

FLORIDA MUNICIPAL POWER AGENCY

2021 LOAD FORECAST

FINAL REPORT

JANUARY 2021



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EXECUTIVE SUMMARY

nFront Consulting, LLC (nFront) was retained by Florida Municipal Power Agency (FMPA) to prepare a forecast of peak load and net energy for load for its All-Requirements Power Supply Project (ARP). FMPA is a governmental wholesale power company owned by municipal electric utilities and created to provide economies of scale in power generation and related services. The ARP supplies capacity and energy to 13 municipal utilities in Florida, located throughout the peninsula from the Panhandle to the lower Keys.

A load forecast is a key input to many utility planning functions, including generation resource planning, fuel and purchased power budgeting, transmission planning, financial planning and budgeting, and staffing. In addition, the FMPA load and energy forecast is submitted to the Florida Reliability Coordinating Council as part of the Load and Resource Database as well as to the Florida Public Service Commission as part of its annual Ten-Year Site Plan. Consequently, a rigorous and detailed process that relies on utility industry standard practices and thorough review of results by various parties is essential to FMPA operations and long-term planning.

The 2021 Load Forecast has been prepared for a 20-year period, beginning 2021 through 2040. The forecast relies on an econometric approach to forecast monthly retail customer counts and sales by major customer classification of the ARP Participants as a function of certain explanatory factors based on an analysis of the influence of these factors generally over 1992 through 2020 (Study Period). Forecasts of system net energy for load (NEL) and coincident and non-coincident peak demand are derived from the total sales forecast based primarily on recent averages of distribution loss factors and load and coincidence factors. The total ARP forecast represents a simple summation across the Participants, taking into account whether or not they are supplied by the ARP in any particular period, where appropriate.

As the amount of ARP participant load served by distributed generation (DG), mostly small-scale photovoltaic (PV) systems, is expected to increase considerably over the forecast horizon, a separate forecast of the installed capacity and production from these resources is developed. Forecasts of ARP loads are produced that are both gross and net of the impacts of the incremental amount of DG projected to be installed over the forecast horizon.¹ Resulting projections discussed herein are typically on a net basis. Results on a gross basis have been separately provided to FMPA and are reported herein only as a comparison to the 2020 Load Forecast, which was reported on a gross of incremental DG basis only, for consistency.

All system load determinants presented herein are on a delivered, or “city gate,” basis and exclude losses associated with transferring energy across the transmission systems of Florida Power & Light

¹ Such solar DG resources are accounted for as part of the ARP’s Net Metering policy. Projections herein that are net of incremental DG resources are referred to as “Net of Incremental PV,” meaning that future projected energy and demand values have been reduced by the impacts of expected DG beyond such impacts in the last historical year, which, across the ARP, are negligible at this time.

(FPL) and Duke Energy Florida (DEF), as well as certain other smaller transmission systems utilized by the ARP (e.g., Florida Keys Electric Cooperative). Projections including such losses are provided separately for FMPA's planning purposes.

The forecast relies on municipal utility data provided to FMPA by the ARP Participants (Participants), metered load data maintained by FMPA, and historical data regarding Participant load management activity, the ARP Net Metering policy, and the ARP Conservation Program submitted by ARP Participants to FMPA. Historical and projected economic and demographic data were provided by Woods and Poole Economics (Woods & Poole), a nationally-recognized provider of such data, and the University of Florida's Bureau of Economic and Business Research (BEBR), a widely-used resource for Florida utilities, with the projected period reflecting a consensus developed from both providers' data. nFront has also relied on information, provided by FMPA staff and the Participants, regarding local economic and large commercial customer developments and other issues specific to each Participant. Weather data was provided by the National Oceanic and Atmospheric Administration (NOAA) for a variety of weather stations in close proximity to the ARP Participants. Finally, projections regarding electricity and competing fuel prices have been obtained from the 2020 Annual Energy Outlook (AEO), published by the Energy Information Administration (EIA) in January 2020.²

Results of the load forecast included herein for the total ARP are presented in the following two ways:

- **Current Participants:** Reflecting the total load requirements of ARP Participants currently served by the ARP (Current Participants) over the entire historical period and forecast horizon irrespective of the fact that certain Participants were not yet supplied by the ARP in certain historical periods and certain Participants are anticipated in the future to receive service under a CROD or to discontinue service from the ARP altogether. This allows for results to reflect a consistent set of ARP Participants and base of customer load over the entire historical and forecasted period, which aids in the comparison of growth rates over the period shown.
- **Supplied Load:** Reflecting in each period the total load of ARP Participants actually supplied by the ARP (the "Supplied" loads), which has varied through time as a result of ARP Participants initiating and discontinuing service from the ARP and is directly used in downstream FMPA planning analyses.

The results of the Forecast reflect that the net energy for load (NEL) of the Current Participants, depicted in Figure ES-1 below, is expected to grow at compound annual growth rates of 1.0% per year over fiscal years (FY)³ 2021-2040 and 0.9% over 2031-2040. As mentioned above, these results reflect the Current ARP Participants and do not account for the initiation or discontinuation of full requirements service by the ARP of certain Participants during the historical period or over the forecast horizon. Load growth statistics in the text box reflect projected NEL net of incremental DG.

² The 2020 AEO, published in January 2020, reflects essentially flat real electricity prices over the forecast horizon; however, for conservatism, FMPA and nFront jointly decided to assume increases in real prices for electricity over the forecast horizon more consistent with prior AEO versions that reflected a transition to clean energy.

³ FMPA's fiscal year represents the twelve-month period from October of the preceding year through September of the current year.

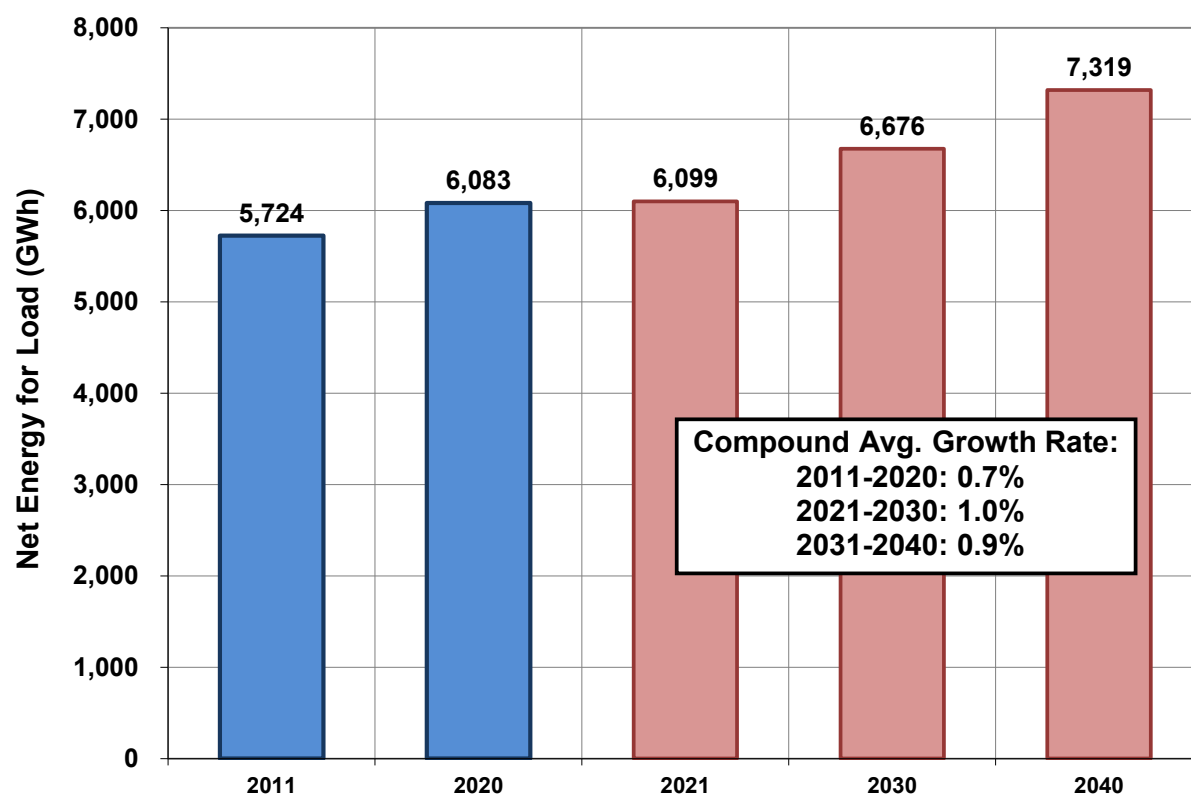


Figure ES-1: Total Net Energy for Load of Current Participants

The growth rates discussed above can be compared to historical actual growth over 2011-2020 of 0.7% per year. Load growth across the Florida peninsula in the early part of the last decade was depressed as a result of the 2008-2009 Great Recession, as well as most recently by the on-going coronavirus pandemic, as discussed further below. The load of the ARP Participants bottomed out in 2012 and has grown by approximately 1.3% per year since then.

The Forecast reflects that the coincident peak demand of the Current Participants, net of incremental DG, is expected to grow at compound annual growth rates of 1.0% per year over 2021-2030 and 0.9% over 2031-2040. The Base Case projected 2021 coincident peak of the Current Participants is 1,290 MW. The ARP annual coincident peak typically occurs in the summer, and more often in August than other summer months.

The 2008-2009 recession had significant negative effects on the housing market, construction and total employment, consumer spending, and visitation by tourists and other seasonal residents. Through 2019, these factors had improved considerably, as shown in the table below, contributing to a sustained recovery in the demand for electricity in the service areas of the ARP Participants. However, the onset of the COVID-19 pandemic in early 2020 caused a significant retrenchment in much of the Florida economy, particularly regions dominated by tourism, universities, and service industries. Preliminary values reflective of mid- to late-2020 are reported below where available.

Table ES-1
Recent Trends in Florida Economic Indicators

Economic Indicator	2008 Value	2012 Value	2019 Value	2020 Prelim
Home Price Index (2016\$)	213,905	153,928	251,072	279,093
Gross State Product (2012\$; \$M)	803,218	769,309	950,759	-8% YoY in Q2
Unemployment Rate	6.3%	8.5%	3.3%	5.1% (Dec)
Total Employment (Ths)	10,297	10,256	12,375	N/A
Construction Employment (Ths)	693	502	745	N/A
Tourist Visitation Counts (millions)	82.5	89.7	131.4	-30% YoY in Q3

Sources: FL Assoc. of Realtors, Bureaus of Economic Analysis and Labor Statistics, Woods and Poole, and Visit Florida

The impact of COVID-19 has resulted in only modest reductions in electricity consumption across the ARP Participants, estimated by FMPA at 2-4% during the most impacted months of 2020, particularly as residential consumption has been up considerably, given the increased daytime occupancy from stay-at-home behavior and increased remote work, both of which have lingered into 2021. The 2021 Forecast relies upon economic projections that were published very early in 2020 and do not reflect significant impacts of the coronavirus pandemic. However, nFront Consulting utilized data published by Google regarding the prevalence of people's location and activity at home versus at commercial business and workplaces, referred to as "mobility" and depicted in the figure below, to explain deviations in consumption during 2020 from expected levels, based on economic, weather, and other conditions. nFront Consulting worked with FMPA staff to develop reasonable, conservative assumptions regarding the extent and timing of this continued return to normal. For certain Participants, a less optimistic recovery pattern, shown below as the "pessimistic" pattern, was jointly determined to capture potential downside scenarios that might impact those Participants.

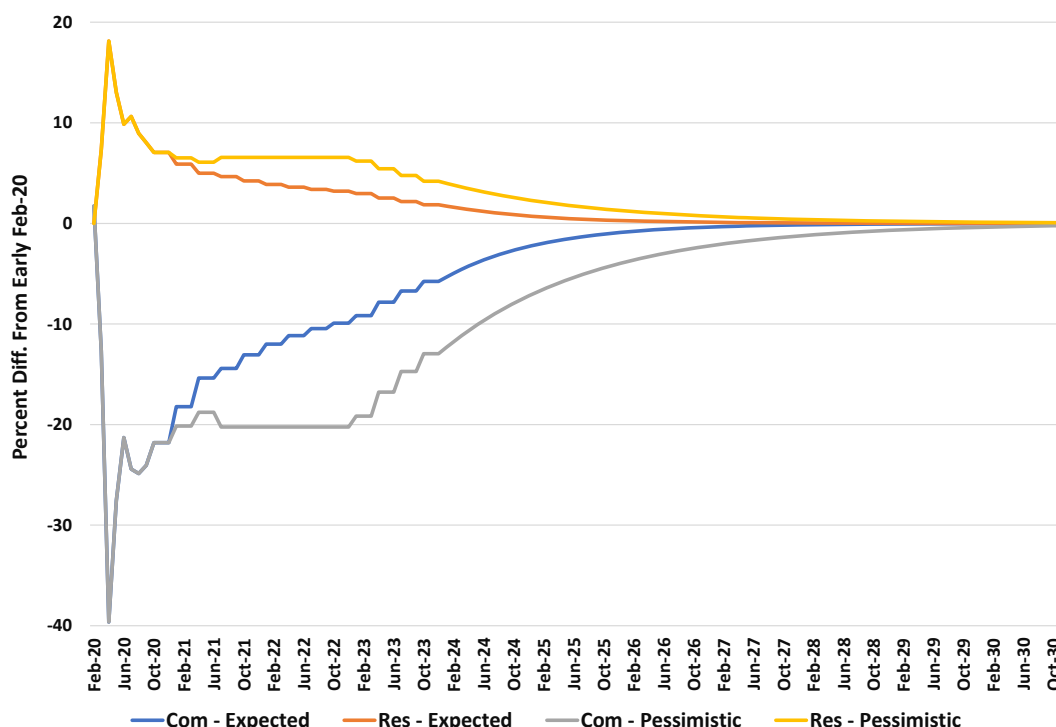


Figure ES-2: Projected Google Mobility Index Trend

Future load levels are subject to heightened uncertainty as a result of the uncertain pace of vaccinations and virus incidence rates, resumption of disconnects, persistently high unemployment (and underemployment), and length of reduced business operations in the service and tourism industries and are being monitored daily by FMPA.

The loads actually served by the ARP (Supplied Load) can vary from the total load of the Current Participants as a result of ARP Participants initiating or discontinuing full-requirements service from the ARP. For example, the load supplied by the ARP can be expected to be reduced by the establishment of CROD for Ft. Meade effective October 2027, with a CROD value of 9.009 MW, and for Green Cove Springs effective October 2029, with a CROD value in the Base Case of 23.6 MW. However, the impact of these CROD arrangements on the ARP supplied load is modest, and FMPA anticipates working with these members to extend existing supplemental service agreements beyond their current expiration. See Section 4 herein for projections of the load expected to be supplied by the ARP and a more detailed discussion of the CROD for Ft. Meade and Green Cove Springs.

Figure ES-3 compares the currently forecasted peak demand of the Current Participants and the forecasted peak demand from the 2020 Forecast, on a gross of incremental PV basis (the basis for the reported values in the 2020 Forecast report). This comparison shows that the current Forecast reflects load levels that are 0.6% higher in the early years of the forecast horizon with slightly higher growth over the forecast horizon, resulting in load levels that are as much as 3.7% higher by the end of the forecast horizon. These higher long-term projected load levels are driven primarily from higher projected growth in population, employment, and total personal income across the ARP Participants.

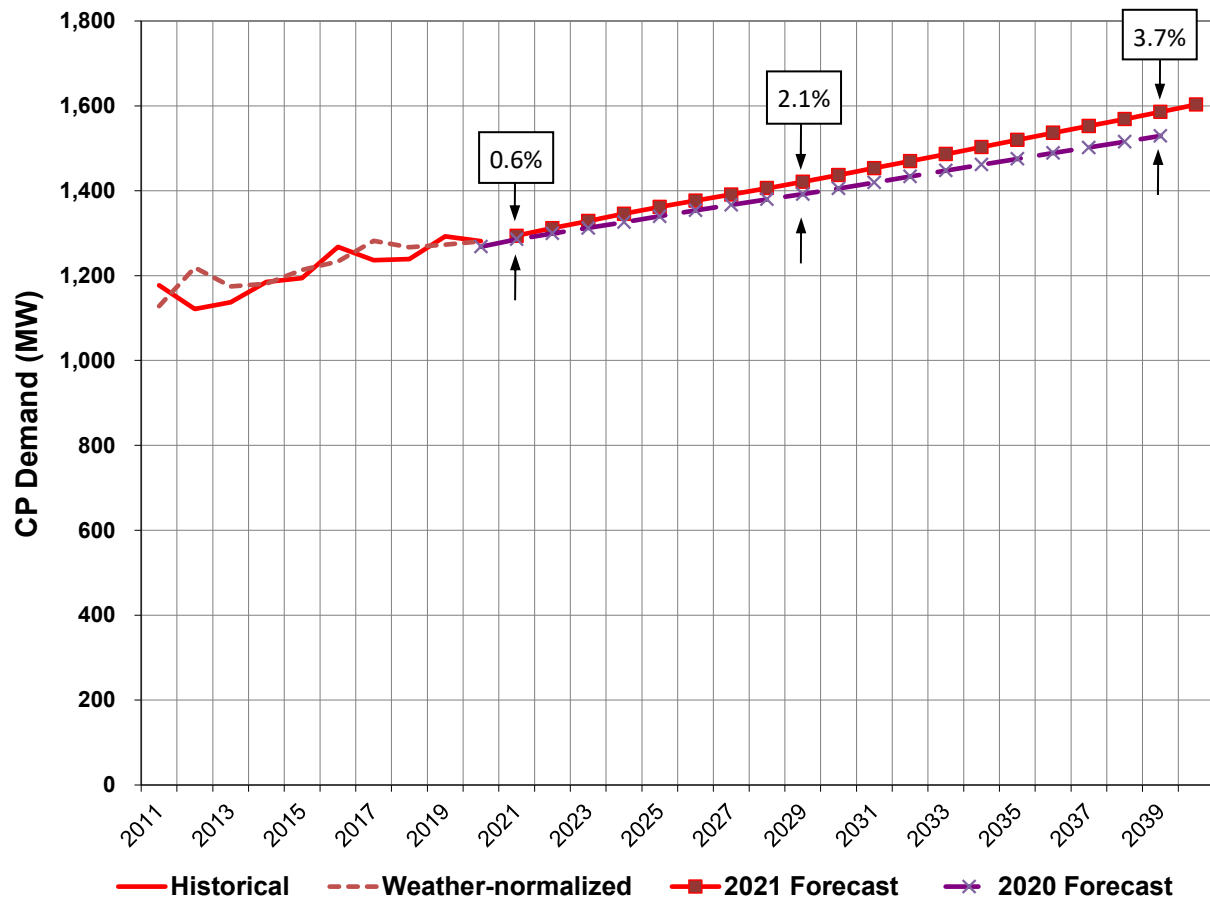


Figure ES-3: Summer Peak Demand of the Current Participants

The 2021 Forecast results reflect the return of strong population growth to the Florida peninsula and the growth in residential customer counts and economic activity that this growth in population entails. Importantly, residential average use is projected to be relatively flat over the forecast horizon and is not a growth driver. Figure ES-4 below depicts the comparative growth rates in residential customer counts over 2021-2040 across the ARP Participants ordered in descending compound average growth rate (CAGR) order, with the line across the chart representing the ARP average growth rate. Kissimmee reflects the highest growth, reflecting its location in a prime growth corridor in central Florida. KUA's residential growth also significantly affects the overall ARP, as it is the largest ARP member and has by far the largest base of residential customers.

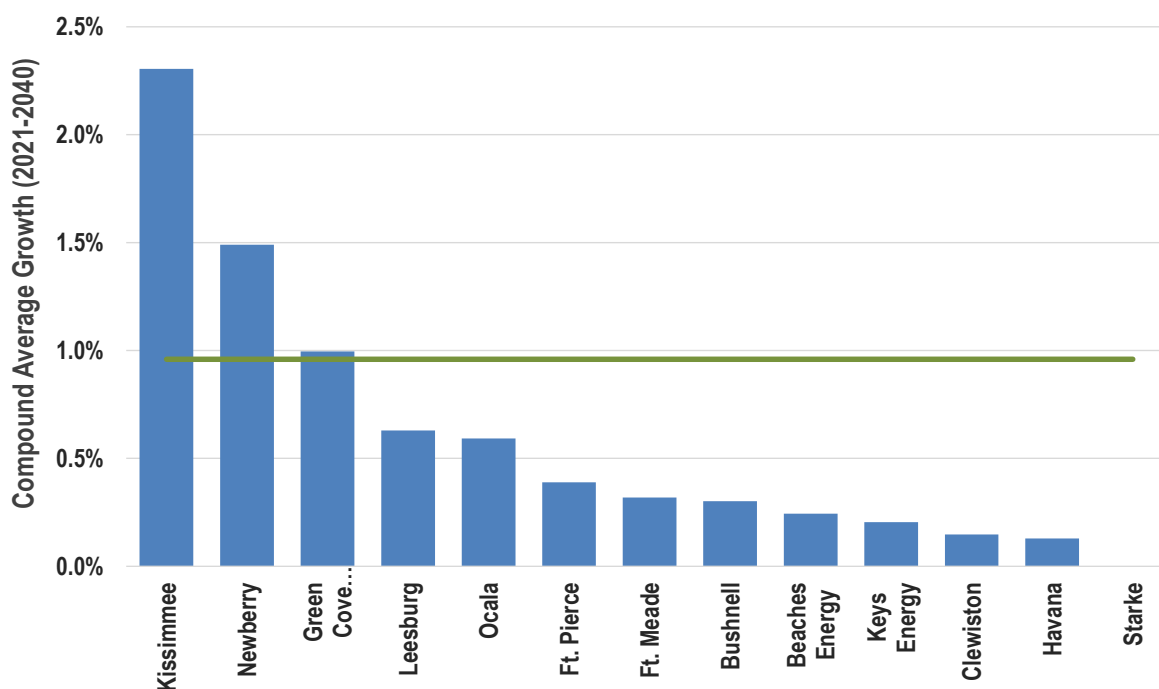


Figure ES-4: Compound Average Growth in Residential Customers over the Forecast Horizon

In addition to the Base Case Forecast, several scenarios were prepared to capture the uncertainty in the primary driving variables. These scenarios separately capture the uncertainty of the trend of economic activity (High and Low Economic Cases) and the uncertainty of weather (Severe and Mild Weather Cases). The high and low forecasts are intended to encompass 90% of the uncertainty in the driving variables. The Low and High Economic Cases result in growth rates for the net energy for load and summer coincident peak of the Current Participants that range from approximately 0.1% to 1.7% over 2021 to 2030 and from 0.4% to 1.3% over 2031 to 2040 (as compared to the projected growth of the Base Case of 1.0% over 2021 to 2030 and 0.9% over 2031 to 2040).

The scenarios related to weather uncertainty are intended to represent the range of potential weather experienced in the summer and winter seasons, encompassing June through September and December through February, respectively, and are essentially aimed at capturing the uncertainty of seasonal NEL. NEL for the summer season in any particular year in the Severe Case was higher than the Base Case by approximately 4.8% and lower in the Mild Case by 4.6%. Winter NEL was higher in the Severe Case by 8.7% and lower in the Mild Case by 7.3% than the Base Case results.

Figure ES-5 below depicts the forecast of summer CP demand resulting from these scenarios as compared to historical and weather-normalized data and the Base Case forecast.

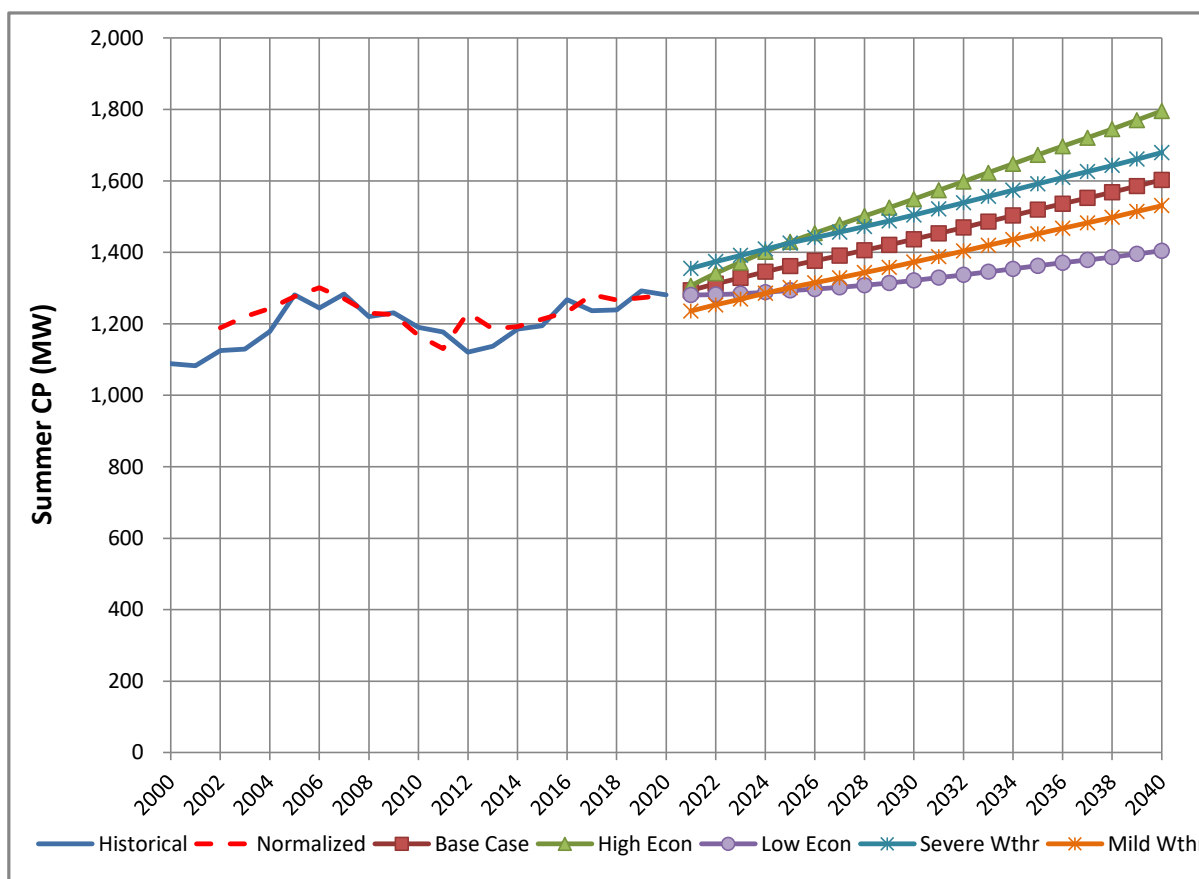


Figure ES-5: Forecast Scenarios of Coincident Peak Demand – Current Participants

The economic scenarios are derived from statistics provided by Woods & Poole regarding historical errors in their state-level forecasts across the United States over 1984-2018. nFront continuously monitors the error statistics published by Woods and Poole and updates these statistics for use in the Load Forecast as appropriate.

The weather scenarios simultaneously reflect more and less severe weather conditions in both seasons, which is less likely to happen than severe conditions in one season or the other. Accordingly, it should be recognized that annual NEL may be somewhat less volatile than the annual NEL variation shown herein. However, NEL in any particular month may be *more* volatile than shown herein, particularly in the off-peak months. In addition, because of the methodology that derives peak demand from NEL via constant load factor assumptions, annual summer and winter peak demand may be somewhat more volatile with respect to weather than shown herein.

The following report and appendices detail the methodology, process, and results of the 2021 Load Forecast. The first section of the report provides an overview of the underlying methodology, including a general description of the econometric models and selected explanatory variables. This overview is followed by a description of the data sources that have been relied upon. Next, a list of principal considerations and assumptions, which have been relied upon, are included to provide context for the results. The Base Case results are then summarized, and demand and energy requirements of the ARP Participants are shown for selected years. Finally, concluding comments

regarding interpretation of the forecast results and recommendations regarding the planning process are offered. Several appendices, containing the detailed results by ARP Participant and ARP grouping, accompany this report.

Section 1

OVERVIEW OF METHODOLOGY

The forecast of peak demand and net energy for load to be supplied from the ARP relies on an econometric forecast of each Participant's retail sales, combined with various assumptions regarding loss, load, and coincidence factors, generally based on an average of recent historical values for such factors, and summed across the Participants. Econometric forecasting makes use of regression to establish historical relationships between energy consumption and various explanatory variables based on fundamental economic theory and experience, building upon the body of empirical work accumulated in the utility industry.

In this approach, the forecast analyst poses a theoretical set of variables believed to explain energy consumption and estimates the parameters of these variables using statistical software. The reasonableness and statistical significance of each of the variables and the estimated parameters are evaluated using commonly accepted statistical measures and theoretical tests. Models that, in the view of the analyst and guided by industry best practices, best explain the historical variation of energy consumption and provide a reasonable basis for forecasting are selected. These historical relationships are generally assumed to continue into the future, barring any specific information or assumptions to the contrary. The selected models are then populated with projections of explanatory variables, resulting in projections of energy requirements.

Econometric forecasting can be a more reliable technique for long-term forecasting than trend-based approaches and other techniques, because the approach results in an explanation of variations in load rather than simply an extrapolation of history. This approach can enable utilities to anticipate departures from historical trends in energy consumption, given accurate projections of the driving variables. In addition, understanding the underlying relationships that affect energy consumption allows utilities to perform scenario and risk analyses, thereby improving decisions. The high and low economic and weather scenarios we have prepared are examples of this capability.

Forecasts of monthly sales were prepared by major customer classification for each Participant. In some cases, classifications were combined to eliminate the effects of class migration or redefinition. In this way, greater continuity is provided in the historical period upon which statistical relationships are based. Table 1-1 below shows the level of granularity at which the forecast was developed for each Participant. In the table below, the cases where no "X" appears in the categories of General Service Demand and Large Demand (e.g., Bushnell, Fort Pierce, Leesburg) implies that while there may actually be customers that are classified by the Participant as belonging in these categories, their sales are combined under General Service Non-demand for modeling and reporting purposes, primarily due to the similarity in the characteristics of these classes, significant migration that has occurred between classes historically, and/or greater tractability of the data.

Table 1-1
Rate Classification Analyzed by Participant

Participant	Residential	General Service Non-demand	General Service Demand	Large Demand	City/Other	Lights ^[1]
Bushnell	X	X				
Clewiston	X	X	X	X ^[2]		
Fort Meade	X	X				
Fort Pierce	X	X			X	X
Green Cove Springs	X	X	X	X	X	
Havana	X	X				
Jacksonville Beach	X	X	X		X	
Key West	X	X			X ^[3]	X
Kissimmee	X	X	X		X	X
Leesburg	X	X			X	
Newberry	X	X			X	
Ocala	X	X		X	X	X
Starke	X	X				

[1] Lighting classes may be projected based on assumption as opposed to econometric analysis.

[2] Represents a single customer, US Sugar. Separate analyses and assumptions were used to project US Sugar loads.

[3] Represents a single customer, the Key West Navy Base. Separate analyses and assumptions were used to project Key West Navy Base loads.

MODEL SPECIFICATION

The following discussion summarizes the development of econometric models used to forecast load, energy sales and customer accounts on a monthly basis. This overview presents a common basis upon which each classification of models was prepared. Additional details are provided in the accompanying appendices.

For the residential class, the analysis of electric sales was separated into residential usage per customer and the number of customers, the product of which is total residential sales. This process is common for homogenous customer groups. For other rate classifications, the total sales series is the primary forecasted variable, and the customer forecast is generated for reporting purposes and to check the sensibility of the sales forecast.

Residential class models typically reflect that energy sales are dependent on, or driven by: (i) the number of residential customers, (ii) real personal income per household, (iii) real electricity prices, (iv) energy efficiency standards, (v) prevalence of occupancy (as reported by Google in its “mobility” dataset)⁴ and (vi) weather variables. The number of residential customers was projected on the basis

⁴ See the discussion in Section 2 for a description of this dataset and its use in this Load Forecast.

of the estimated historical relationship between the number of residential customers of the Participants and the number of households in the Participant's county. For a few Participants, the forecast of residential customers also includes a variable that captures the impact of speculative home buying on customer counts using data on mortgage originations in the state. For a few Participants, the residential sales forecast equation includes a variable to capture the retrenchment in consumer spending, represented by variations in the U.S. personal savings rate, either as a stand-alone variable or as an adjustment to income. In addition, the residential sales forecast for some Participants includes a variable that addresses the impact of variations in the housing vacancy rate. These variables and their data sources are discussed further in Section 2.

For the general service class models, the econometric models reflect that energy sales are best explained by: (i) total real personal income, employment, or retail sales as a measure of economic activity and population in and around the Participant's service territory, (ii) the real price of electricity, (iii) prevalence of location and activity at commercial businesses and workplaces (as reported by Google in its mobility dataset) and (iv) weather variables. The selection of a variable to represent economic activity and population was made based on statistical measures and/or the sensibility of the resulting forecast. In many cases, the impact of consumer spending retrenchment has also been captured, either as a stand-alone variable or as an adjustment to personal income, similar to the residential sales forecast described above. The forecasts for certain large customers of two Participants (Clewiston and Key West) were based on an assumption developed in consultation with FMPA staff and these Participants.

Weather variables include heating and cooling degree-days for the current month and for the prior month. Lagged degree-day variables are included to account for the typical billing cycle offset from calendar data. In other words, sales that are billed in any particular month are typically made up of electricity that was used during some portion of the current month and of the prior month.

In certain instances, Participant-specific modifications of the general theoretical model and additional variables were used to account for behavior that occurred during the study period or is expected to occur in the future but is unexplained by available data. Some of these additional variables address specific, known events, such as hurricane incidence or a recovery from the same, and are generally guided by information provided by the Participants. Others account for observations of the dependent variable that are believed to be anomalous. While these adjustments artificially increase the "fit" of regression equations and are typically discouraged, large deviations from expected behavior tend to have a significant impact on resulting parameters and sometimes undeservedly so. In consultation with Participants, we have treated certain anomalies as errors or otherwise removed certain observations from the regression process.

ARP CONSERVATION PROGRAM IMPACTS

Beginning in 2008, the FMPA Executive Committee approved the creation of the ARP Conservation Program that is funded via the ARP Energy Rate. As part of this program, each Participant receives a

load ratio share (based on NEL) of the total funding to implement their choice of conservation and energy efficiency measures. As part of the ARP Conservation Program, ARP Participants have the flexibility to implement specific programs based on the unique needs of their customers, which are then reimbursed by FMPA through this fund. In addition, some ARP Participants have implemented utility- or grant-funded conservation efforts as well. Energy efficiency measures that are part of the program include energy saving kits, rebates on major home appliances and programmable thermostats, and insulation upgrades, among other programs. FMPA collects data on a quarterly basis regarding the measures implemented by each Participant in each measure category, along with an accounting of the number of customers or quantity of items disbursed and an estimate of the associated load impact.

As part of its compliance obligations under NERC reliability standard MOD-031, FMPA has adopted an approach to addressing demand-side management (DSM), including conservation programs, in the forecasts of its Peak Demand and NEL. FMPA has established a threshold for the level above which the estimated impact of its Conservation Program will be explicitly taken into account in its load forecast. This threshold has been defined as 0.5% of ARP Peak Demand or ARP NEL in any year over a 20-year forecast horizon. For the purpose of testing whether the ARP Conservation Program is anticipated to have an impact that crosses FMPA's defined threshold, FMPA maintains a forecasting model to project the participation in and impact of individual DSM measures that comprise the Conservation Program. This model projects adoption of specific measures based on recent program data and the assumption that FMPA will continue funding the Conservation Program at similar levels over the forecast horizon and combines such projections with estimates regarding the incremental impacts of each measure on demand and energy reduction to forecast the total energy and demand impact.

The results of the updated Conservation Program forecasting model reflect that the projected program impacts are expected to increase somewhat over the next several years but remain below the 0.5% threshold on an energy basis for the ARP in aggregate over the forecast horizon. Projected impacts on ARP demand similarly increase somewhat over the next several years but remain below the threshold over the entire forecast horizon. As the projected impacts remain below the planning threshold on an energy and demand basis, FMPA does not intend to explicitly account for the effects of the Conservation Program in its forecast of demand and net energy for load. However, as the impacts of recent energy efficiency program participation are captured in actual consumption data for recent years, some impact of the programs is *implicitly* incorporated in the ARP Load Forecast.

This model is updated annually in advance of each load forecasting effort to evaluate whether the threshold is likely to be met, using the projected ARP load determinants from the preceding load forecast. When and if the estimated future impact of the energy efficiency programs exceeds the 0.5% threshold in a sustained way, FMPA will evaluate whether and how to explicitly account for these programs in the forecast.

NET METERING PROGRAM IMPACTS

In June 2008, the ARP Participants adopted a Net Metering Policy to permit interconnection of customer-owned renewable generation to the Participants' distribution systems. This policy facilitates the purchase of excess customer-owned renewable generation and outlines the metering, billing and crediting procedures to be followed by ARP Participants.

Table 1-2 summarizes the renewable generation installed on the Participants' distribution systems over 2009-2020. As of September 2020, the ARP had an estimated 15.1 MW-AC of nameplate solar PV renewable generation connected to the grid.

**Table 1-2
Historical Net Metering Capacity Across the ARP**

Calendar Year	Annual Installs	Cumulative Installs	Cumulative Installed Capacity (kW-AC) ⁵	Estimated Generation (MWh-AC) ⁶
2009	22	36	227	386
2010	40	76	427	723
2011	22	98	578	978
2012	27	125	774	1,303
2013	66	191	946	1,588
2014	33	224	1,856	3,111
2015	50	274	2,197	3,692
2016	87	361	2,767	4,634
2017	154	515	3,799	6,372
2018	377	892	6,391	10,732
2019	538	1,430	10,760	17,833
2020*	467	1,897	15,104	25,197

*Represents Fiscal Year data, as full Calendar Year data is not yet available

In order to assist FMPA with determining the estimated impact on the ARP load forecast of distributed solar capacity, FMPA maintains a database and model to track net metering capacity and project impacts of this capacity on demand and energy requirements on a by-Participant basis. Historical installations are combined with an estimated hourly dispatch profile for a representative solar installation based on the National Renewable Energy Laboratory's PV-WattsTM model.⁷ The hourly dispatch profile was used to estimate the "dependable capacity" at the time of the FMPA peak

⁵ Nameplate capacity. Not adjusted for coincidence with the FMPA peak or expected degradation of performance.

⁶ Estimated generation values reflect a 19.5 percent capacity factor, based on an industry standard model of PV production for mid-Florida, and degradation of 0.75 percent per year.

⁷ PV Watts is an industry standard tool used to estimate PV system energy production. The dispatch profile was based on a representative solar installation in the Daytona Beach area.

demand (i.e., coincident peak impact) by analyzing the hourly output as a percentage of capacity in each hour. Annual energy impacts were derived by applying the capacity factor produced by the PV-Watts model run to the installed capacity.

In order to develop a projection of the future level of installed distributed PV capacity, nFront Consulting and FMPA have utilized multiple methodologies, including the following:

- **Trend analysis.** In this framework, the trend of total installed capacity is simply extrapolated into the future, typically using a linear function. This approach has generally been applied to the commercial class, as the installation activity has been limited to date, making the approaches below not tractable.
- **Bass diffusion.** This methodology relies on the commonly understood behavior of the diffusion of new technologies, which go through phases of minimal penetration, very rapid adoption, and eventual saturation—a trend that typically has the appearance of an S-curve or logistic function. This methodology attempts to fit the historical trend of adoption to a logistic function, in which the eventual saturation level is either imposed, estimated directly from the data, or estimated as a function of the economics of distributed solar versus grid power.
- **Econometric modeling of adoption.** This forecasting approach attempts to explain adoption rates as a function of the economics of distributed PV from an archetypical customer's perspective. For this purpose, nFront Consulting developed data regarding the approximate trend of the installed cost of small-scale PV equipment, based on industry research, and developed statistics regarding estimated payback for PV installation, based on assumptions regarding retail electricity rates, retail net metering policies, and the anticipated roll-off of investment tax credits.
- **Third-party forecast.** nFront Consulting obtained the projected amount of distributed solar generation in the FRCC region reflected in the latest Annual Energy Outlook (AEO), prepared by the EIA, and developed the implied penetration of distributed solar for all households by dividing the generation amount by a reasonable assumed average installed capacity and further dividing by the number of households reflected in the AEO. This level of penetration was then assumed for all FMPA participants.

In consultation with FMPA staff, a forecast of residential distributed solar penetration, meaning the percent of residential customers with DG solar was developed reflecting a weighted average across the above approaches. The resulting forecast is depicted in Figure 1-1 below.

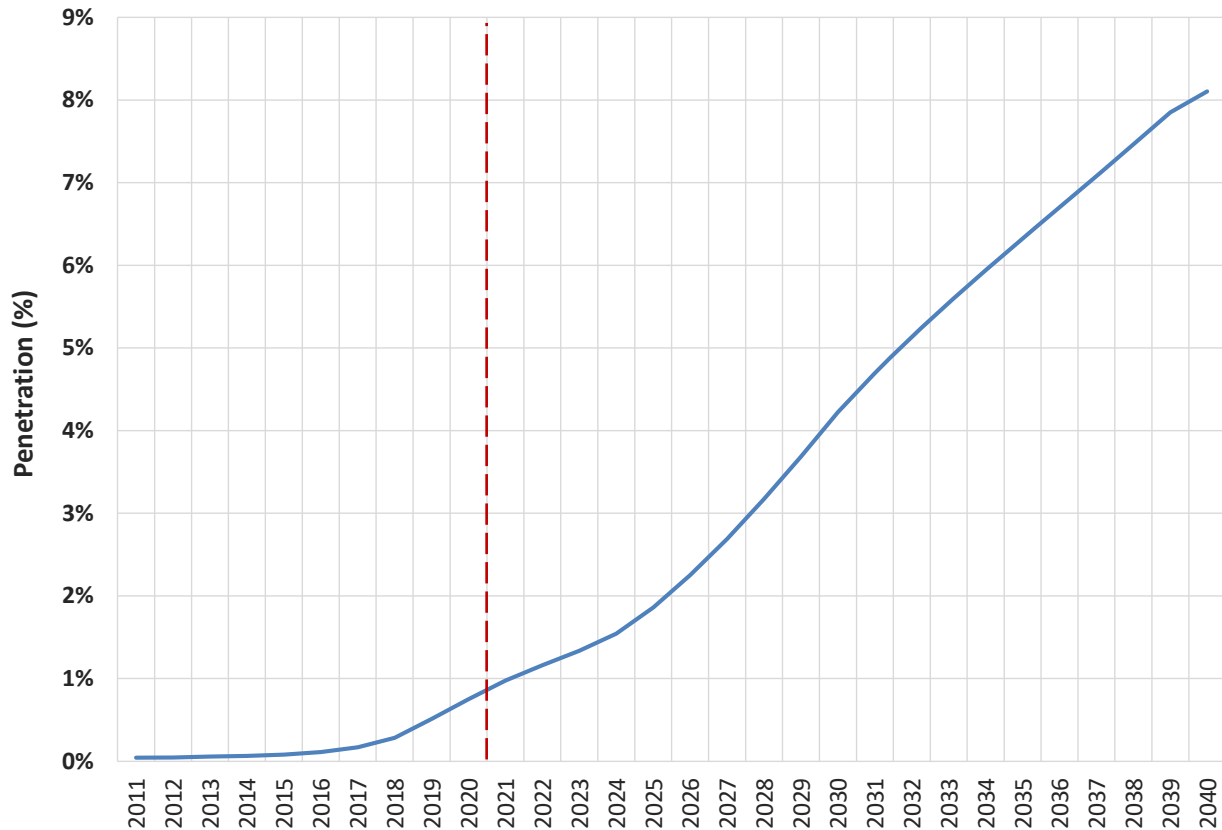


Figure 1-1: Historical and Projected Residential Distributed Solar Penetration

The results of these analyses reflect that PV penetration among residential customers across the Participant systems will eventually grow from the current level of about 0.7 percent to approximately 8.1 percent by the end of the forecast horizon, or 2040. The projection reflects a slight lull in the pace of increase due to the assumed reduction in and expiration of the investment tax credit over 2021-2022.⁸ Subsequently, the continued pace of assumed reduction in installed costs and the influence of word-of-mouth and imitation drive a resumption and acceleration in the pace of adoption until saturation is reached in one or more of the approaches above. It is important to recognize that there is a great deal of uncertainty regarding this eventual level of penetration. Across the potential forecasting approaches discussed above, the projected level of penetration by 2039 ranges from 2.6 percent to over 15.6 percent. Most of the approaches discussed above reflect that the significant portion of the base of residential customers that are either renters and/or in multi-family housing are not readily able to become adopters of distributed solar.

To date, non-residential installations have proceeded at a much slower rate and have not reflected the kind of diffusion behavior exhibited by the residential class. This is possibly a function of the typical nature of commercial building ownership and the business priorities of most small- to

⁸ The tax credit was extended in Dec-20 through 2023 and may result in slightly higher DG solar adoption over the next decade than shown above.

medium-sized businesses. For this Forecast, the projected penetration of distributed solar generation for the commercial classes utilizes a simple trend function reflecting only a small number of new installations annually over the forecast horizon.

Based upon the projected residential penetration levels and the projected customer counts and the projected number of commercial installations, projections of the capacity of PV installations were developed and adjusted for degradation over time. The resulting projected installed capacity was then combined with the performance assumptions described above, as well as an estimate of the amount of solar production that can be expected during the ARP peak, to develop projected impacts of disturbed solar generation on the peak demand and energy requirements of the ARP. These estimated historical and projected values are depicted in Figure 1-2 below.

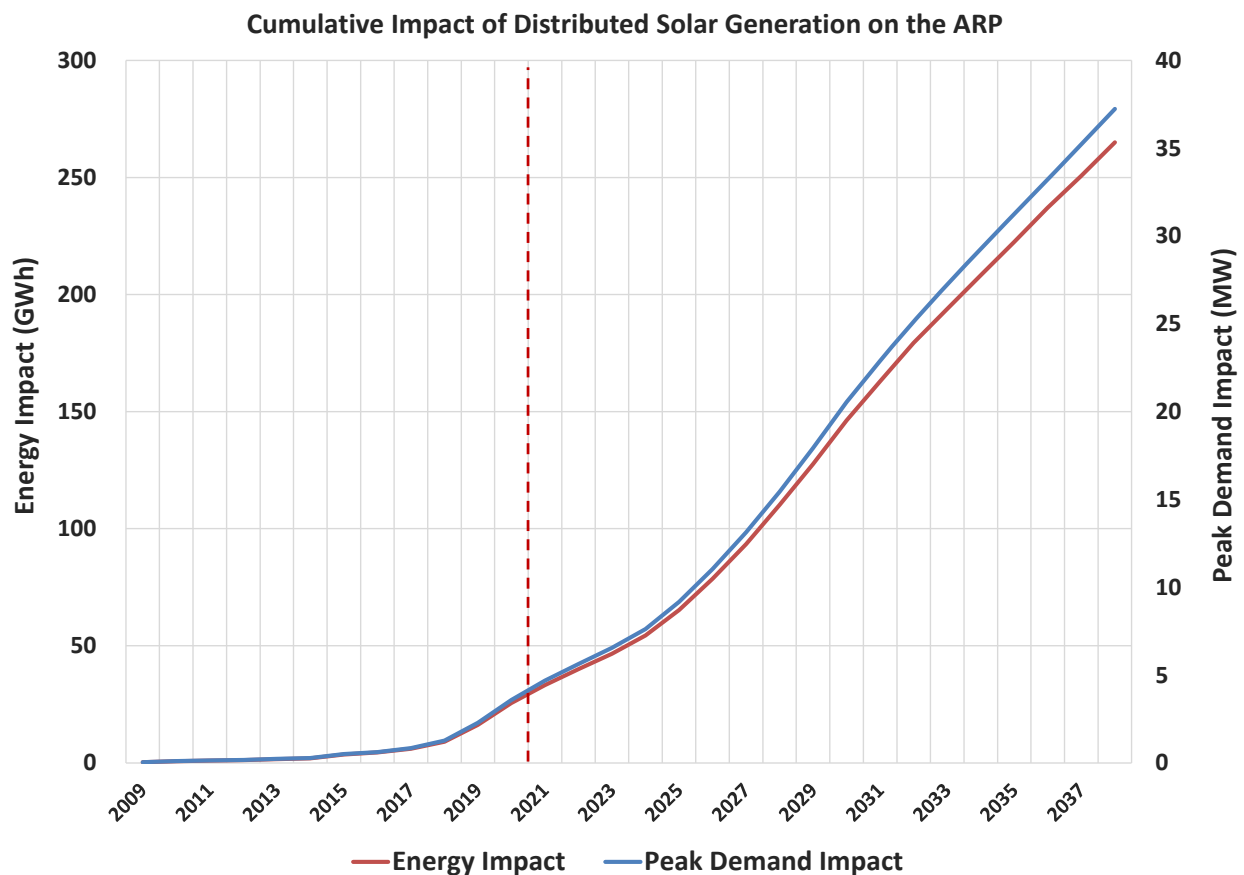


Figure 1-2: Estimated Impact of Distributed Solar on Current ARP Participant Load

The projected impacts of DG are expected to offset a portion of growth in ARP NEL and peak demand of the Current Participants, reducing these determinants by approximately 3.5 percent by 2030. The historical retail energy consumption and energy and peak demand served by the ARP, upon which the forecasted load values depicted herein are based, has already been reduced by the historical installations of distributed solar generation.

For the 2021 Load Forecast, no effort has been made to account for the service life of distributed solar generation. As the vast majority of the cumulative capacity reflected in the forecast is installed in the future, the effect of doing so over the forecast horizon would not be significant.

While the Florida Public Service Commission allows municipal and cooperative utilities to set their own net metering policies, thus allowing for varying treatment of excess generation that flows back onto the utility system, Florida's investor-owned utilities must credit rooftop PV generation backfed onto their distribution systems at the full variable retail rate. Remaining excess generation beyond the amount of billed consumption over a 12-month billing period is credited at the utility's avoided cost, which is typically far lower. Changes in the rate treatment of distributed generation and net metering could impact uptake of distributed PV in the future.

FMPA intends to continue monitoring the trend in installations of distributed generation across the Participants' systems and refining the forecasting methods discussed above. While the economics of distributed solar generation continue to improve, the economics of utility-scale solar are far superior. Additionally, utility-scale solar can make solar energy cost-effective for customers whose homes are not well suited for solar (as a result of orientation or shading) and customers who are not single-family homeowners. Accordingly, FMPA and many of its members, including some ARP Participants, have contracted for utility-scale solar generation.

ELECTRIC VEHICLE IMPACTS

Electric vehicles continue to gain market share, as the cost of ownership declines relative to traditional internal-combustion engine vehicles (ICEV), range increases as a result of increasing battery capacity, and public charging infrastructure develops. Plug-in electric vehicles (PEV), including both battery electric vehicles (BEV) and plug-in hybrid electric vehicles (PHEV), have the potential to significantly increase the NEL and peak demand requirements for the ARP Participants. Figure 1-3 below depicts a simplified estimate of the number of PEVs in operation across the ARP Participants, based on data regarding PEVs sales registered in the State of Florida and the proportion of the state's population served by the ARP Participants. The implied growth rate in PEVs is shown in the text box above each year's bar.

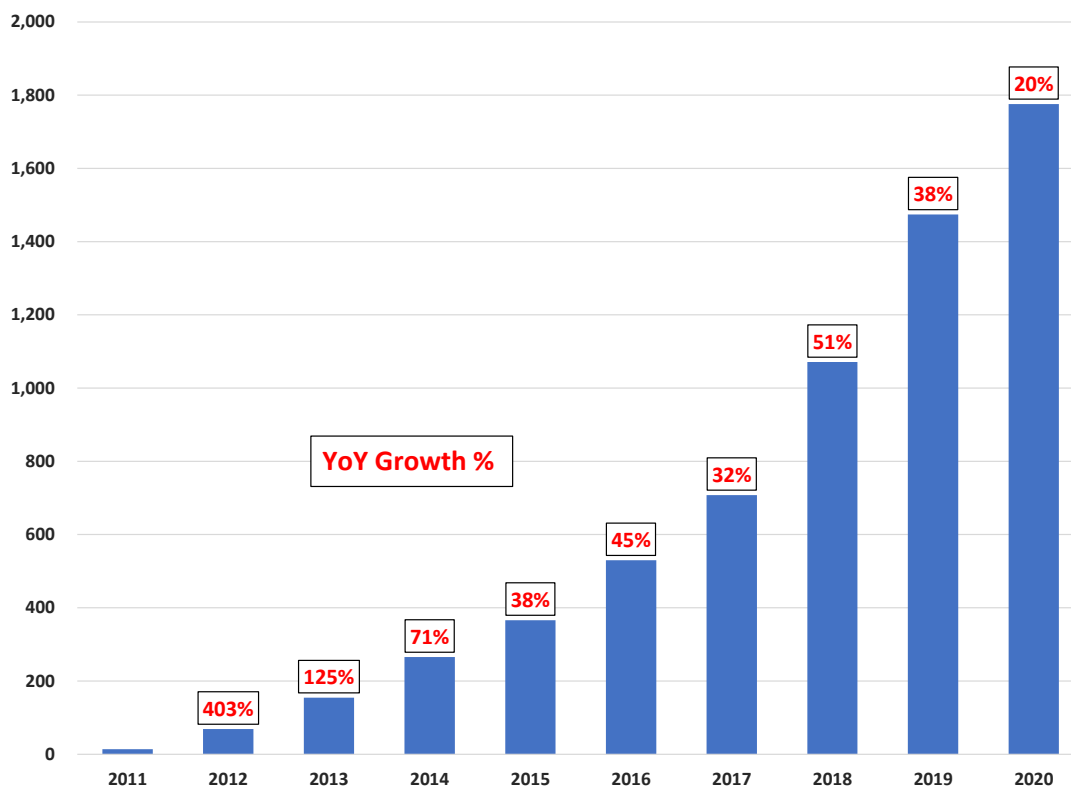


Figure 1-3: Estimated Electric Vehicles in ARP Participants' Service Areas

This level of PEV penetration in 2020 is consistent with approximately 7 GWh of energy consumption (at the generator) and 3 MW contribution to the ARP peak demand, or approximately 0.1% of ARP NEL.

This Load Forecast does not reflect an explicit forecast of the impact of PEV charging on ARP NEL and peak demand. However, as this historical growth in PEV adoption has occurred during the study period of the regression analyses that underpin this Load Forecast, some amount of growth in PEV-related load requirements is implicitly reflected in the resulting projections reported herein. Many recent electric utility planning studies reflect considerable growth in PEV adoption and a much greater impact on electric system loads over the next decade. FMPA intends to continue monitoring this developing trend and determine whether to adjust the load forecast process to develop an explicit forecast of PEV growth and impact on future ARP loads.

PROJECTION OF NEL AND PEAK DEMAND

The forecast of sales for each rate classification described above are summed to equal the total sales of each Participant. Assumed distribution loss factors, typically based on a 5-year average of historical loss factors, are then applied to the total sales to derive monthly NEL, as measured at the wholesale meter used for ARP billing purposes. To the extent historical loss factors were deemed anomalous, they were excluded from these averages. In addition, in cases wherein historical losses appeared to

be subject to a significant historical trend or shift, such historical trends or shifts were captured through a regression analysis of monthly losses, typically as a function of weather conditions, seasonal binaries, and binaries or trend variables intended to address these fluctuations. These trends and shifts are generally a function of distribution system improvements or changes in billing practices undertaken by the Participants.

Projections of summer and winter non-coincident peak (NCP) demand were developed by applying projected annual load factors to the forecasted net energy for load on a total Participant system basis. The projected load factors are based on the average relationship between annual NEL and the seasonal peak demand generally over the period 2011-2020. In some cases, different averaging periods were selected, or certain years excluded, to address historical trends in load factor, frequently associated with large customer activity, and anomalies, including hurricane-related impacts.

Monthly peak demand is based on the average relationship between each monthly peak and the appropriate seasonal peak. This average relationship was computed after ranking the historical demand data within the summer and winter seasons and reassigning peak demands to each month based on the typical ranking of that month compared to the seasonal peak. This process avoids distortion of the averages due to randomness as to the months in which peak weather conditions occur within each season. For example, a summer peak period can occur during July or August of any year. It is important that the shape of the peak demands reflect that only one of those two months is the peak month and that the other is typically some percentage less.

Projected coincident peak demands related to the total ARP, the Participant groups, and the transmission providers were derived from monthly coincidence factors averaged generally over the most recent five to ten years, the longer averaging period being utilized to reduce the influence of recent anomalous weather (e.g., the very mild 2016/17 winter). The historical coincidence factors are based on historical coincident peak demand data that is maintained by FMPA. Similarly, the timing of the ARP and Participant group peaks were determined from an appropriate summation of the hourly load data. The peak demands coincident with the transmission providers, FPL and DEF, are based on hourly load data maintained by FMPA and information regarding the timing of peak demands of the transmission providers obtained by FMPA.

For long-term resource planning purposes, FMPA adds the anticipated real power losses over the transmission systems of the ARP's transmission service providers to the resulting NEL and peak demand values to derive expected ARP generation requirements. Generation-level NEL and CP demand are reported to the Florida Reliability Coordinating Council (FRCC) for purposes of determining Florida system reliability, and the Florida Public Service Commission as part of the Ten-Year Site Plan. However, all system load determinants presented herein are on a delivered, or "city gate," basis and exclude losses associated with transferring energy across the transmission systems of FPL and DEF.

Section 2 DATA SOURCES

HISTORICAL PARTICIPANT RETAIL SALES, LOAD MANAGEMENT, AND ARP CONSERVATION PROGRAM DATA

Data for each ARP Participant on numbers of customer accounts, electric sales, revenues, load management activity, ARP Conservation Program activity (including participation by measure, net expenditures, and marginal impacts), and Net Metering activity (including nameplate capacity and energy estimates by installed resource) collected and maintained by FMPA were furnished to nFront. Retail data were generally available and analyzed over January 1992 through September 2020 (Study Period). ARP Conservation Program data were provided by FMPA for the 2009-2020 program years, based on quarterly reports submitted by ARP Participants.

WEATHER DATA

Historical weather data has been provided by the National Climatic Data Center (a subsidiary of the NOAA). Weather stations, for which historical weather was obtained, were selected based on their quality and proximity to the Participants. In most cases, the closest first-order weather station (usually airports) was the best source of weather data. For Beaches Energy Services, however, weather data from a cooperative weather station, which was closer than the closest first-order station, appeared to more accurately capture the weather conditions that affect the Participants' loads than the closest first-order weather station.

The influence on electricity sales of weather has been represented through the use of two data series—heating and cooling degree-days (HDD and CDD, respectively.) Degree-days are derived by comparing the average daily temperature and a base temperature, typically 65 degrees Fahrenheit, the base relied on herein. To the extent the average daily temperature exceeds the base, the difference between that average temperature and the base is the number of CDD for the day in question. Conversely, HDD result from average daily temperatures that are below the base. Heating and cooling degree-days are then summed over the period of interest, in this case, months.

Weather conditions assumed over the forecast horizon are based on the thirty-year monthly HDD and CDD, from the period 1991 through 2020⁹. Figures 2-1 and 2-2 below depict historical data regarding winter HDD and summer CDD, respectively, for the Orlando airport weather station, with

⁹ The 1991-2020 period reflects a noticeable warming trend throughout much of that period, and some of the warmest years on record within the last several years, particularly during spring and fall months. nFront Consulting and FMPA have jointly determined that utilizing a 30-year moving average of weather conditions is most appropriate for this Load Forecast. FMPA intends to monitor weather conditions and re-consider this assumption as conditions warrant for purposes of future planning.

the winter period, for this purpose, comprising December of the prior year through February of the current year and summer comprising June through September. The figures include both actual historical values, long-term normal, and the expected range of potential conditions assumed for purposes of alternative scenarios, which are discussed in Section 4.

The figures show that HDD have been below normal over the last few winters (winter 2016/17 being far below normal), while CDD over the last few summers have generally been at or above normal (except for summer 2017, which was slightly below normal for a few weather stations, including Orlando airport). These observations are similar for most other weather stations impacting the ARP Participants. Note that both charts exclude spring and fall months.

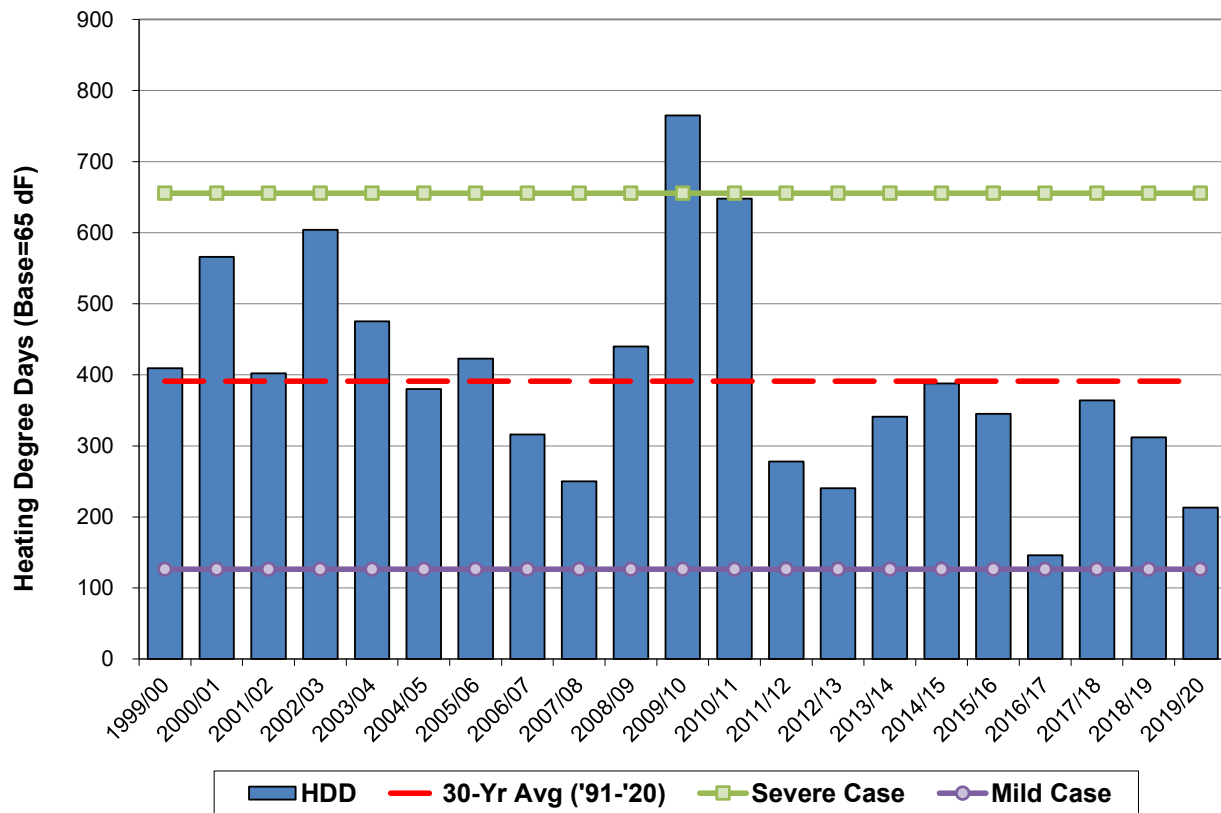


Figure 2-1: Historical v. Normal and Typical Range of Winter Heating Degree Days

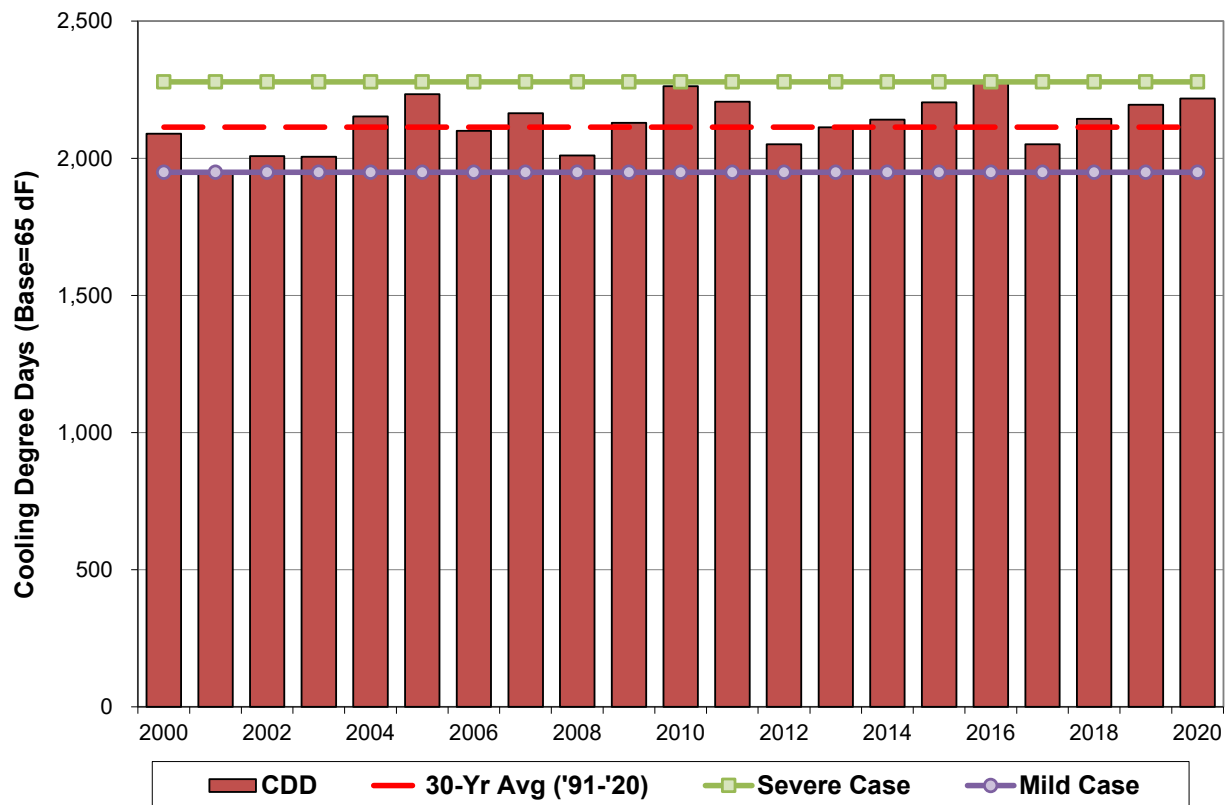


Figure 2-2: Historical v. Normal and Typical Range of Summer Cooling Degree Days

Appendix D includes a graphical comparison of historical and normal annual HDD and CDD for the weather station used in the forecast of each Participant's load.

ECONOMIC DATA

Historical and projected economic and demographic data were obtained from Woods & Poole Economics (W&P), a nationally recognized provider of economic data. The data relied on include economic and demographic data for the 14 counties in which the Current Participants' service territories reside (the service territory of Beaches Energy Services includes portions of both Duval and St. Johns Counties). These data include county population, households, employment, personal income, retail sales, and gross domestic product. Although all data was not necessarily utilized in each of the forecast equations, each was examined for its potential to explain changes in the Participants' historical electric sales.

Population projections were also obtained from the University of Florida's Bureau of Economic and Business Research (BEBR), a widely used resource for Florida utilities. The BEBR projections reflect a slightly more conservative outlook for population growth across the ARP service territories than the W&P projections.

The historical and projected data used in the econometric analysis and resulting forecasting equations reflect a blending of the two data providers (Woods & Poole and BEBR), generally beginning in 2019. The population projections for the two data providers were generally blended by averaging the annual growth rates. All other economic and demographic data provided by Woods & Poole were adjusted by the resulting percentage difference from the Woods & Poole population projections to arrive at a similar blended outlook for these variables. This reflects the idea that population can be viewed as the key underlying indicator across all of these variables (e.g., employment variations imply similar population variations, barring temporary economic fluctuations due to the economic cycle). In limited cases, the forecast reflects varying weights between the two providers' projections, generally to err somewhat on the side of conservatism.

Two of the most influential variables in the 2021 Forecast, household counts and average real personal income, are shown in the Figures below, comparing the most current estimates (labeled "Blend 2021") and projections to those used in the 2020 Load Forecast (labeled "Blend 2020"). Figure 2-3 depicts historical and projected data regarding the total number of households across the 14 counties in which the Current Participants provide service. The flattening of the growth in household counts beginning 2007 and extending through 2010 illustrates the impact of the 2008-2009 recession, at the core of which was the over-extension of the housing market. The comparison reflects a slightly more optimistic growth trend for the current projections.

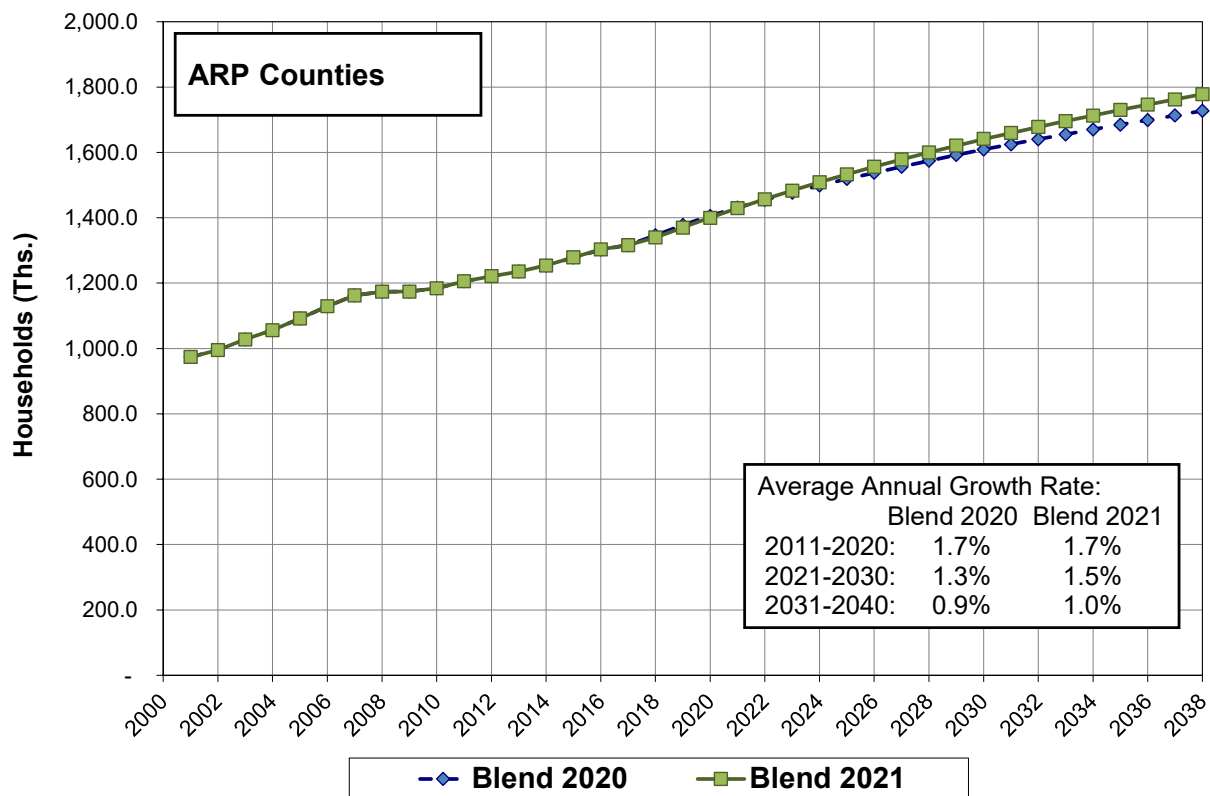


Figure 2-3: Household Counts Across the ARP Counties

Figure 2-4 depicts historical and projected data regarding the average real personal income per household across the counties in which the Current Participants provide service. Data shown are in constant dollars. The impact of the 2008 Recession and the associated housing boom and bust is clearly visible over the 2004-2013 period. The projection reflects a gradual improvement, with the pace of increase projected to be slightly higher than that reflected in the 2020 Forecast.¹⁰

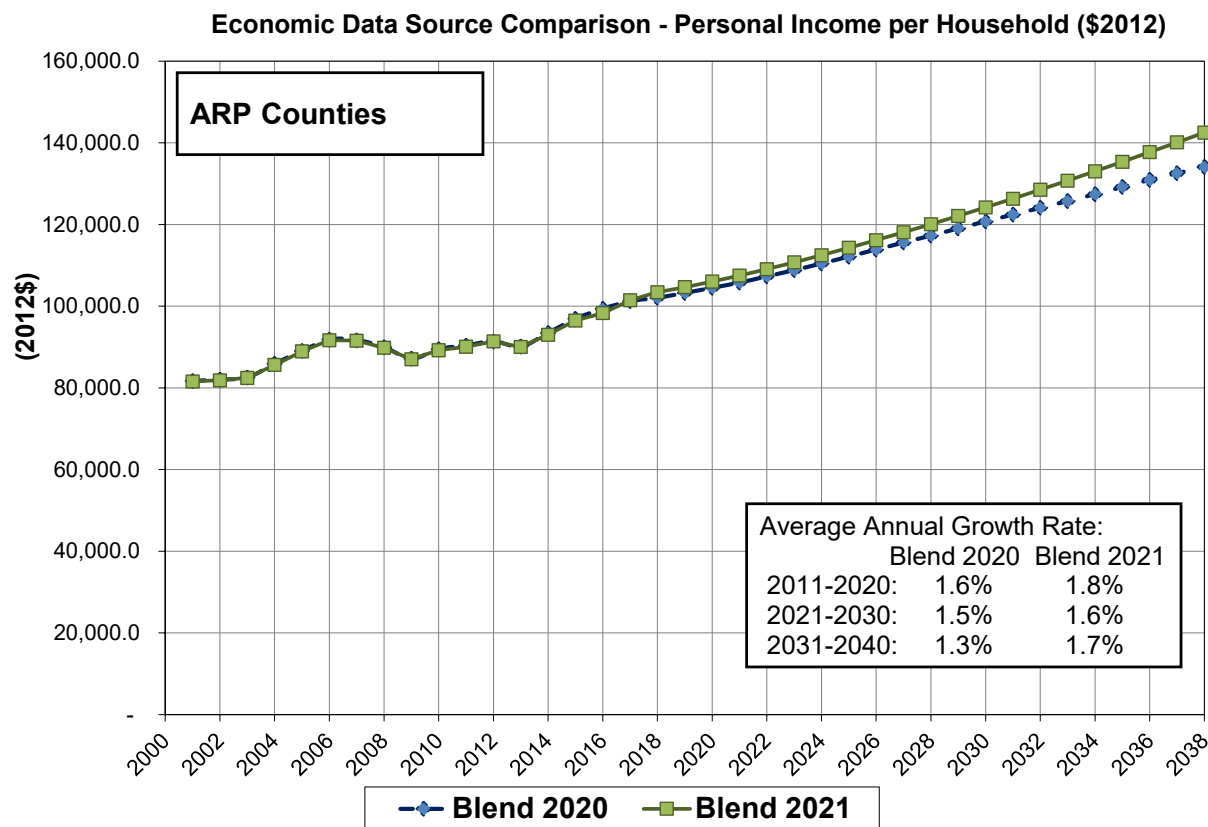


Figure 2-4: Real Average Personal Income per Household Across the ARP Counties

Historical and projected rates of change of the key economic drivers in the Forecast are detailed in the accompanying appendices, in the sections detailing forecasts by Participant. Note that personal income refers to the total income earned by the population in a county rather than average personal income per capita, thereby combining population and income per capita concepts.

In addition to the economic data by county discussed above and detailed in Appendix D for each Participant, data regarding the personal savings rate for the United States was obtained from the St. Louis Federal Reserve. Variations in the personal savings rate were tested to ascertain whether they help explain variations in energy consumption in one of two ways—either as a stand-alone variable or as an adjustment to real personal income (thereby capturing an effective consumed income term). The relevant theory is that the recent deep and prolonged recession and attendant impact on

¹⁰ The 2020 Blend projections have been adjusted slightly over the entire period to correct for differing historical inflation indices.

consumers' savings and home equity may have caused a long-term retrenchment in spending, both on retail goods and services and on energy, relative to prior periods.

Figure 2-5 depicts historical and projected data regarding the personal savings rate. Most visible in the chart is the recent spike in personal savings driven from the impacts of the ongoing coronavirus pandemic on people's spending behavior. While a significant portion of the population, primarily those in the service and tourism industries, remain furloughed or under-employed, a much larger portion of the population has refrained from many activities and has avoided such consumption expenditures, including on restaurants, vacations, and a variety of other leisure activities. This has caused a spike in the savings rate since March 2020, which peaked in April 2020 at nearly 34%. However, as this variable is intended primarily to represent people's propensity for electric consumption rather than overall consumption, the forecast equations reflect the adjusted historical (Adj Historical) data point below for 2020. The forecast horizon reflects an assumed return to the long-term average of 7.3 percent, reflective of the period 1980-2019. Data on this variable specific to Florida are unavailable.

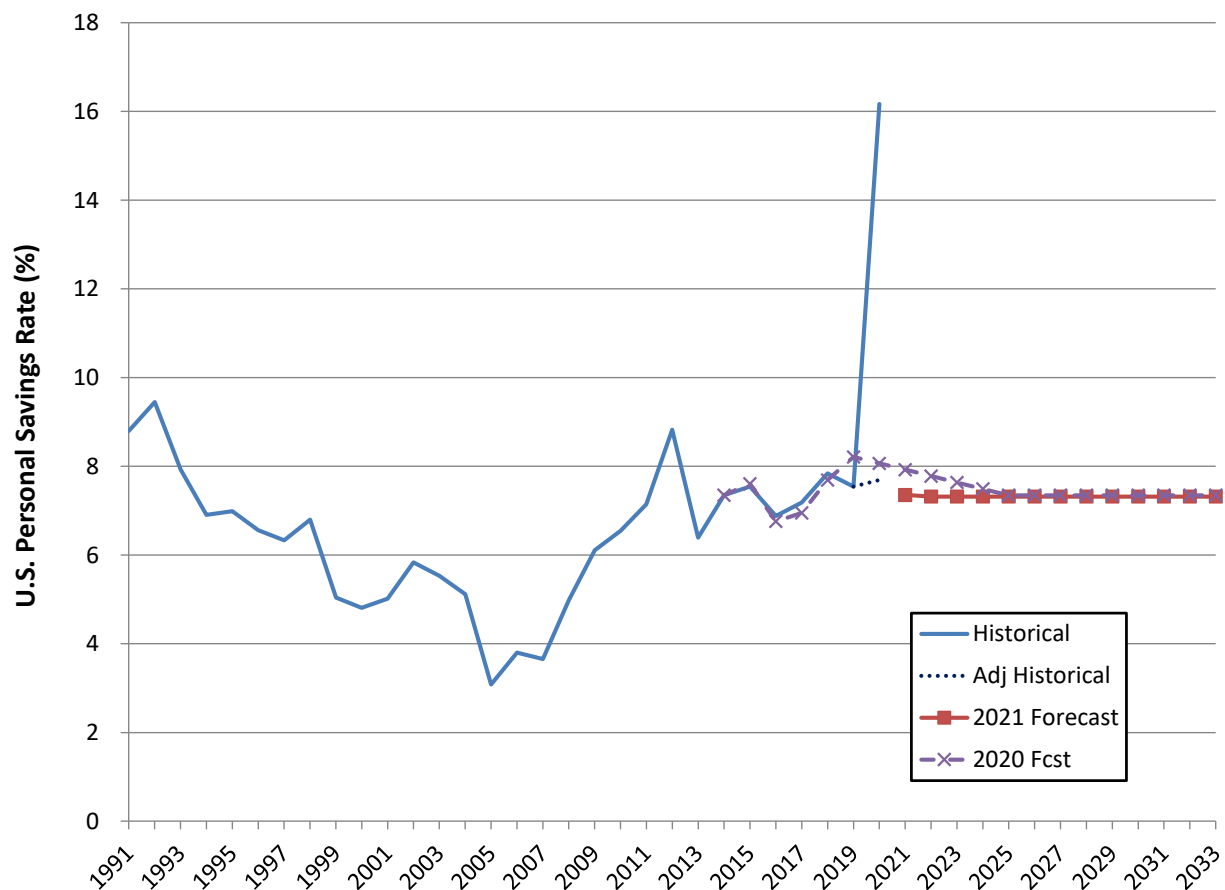


Figure 2-5: Historical and Assumed Future U.S. Personal Savings Rate

REAL ESTATE DATA

During the recent housing crisis, a large number of homes in Florida became vacant, as a result of both foreclosures and investment activity. Some of these homes may still have been connected, billed by the Participants, and counted as residential customers, perhaps being owned by an investor or by a bank and minimally space-conditioned in order to maintain the home but otherwise vacant. These very low usage accounts were a significant cause of the lower level of average consumption in the residential class across the ARP Participants. In order to capture this potential issue across the ARP, historical data regarding housing vacancy rates were obtained from the Bureau of the Census and tested for inclusion in the forecast equations for the residential class. In several cases, housing vacancy rates do appear to be an important driver of average residential consumption, although the lack of data specific to the Participants' service areas is a significant limitation. Projected data are developed based on a return to the long-term historical average over a brief period.

Figure 2-6 depicts historical and projected data regarding the housing vacancy rate for both owned and rented housing units.¹¹ The chart reflects that vacancy rates did increase markedly over the 2006-2012 period but have since returned to levels that are more representative of the long-term history. Rental vacancy rates appear to have fallen somewhat below that level but have begun trending back toward the long-term historical average.

¹¹ Status of housing units, in terms of occupancy and owned versus rental units are determined as part of the Current Population Survey, which combines telephonic surveys with on-site fieldwork. The rental vacancy rate for the U.S. is a component of the index of leading economic indicators, which is used to gauge the current economic climate.

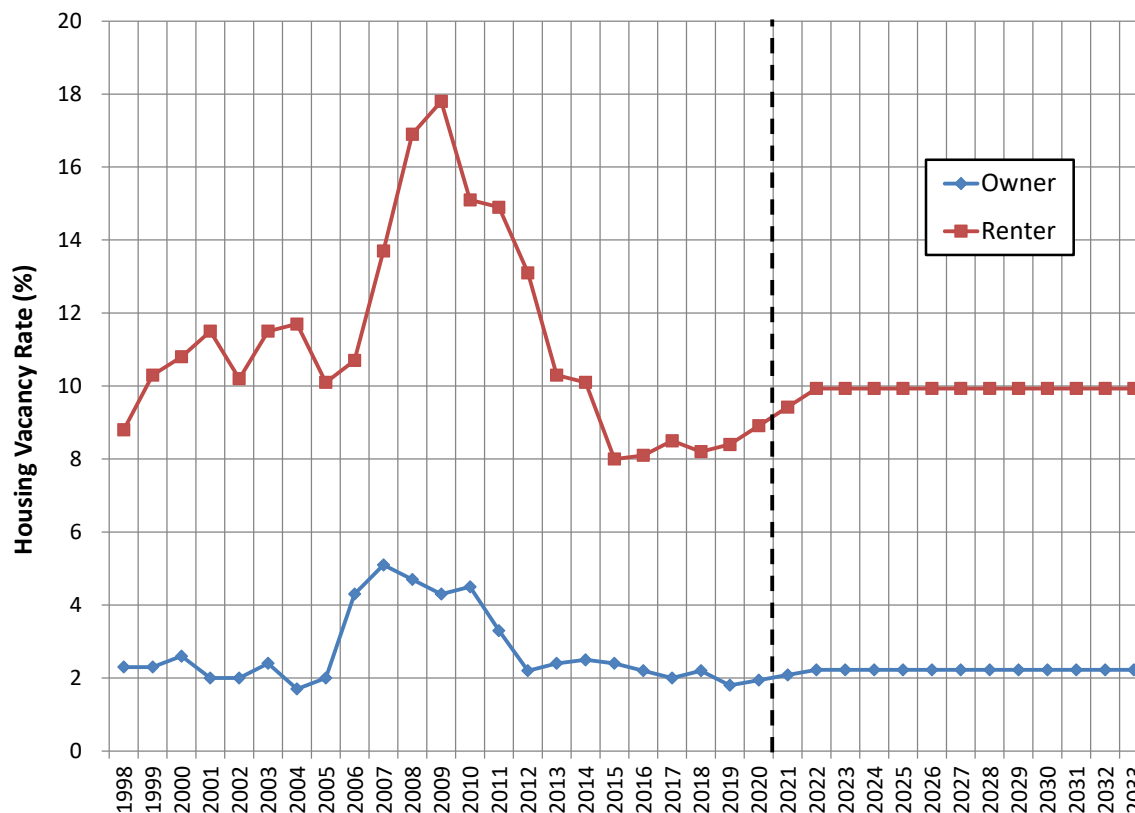


Figure 2-6: Historical and Assumed Future Florida Housing Vacancy Rates

REAL ELECTRICITY PRICE DATA

The real price of electricity is generally represented as a multi-month moving average of real average revenue, based on retail billing data submitted by the Participants to FMPA staff. The moving average period varies from 12 to 60 months (i.e., one to five years) but is in multiples of twelve months to avoid the seasonality that is typical of average electricity revenues, which would be correlated with weather-related influences. It is expected that consistent changes in electricity prices in a given direction over longer periods of time are more likely to yield significant and greater variations in load versus short-term price fluctuations. However, the strong negative correlation between electricity prices and economic data precluded a lengthier lag treatment for the price variable in many cases.

Projected electricity prices are generally based on the 2020 Annual Energy Outlook (AEO) Reference Case, published by the Energy Information Administration (EIA). While the Clean Power Plan (CPP) has been repealed and similar federal regulation is unlikely to be in effect for several years at least, FMPA is assuming herein, for conservatism, that FMPA and the Participants will move toward a greater mix of renewable resources over time, thereby producing similar resulting electricity costs as the CPP. Thus, for purposes of the Load Forecast, the projected prices in the 2020 AEO Reference Case have been adjusted upward to reflect this transition, based generally on the differentials between prior AEO Reference and CPP cases. Projected electricity prices reflect that average real

electricity prices in the state of Florida are expected to grow at approximately 0.4 percent per year over 2021 through 2040. Given an average price elasticity¹² across the retail customers of the ARP Participants of 0.2, this has resulted in a decrease in the projected rate of growth in NEL across the ARP Participants of approximately 0.08% per year.

ENERGY EFFICIENCY STANDARDS

While the economic and electricity price variables are intended to capture discretionary responses of electricity consumers to such economic and market signals, the federal government has additionally engaged in policy actions intended to bring about greater efficiency of energy consumption over many years. The National Appliance Energy Conservation Act of 1987 (NAECA) instituted the first national appliance efficiency standards for a variety of major appliances. Subsequent legislation in 1988, 1992, 2005, and 2007 increased the numbers of end uses with mandated efficiency, now numbering more than 50 products. These laws generally set initial minimum standards and directed the Department of Energy (DOE) to conduct reviews on a regular schedule to determine whether any further increases in the standards were technically feasible and economically justified. For example, the NAECA set the minimum efficiency for split system central air conditioning at the seasonal energy efficiency ratio (SEER) of 10.0, effective January 1992. Later regulatory action by the DOE, supported by the required review and public involvement process, increased the required SEER level for such systems as shown below.

Table 2-1
Florida Energy Efficiency Standard for Split System Air Conditioners and Heat Pumps

Effective Year	SEER
1992	10.0
2006	13.0
2015	14.0
2023	15.0

Similar data regarding other major end uses was combined with estimated delivered efficiency of “white goods” (i.e., clothes washers, electric dryers, refrigerators) provided by the Association of Home Appliance Manufacturers to result in an estimate of total consumption for a typical range of major household end uses. Similar estimates for household lighting were developed capturing the transition of lighting from incandescent to compact fluorescent and light emitting diode (LED) technologies. While future efficiency standards changes are highly uncertain, and there is evidence

¹² Elasticity is a measure of the influence of one variable on another, describing the amount of change that can be expected in one variable from a one-percentage point change in another variable. Therefore, a price elasticity of 0.2 reflects that a one percent change in price will yield a 0.2% impact on demand (while this influence is in the opposite direction in this case, price elasticity is traditionally shown as a positive value). In most cases, including this Load Forecast, this impact occurs after a lag, sometimes as long as several years.

that the economics of increasing standards are challenging, some continued improvement in such standards was assumed over the forecast horizon.

The resulting time series was combined with residential customer counts data by Participant and an assumed overall useful life to develop an estimate of average consumption of the stock of appliances at constant levels of utilization. This set of time series across the Participants was then translated into indices by dividing the value in 1992 by the current year value for potential use in the forecast equations for residential average consumption by Participant.

Figure 2-7 depicts a representative index associated with new stock in the given year and the installed stock, the former immediately impacted by standards changes and the latter impacted over time as (i) appliances are replaced due to aging and (ii) new customers are added with all new stock. It is clear from this data that the standards changes in the 2005-06 timeframe (primarily driven from the HVAC standards discussed above) have had a large impact on home energy efficiency over the succeeding decade or more. The more limited standards changes since then imply far less mandated improvement in home energy efficiency moving forward, unless future regulations of similar impact to those in 2005-06 are introduced.

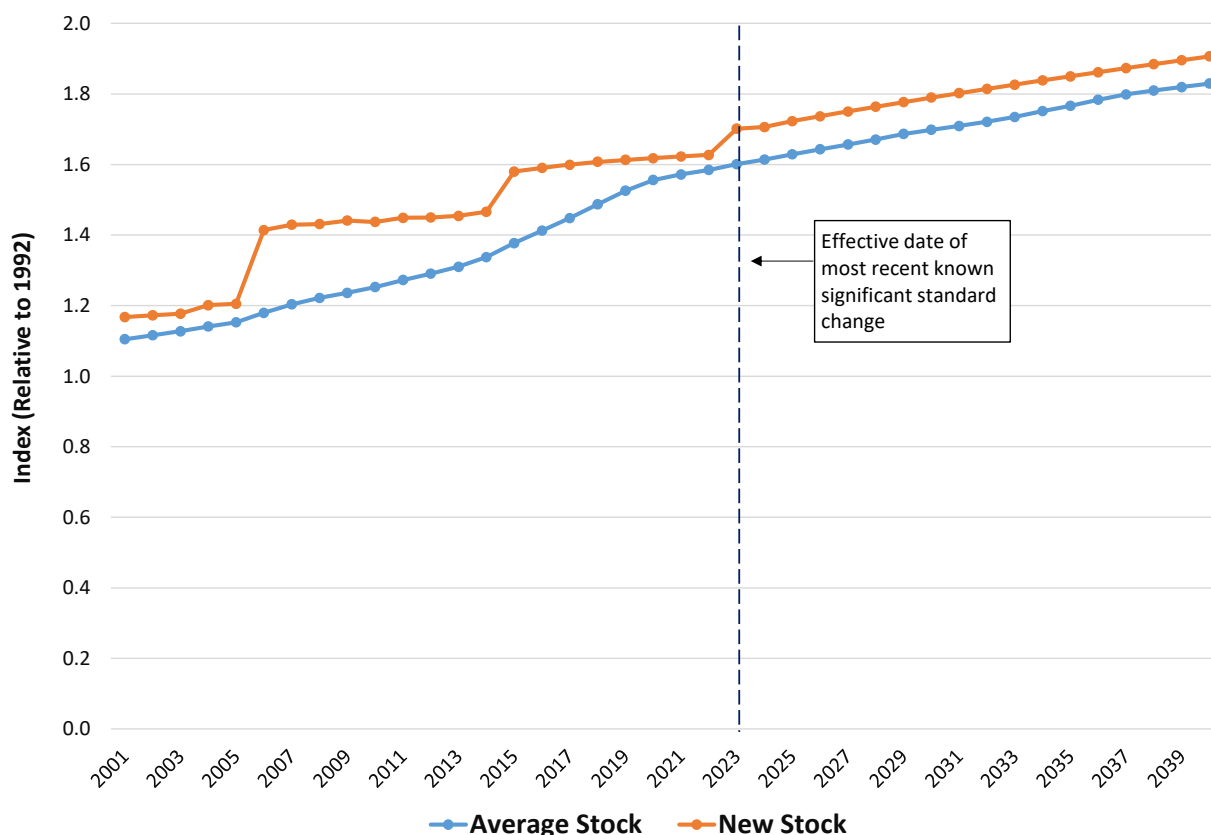


Figure 2-7: Historical and Projected Residential Energy Efficiency Index

The resulting energy efficiency indices were experimented with for inclusion in the residential average use forecast equations for all of the Participants, and in many cases, were retained in the

final equation. In some cases, however, the resulting equation parameters and/or diagnostics precluded their inclusion in the final forecast equations. It appears that the energy efficiency indices tend to be too highly correlated with other important drivers to determine statistically significant and reasonable parameters for the variables in question. However, as these efficiency improvements were active over the historical period, there has been some impact on consumption and the parameters for other variables (e.g., average income), and as such, there is an implicit impact on the forecast of efficiency improvements. Importantly, historical efficiency improvements appear to be more significant than those projected over the next several years, particularly due to the apparent economic constraint on future increases in required residential HVAC efficiency. FMPA intends to continue working to explicitly capture energy efficiency improvements through refining this methodology and developing forecast scenarios to understand the potential impacts of significant improvements in efficiency.

GOOGLE MOBILITY DATA

The 2021 Forecast relies upon economic projections that were published in April 2020 and do not reflect significant impacts of the coronavirus pandemic. Instead, the onset of the COVID-19 pandemic in early 2020 resulted in a significant retrenchment in much of the Florida economy, particularly regions dominated by tourism, universities, and service industries. While tourism in coastal areas rebounded considerably by late summer 2020, portions of central Florida relying on theme park visitation remain soft as far-flung potential U.S. visitors are unwilling to fly to the Orlando-Kissimmee area and international visitation is restricted.

The impact of COVID-19 has resulted in only modest reductions in electricity consumption across the ARP Participants. The extent of impacts has been contained as a function of the relatively small proportion of large-scale commercial and industrial load served by the Participants. Electric consumption on the residential side has been up considerably, given increased daytime occupancy from stay-at-home behavior and increased remote work, both of which have lingered into 2021.

For this Load Forecast, nFront Consulting utilized data published by Google regarding the prevalence of people's location and activity at home versus at commercial business and workplaces (referred to as "mobility") to explain deviations in consumption during 2020 from expected levels, based on economic, weather, and other conditions. The mobility data explained the higher level of residential consumption and lower level of commercial consumption that was evident throughout much of 2020. While a significant portion of this deviation had returned to normal by September 2020, this return to normal was not complete for most ARP participants. nFront Consulting worked with FMPA staff to develop reasonable, conservative assumptions regarding the extent and timing of this continued return to normal. For certain Participants, a less optimistic recovery pattern, shown below as the "pessimistic" pattern, was jointly determined to capture potential downside scenarios that seemed relevant to those Participants. These include Beaches Energy, FPUA, Keys Energy, and KUA.

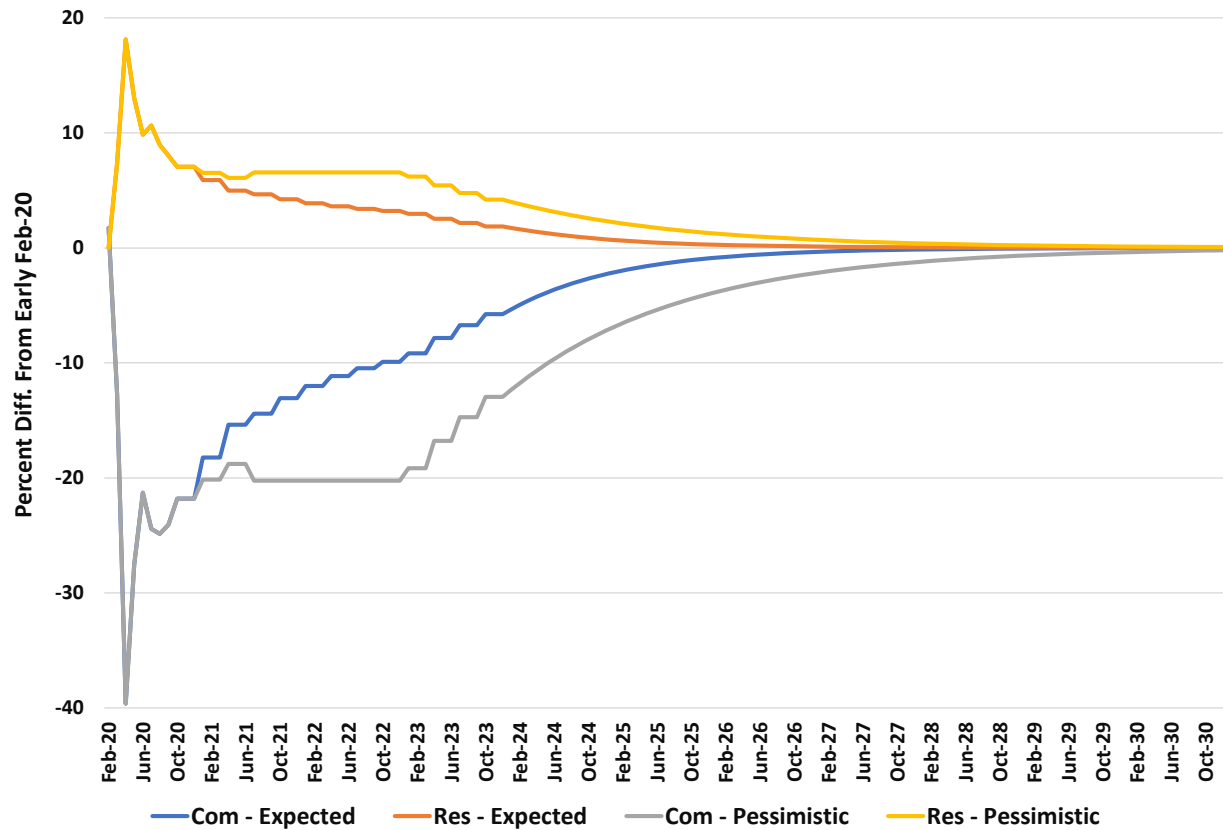


Figure 2-7: Projected Google Mobility Index Trend

Section 3

PRINCIPAL CONSIDERATIONS AND ASSUMPTIONS

In preparing the 2021 Load Forecast, as summarized in this report, we have made certain assumptions, primarily related to economic, demographic, and weather conditions that may occur in the future. With regard to certain of these factors, we have used and relied upon information provided to us, or prepared by others. While we believe the assumptions made by us in preparing the 2021 Load Forecast are reasonable for the purposes of the forecast, they are dependent on future events, and actual conditions may differ from those assumed. While we believe the sources of the information provided to us, or prepared by others, to be reliable and the use of such information to be reasonable for the purposes of the forecast, we offer no other assurances with respect thereto.

To the extent that economic, demographic, weather, or other conditions occur that are different from those assumed by us or from the information provided to us or prepared by others, the actual load on the ARP Participants' systems can be expected to vary from the forecast. It should be emphasized that the confidence associated with any forecast varies inversely with the length of the forecast horizon. The probability of other factors affecting forecasted values increases with uncertainty about future developments; this uncertainty increases with the length of the forecast horizon. With this in mind, the 2021 Load Forecast should be seen as providing reasonable estimates of future demand and energy requirements of the ARP and its Participants for the purposes for which the forecast is intended; however, these estimates are subject to the future effects of factors that cannot be reasonably foreseen at this time.

The development of the 2021 Load Forecast was based upon the following principal consideration and assumptions:

- The future influence on energy sales of the economic, demographic, and weather factors, on which the econometric models are based, was assumed to be similar to their estimated influence generally over the period 1992 through 2020.
- This Forecast assumes a gradual recovery over 2021-2024 from the current economic conditions resulting from the ongoing coronavirus pandemic, with most of that recovery occurring over the next 18-24 months. To the extent the pandemic does not abate over the next several months, as a result of issues with vaccine distribution, effectiveness, and/or acceptance, or significant long-term impacts of the pandemic on the economy or people's behavior develop, load requirements to be served from the ARP may vary from those reflected herein.
- Although the econometric models implicitly account for the historical relationships between energy usage and the following factors to the extent they have occurred in the past, the 2021 Load Forecast does not explicitly reflect extraordinary potential future effects of: (a) increases in appliance design efficiency or building insulation standards; (b) significant conservation

efforts, including those funded by the ARP, the state of Florida, and the federal government, that are not a function of changes in electricity or natural gas prices; (c) development of substitute energy sources, or behind-the-meter generation; (d) consumers switching to traditional or new types of electrical appliances from other alternatives (e.g., electric vehicles); (e) consumers switching from electrical appliances to other alternatives; or (f) variations in load that might result from legal, legislative, regulatory, or policy actions.

- The recent average historical relationships between annual summer and winter non-coincident demands and annual NEL and between monthly NCP demands and annual winter and summer NCP demands were assumed to represent reasonable approximations of future load relationships between demands and energy requirements.
- Ft. Meade elected to take service from the ARP under a Contract Rate of Demand (CROD), effective January 1, 2015. However, as a result of a supplemental power sales agreement, the ARP continues to serve Ft. Meade's full requirements. As the supplemental agreement expires in September 2027, this Forecast assumes the ARP will serve Ft. Meade under a CROD, set at 9.009 MW, beginning October 2027.
- The CROD for Green Cove Springs, effective January 1, 2020, is based on actual load levels during 2019 and has been reflected herein at 23.6 MW. However, as a result of a supplemental service agreement, the ARP continues to serve GCS's full requirements. As the supplemental agreement expires in September 2029, this Forecast assumes the ARP will serve GCS under a CROD beginning October 2029.
- nFront Consulting annually prepares, with FMPA's assistance, planning level projections of Conservation Program activity and load impacts. For this purpose, data regarding the ARP Conservation Program, including historical participation and marginal impacts, are assumed to be accurate. As discussed in Section 1, FMPA has elected not to explicitly capture these projected impacts in the 2021 Load Forecast, as they do not exceed FMPA's threshold for significance. To the extent Conservation Program activity expands in a significant way relative to these projections, there may be a significant impact on future loads to be served by the ARP that is not captured herein.

Section 4

OVERVIEW OF RESULTS

Results of the load forecast included herein for the total ARP are presented in the following two ways:

- **Current Participants:** Reflecting the total load of ARP Participants currently served by the ARP (Current Participants) over the entire historical period and forecast horizon irrespective of the fact that certain Participants were not yet served by the ARP in certain historical periods and certain Participants are anticipated in the future to receive service under a CROD or to discontinue service from the ARP altogether. This allows for results to reflect a consistent set of ARP Participants over the entire historical and forecasted period, which aids in the comparison of growth rates over the period shown.
- **Supplied Load:** Reflecting in each period the total load of ARP Participants actually supplied by the ARP (the “Supplied” loads), which has varied through time as a result of ARP Participants initiating and discontinuing service from the ARP.

The Current Participants basis results are presented first, as this basis reflects a consistent set of ARP Participants over the entire historical and forecasted period, which aids in the comparison of growth rates over the period shown. Subsequently, results are shown on a Supplied basis, which reflects the load that the ARP must actually serve and is directly used in downstream FMPA planning analyses. As previously discussed, these projections are presented on a Net of Incremental PV basis, meaning the forecasted values have been reduced for incremental distributed solar generation associated with the Net Metering Program beyond the capacity installed through 2020.

The results of the Forecast reflect that the Net Energy for Load (NEL) of the Current Participants is expected to grow at compound annual growth rates of 1.0% per year over fiscal years 2021-2030 and 0.9% over 2031-2040. This compares to historical compound annual growth over 2011-2020 of 0.7% per year. However, as discussed further below, NEL during 2020 has been negatively impacted by the on-going coronavirus pandemic, which FMPA estimates caused a reduction in NEL during the most impacted months of 2020 by 2-4%. Were it not for the impact of the pandemic, this historical growth rate would have been higher by 0.2-0.4%. Additionally, the growth rate over the first several years of the forecast horizon is slightly elevated as it reflects an assumed recovery from these conditions over 2021-2024.

The 2021 Forecast reflects that the coincident peak demand of the Current Participants is expected to grow at compound annual growth rates of 1.0% per year over 2021-2030 and 0.9% over 2031-2040. This compares to historical compound annual growth over 2011-2020 of 0.9% per year and over 2012-2020 of 1.7% per year. The Base Case projected fiscal year 2021 NEL and coincident peak of the Current Participants are 6,099 GWh and 1,289.9 MW, respectively.

The 2008-2009 recession had significant negative effects on the housing market, construction and total employment, consumer spending, and visitation by tourists and other seasonal residents. Through 2019, these factors had improved considerably, as shown in the table below, contributing to a sustained recovery in the demand for electricity in the service areas of the ARP Participants.

FY2019 was the first year for which NEL of the Current Participants exceeded the 2006 level, just prior to the 2008-2009 recession. However, the onset of the COVID-19 pandemic in early 2020 caused a significant retrenchment in much of the Florida economy, particularly regions dominated by tourism, universities, and service industries.

Table 4-1
Recent Trends in Florida Economic Indicators

Economic Indicator	2008 Value	2012 Value	2019 Value	2020 Prelim
Home Price Index (2016\$)	213,905	153,928	251,072	279,093
Gross State Product (2016\$; \$M)	803,218	769,309	950,759	-8% YoY in Q2
Unemployment Rate	6.3%	8.5%	3.3%	5.1% (Dec)
Total Employment (Ths)	10,297	10,256	12,375	N/A
Construction Employment (Ths)	693	502	745	N/A
Tourist Visitation Counts (millions)	84.2	91.5	131.4	-30% YoY in Q3

Sources: Florida Association of Realtors, Bureau of Economic Analysis, Bureau of Labor Statistics, Woods and Poole Economics, and Visit Florida

Figure 4-1 depicts the historical, weather-normalized historical, and forecasted fiscal year NEL of the Current Participants. As mentioned above, these results reflect the Current ARP Participants and do not account for the initiation or discontinuation of full requirements service by the ARP of certain Participants during the historical period or over the forecast horizon. Weather during fiscal year 2020 was significantly warmer than normal across much of the Florida peninsula during the summer and milder than normal during the winter (winter 2019/20). The estimation of weather's impact on energy consumption during fiscal year 2020 reflects that NEL across the Current Participants would have been approximately 2.4% lower had weather been normal.

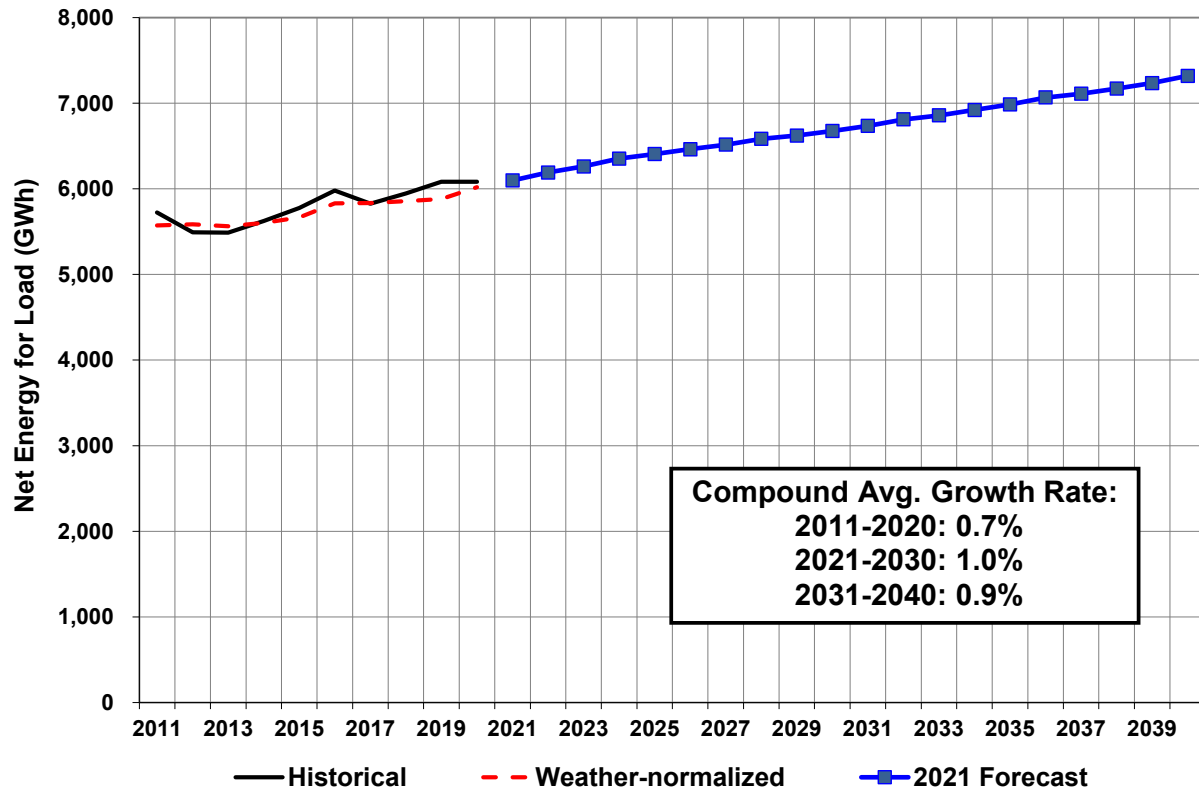


Figure 4-1: Fiscal Year Net Energy for Load of Current Participants

Figure 4-2 below depicts the historical and forecasted summer and winter peak demand of the Current Participants. As the figure shows, the ARP annual coincident peak typically occurs in the summer. As a result of very low penetration of natural gas heating and the generally poor efficiency of electric space heating at low temperatures, the winter coincident peak demand is significantly more volatile than the summer peak and can exceed the summer peak, as it did during winter 2010 and 2011, winter being defined herein as the period November of the preceding year through March of the current year. The more recent winter peak conditions were milder, resulting in a more typical seasonal demand relationship of summer peaks being higher than winter peaks. This relationship is expected to continue in the forecast period, which assumes normal weather conditions.

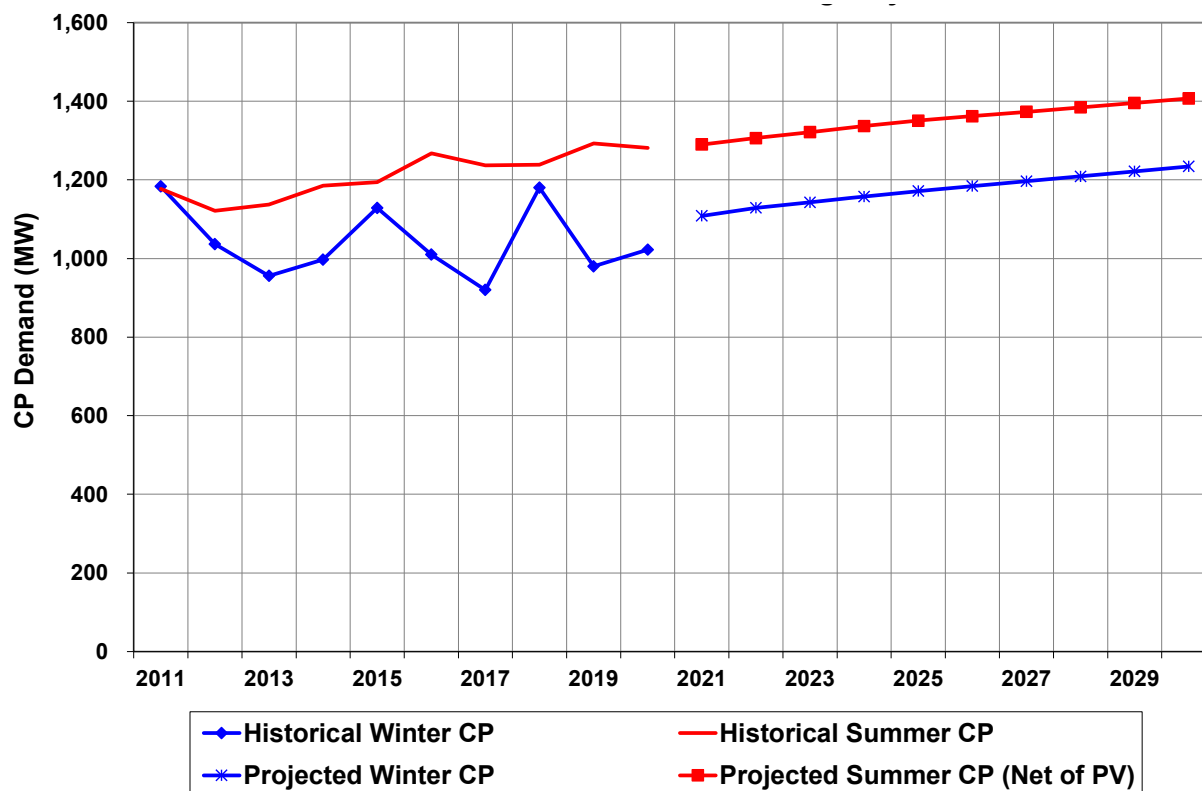


Figure 4-2: Seasonal Peak Demand of the Current Participants

The impact of COVID-19 has resulted in only modest reductions in electricity consumption across the ARP Participants, estimated by FMPA at 2-4% during the most impacted months of 2020. The extent of impacts has been contained as a function of the relatively small proportion of large-scale commercial and industrial load served by the Participants. Conversely, electric consumption on the residential side has been up considerably, given the increased daytime occupancy from stay-at-home behavior and increased remote work, both of which have lingered into 2021. Future load levels are subject to increased uncertainty as a result of the resumption of disconnects, persistently high unemployment (and underemployment), and federal government policy uncertainty and are being monitored daily by FMPA.

The loads actually served by the ARP (Supplied Load) historically have varied from those depicted in Figures 4-1 and 4-2 as a result of the timing of ARP Participants initiating or discontinuing service from the ARP. For example, service under a CROD for Ft. Meade was effective January 2015 at a CROD originally established at 10.36 MW. However, as a result of a supplemental service agreement, the ARP supplies all of Ft. Meade's requirements. As part of the same agreement, the CROD level was reduced to 9.009 MW. The supplemental service agreement expires in September 2027. Similarly, a CROD was established for Green Cove Springs effective January 2020 at 23.6 MW. As a result of a supplemental service agreement, which expires in September 2029, the ARP continues to serve all of Green Cove Springs' requirements. While FMPA anticipates working with these Participants to extend these supplemental service agreements beyond their current expiration, this forecast

assumes the CROD arrangements are once again in effect after their expiration, beginning October 2027 and 2029 for Ft. Meade and Green Cove Springs, respectively.

Figures 4-3 and 4-4 depict the historical and forecasted fiscal year NEL and annual peak demand expected to be supplied from the ARP, reflecting the additions through time of new ARP Participants and the establishment of CROD for Vero Beach, Lake Worth, Green Cove Springs, and Ft. Meade. The historical and projected growth rates are impacted by the portion of load of ARP Participants that the ARP actually served and is expected to serve. The impacts of the initiation of service under a CROD for Ft. Meade and Green Cove Springs is not specifically noted in the Figures below, as it is not sufficiently visible in the charts. Values beyond 2035 are reduced by the assumed expiration of supply agreements for Starke, effective October 2035, and Green Cove Springs, effective October 2037. However, FMPS expects to work with these Participants to extend their supply agreements.

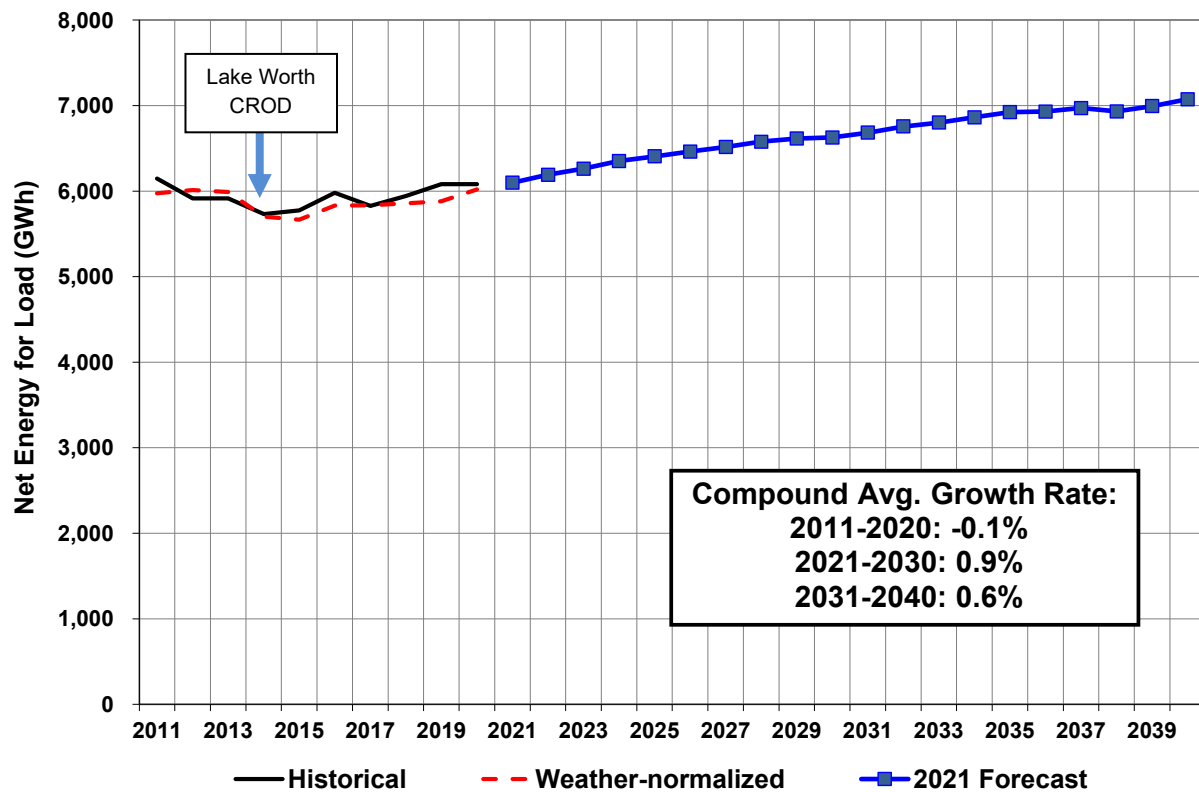


Figure 4-3: Fiscal Year Net Energy for Load Supplied from the ARP

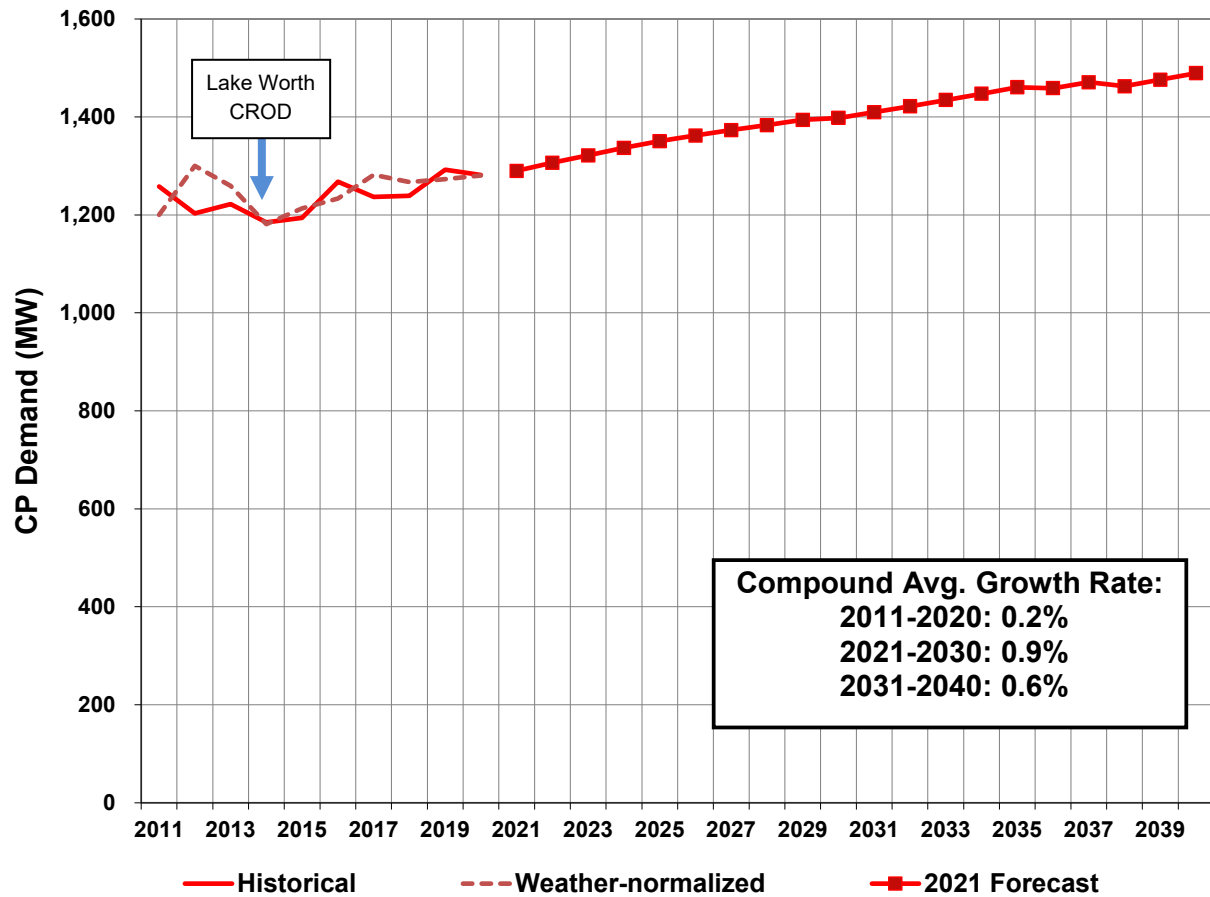


Figure 4-4: Summer Peak Demand Supplied from the ARP

The ARP annual coincident peak typically occurs in the summer, and more often in August than other summer months. However, the annual peak occurs almost as frequently in July. In addition, as discussed previously, the winter coincident peak demand is significantly more volatile than the summer peak and under certain conditions can exceed the summer peak.

Figure 4-5 below depicts the historical and projected summer and winter peak demand to be supplied from the ARP. In this figure, winter is defined as November of the preceding year through March of the current year, with January being the typical winter peak month. Note that the 2019 and 2020 winter peaks (i.e., 2018/19 and 2019/20 winter) reflected relatively mildly conditions across most of the Florida peninsula, with the estimated impact of weather reducing the peak by 10-15% from the level it would have been had winter peak day weather been normal.

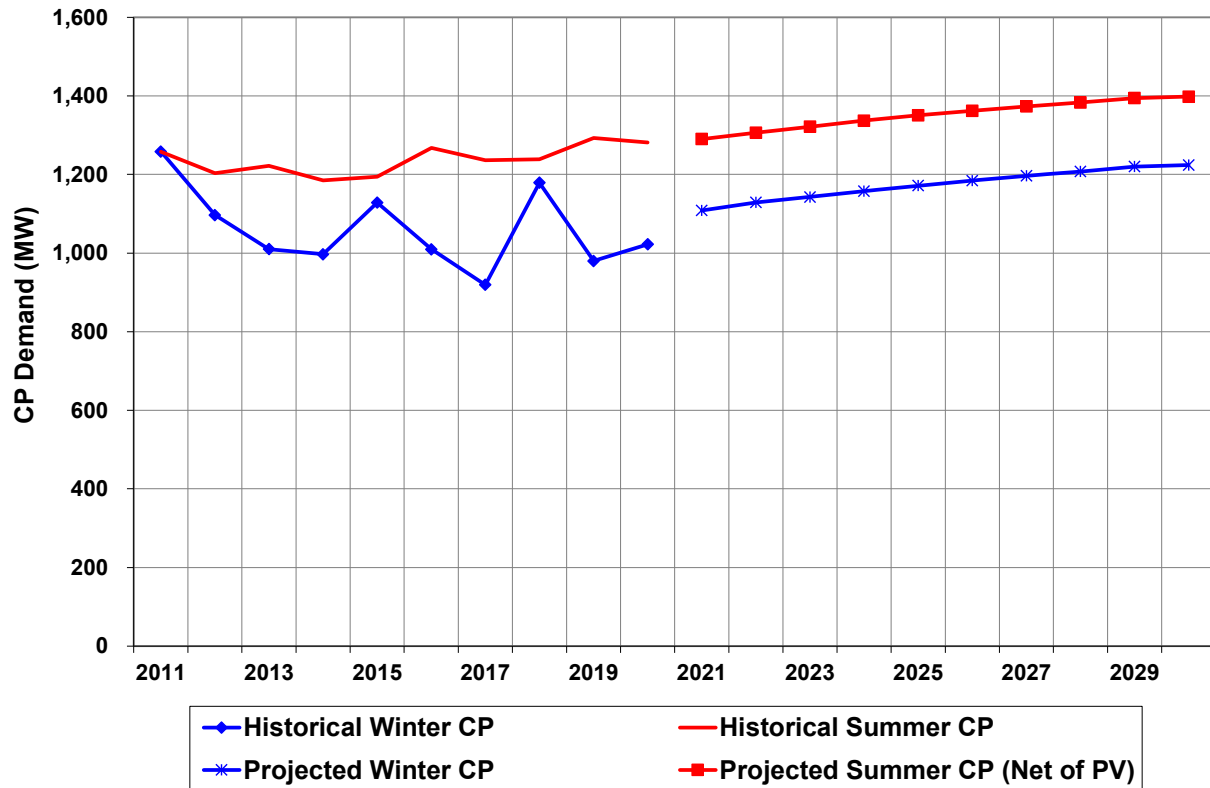


Figure 4-5: Seasonal Peak Demand Supplied from the ARP

The results of the Forecast, irrespective of when Participants are added to, leave the ARP, or otherwise establish service under a CROD, are summarized in Table 4-2 below. As the totals in the table below reflect the sum of *all* Current Participants, they will not tie to those discussed above. Projections by Participant and major customer classification are available in Appendix D that accompanies this report.

Table 4-2
Forecasted Loads Assumed to be Supplied from the ARP

Participant	Annual Coincident Peak Demand (MW) ^[1]					Annual Net Energy for Load (FY; GWh)				
	2021	2025	2030	2035	2040	2021	2025	2030	2035	2040
Bushnell	12.3	13.0	13.5	13.9	14.4	56	59	62	64	66
Clewiston	21.1	21.8	22.2	22.6	23.1	105	109	111	113	116
Ft Meade ^[2]	9.1	9.3	7.8	7.7	7.5	43	44	36	36	35
Ft Pierce	112.8	111.6	113.3	117.1	120.2	600	596	604	623	641
Green Cove Springs ^{[2] [3]}	24.5	26.4	20.9	20.8	0.0	118	126	97	97	0
Havana	4.8	4.8	4.9	5.1	5.3	25	26	26	27	28
Jacksonville Beach	160.1	164.0	167.7	173.1	177.7	730	754	772	797	819
Key West	134.3	140.6	144.9	149.8	154.6	740	780	806	833	860
Kissimmee	378.2	412.4	441.9	471.6	504.5	1,705	1,863	2,001	2,137	2,290
Leesburg	110.8	115.7	120.0	125.9	132.1	507	532	551	579	609
Newberry	9.4	9.9	10.6	11.3	12.0	43	46	49	52	56
Ocala	298.4	306.7	315.5	326.9	337.8	1,358	1,402	1,443	1,495	1,554
Starke ^[3]	14.1	14.6	14.7	14.8	0.0	68	71	71	72	0
Total ARP ^[4]	1,289.9	1,350.6	1,397.9	1,460.6	1,489.3	6,099	6,406	6,628	6,924	7,074

[1] Annual peak demand is the summer peak coincident with the All-Requirements Project.

[2] The forecast reflects that Ft. Meade and Green Cove Springs are served under CROD arrangements effective October 2027 and October 2029, respectively, as the supplemental service agreements with Ft. Meade and Green Cove Springs expire.

[3] Anticipated departure of Starke from the ARP, effective October 2035, and Green Cove Springs, effective October 2037.

[4] Totals may not equal the sum of the Participant values due to rounding.

The 2021 Forecast results reflect a return of strong population growth to the Florida peninsula and growth in residential customer counts and economic activity that this growth in population entails. Importantly, residential average use is projected to be relatively flat over the forecast horizon and is not a growth driver. Figure 4-6 below depicts the comparative growth rates in residential customer counts over 2021-2040 across the ARP Participants ordered by descending compound average growth rate (CAGR), with the line across the chart representing the ARP average growth rate. Kissimmee reflects the highest growth, which significantly affects the overall ARP, as it is the largest ARP member and has by far the largest base of residential customers.

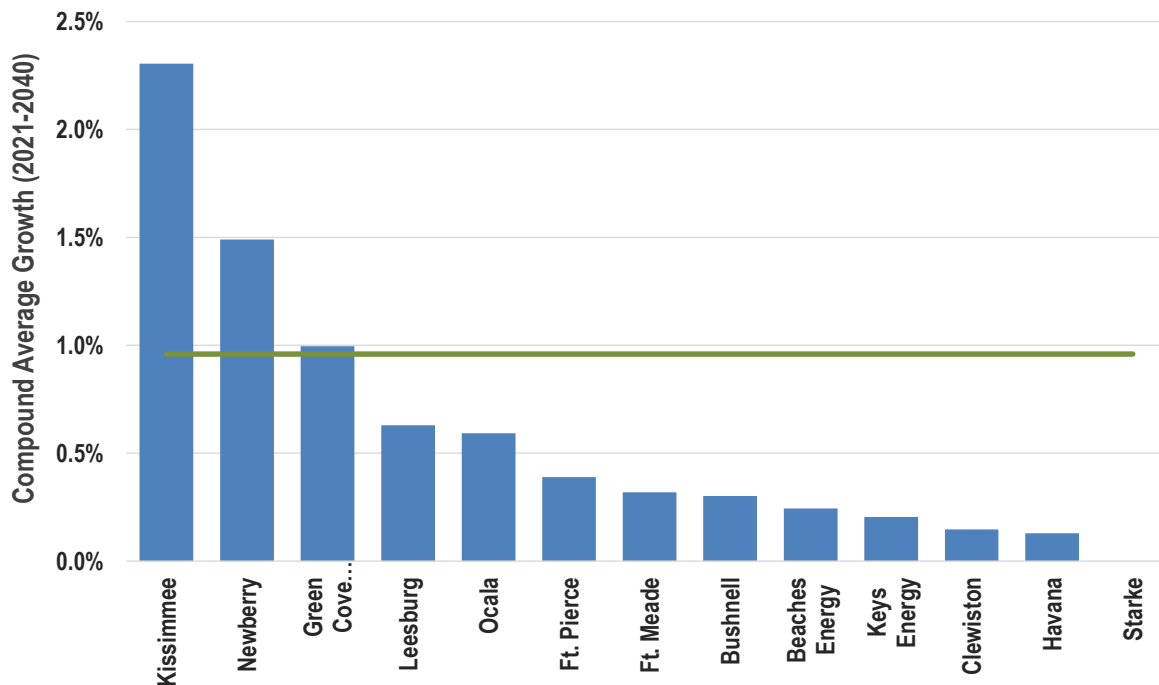


Figure 4-6: Projected Compound Average Growth in Residential Customers

COMPARISON TO ACTUAL RESULTS AND THE 2020 LOAD FORECAST

A similar forecast was completed in early 2020 (2020 Forecast). Net energy for load of the Current Participants for fiscal year 2020, as projected in the 2020 Forecast, was 0.6% lower than the actual value but 0.5% higher than the weather-normalized value, based on a weather-normalization estimation process conducted by FMPA.¹³ The forecasted 2020 summer coincident peak from the 2020 Forecast was approximately 1.0% lower than the actual and weather-normalized 2020 summer coincident peak (i.e., summer peak day conditions in 2020 were close to normal).

Figures 4-7 and 4-8 compare the forecasted fiscal year net energy for load and peak demand, respectively, of the Current Participants of the ARP, from the current 2021 Load Forecast and the 2020 Forecast, both on a gross of incremental PV basis (as this was the basis for the reported values in the 2020 Forecast report). Differences in forecasted NEL for the 2021 Forecast versus 2020 Forecast range from 0.1% higher in FY2021 to 3.6% higher in FY2039, and differences in annual peak demand range from 0.6% higher in FY2021 to 3.8% higher in FY2039. These higher long-term projected load levels are driven primarily from higher projected growth in household counts and average income across the ARP Participants. However, these figures reflect that the current Forecast is very similar to the 2020 Forecast.

¹³ Weather-normalized NEL values prior to FY2020 reflect a less detailed weather-normalization process embedded in the load forecast model. Weather-normalized coincident peak demands reflect a separate estimation process.

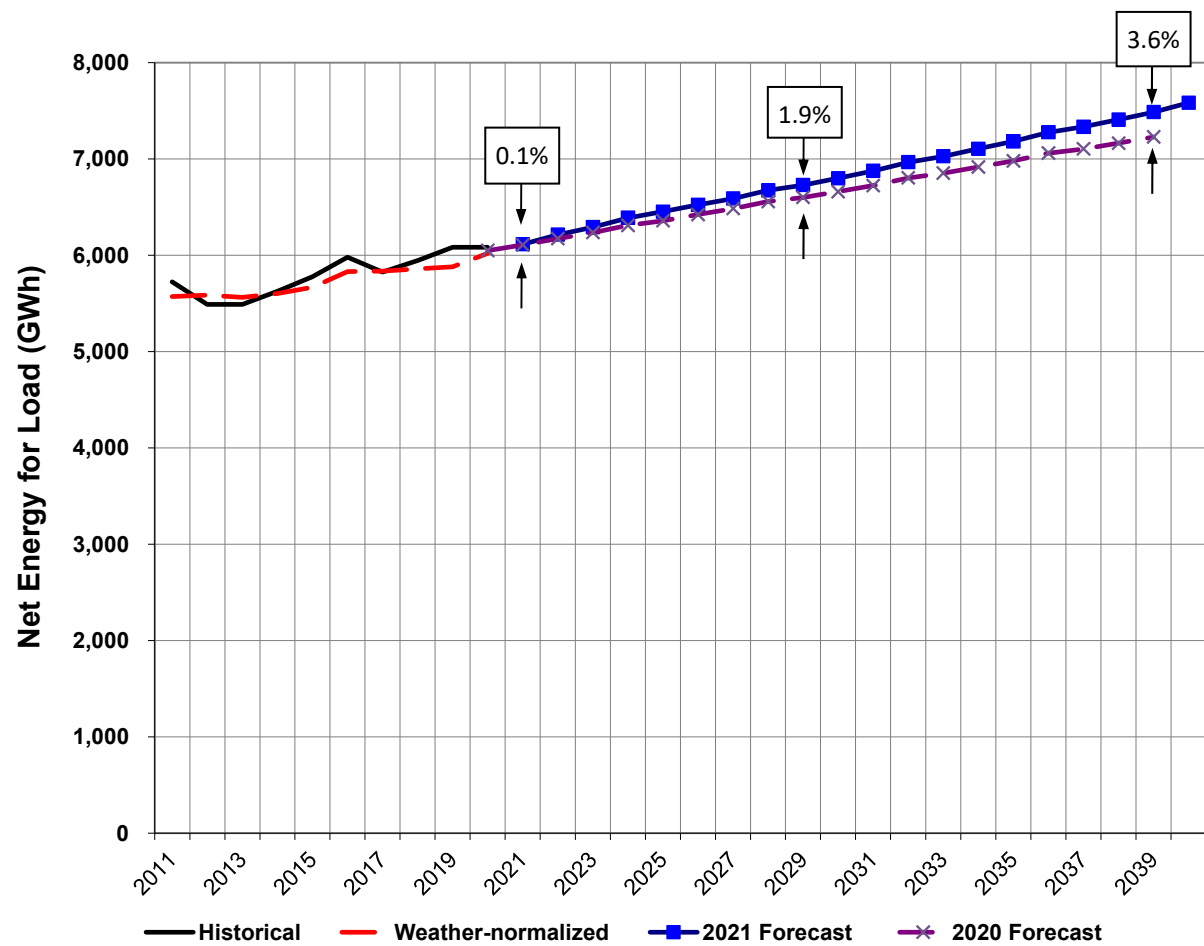


Figure 4-7: Annual Net Energy for Load of the Current Participants

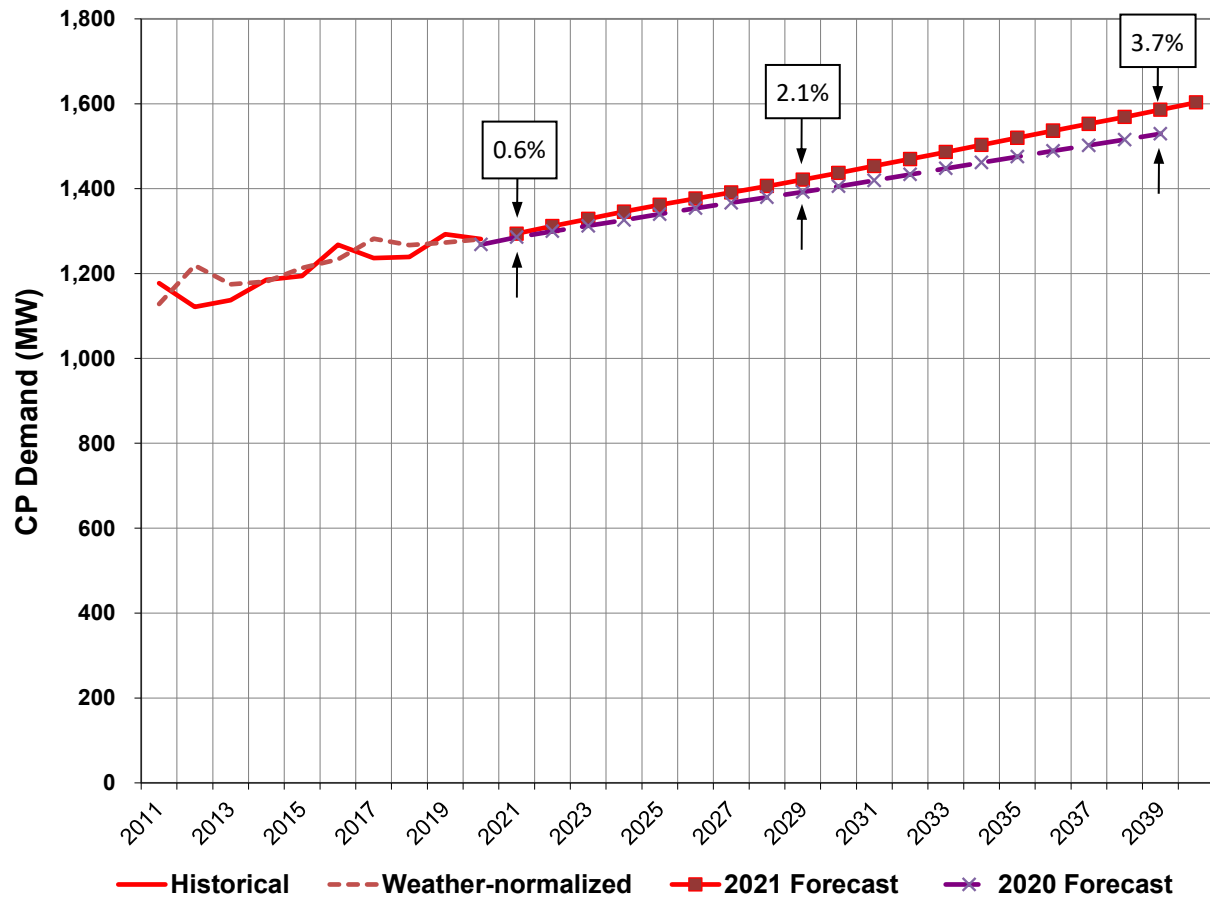


Figure 4-8: Summer Peak Demand of the Current Participants

UNCERTAINTY OF THE FORECAST

While a forecast that is derived from projections of the driving variables, obtained from reputable sources, provides a sound basis for planning, there is significant uncertainty in the future level of such variables. To the extent that economic, demographic, weather, or other conditions occur that are different from those assumed or provided, the actual Participant load can be expected to vary from the forecast. For various purposes, it is important to understand the amount by which the forecast can be in error and the sources of error.

At the direction of FMPA staff, we have produced high and low range results that address potential variance in driving economic and weather variables from the values assumed in the Base Case. There is a significant difference between these two sources of uncertainty. Economic uncertainty tends to result in a deviation from the trend, while weather uncertainty results in volatility around the basic trend. Accordingly, we have produced separate high and low results to address both economic uncertainty and weather uncertainty. These ranges are intended to capture approximately 90% of occurrences (i.e., 1.7 standard deviations).

Economic and Demographic Uncertainty

The Base Case forecast relies on a set of assumptions, developed from projections provided by Woods & Poole and BEBR, about future population and economic activity in the counties surrounding the Participants. However, such projections are unlikely to exactly match the resulting data as future periods become history. While it is sensible to place significant weight on the Base Case, it would be useful to develop some estimate of the range of potential outcomes and the impact on load.

While BEBR does not publish information regarding the potential error of their projections, we relied on such statistics from Woods & Poole, which relies on a similar underlying data set and methodology. Woods & Poole publishes several statistics that define the average amount by which various projections they have prepared over 1984 through 2018 are different from actual results. We have utilized these statistics to develop ranges of the trends of economic activity and population representing approximately 90% of potential outcomes (i.e., 1.7 standard deviations). Table 4-3 below provides the amount by which the economic projections were adjusted upward and downward from the Base Case assumptions to develop the High and Low Economic Cases. Other economic data, such as retail sales and gross domestic product, were assumed to vary by the same degree as income.

Table 4-3
Economic Scenarios – Assumed Variance from Base Case (+/-)

	Population	Employment	Income	Income Per Capita
2021	2.1%	4.1%	5.5%	4.0%
2022	3.3%	6.1%	7.8%	5.6%
2023	4.3%	7.7%	9.6%	6.8%
2024	5.1%	9.1%	11.1%	7.8%
2025	5.9%	10.3%	12.4%	8.7%
2026	6.7%	11.4%	13.6%	9.5%
2027	7.4%	12.5%	14.7%	10.2%
2028	8.0%	13.5%	15.7%	10.8%
2029	8.7%	14.4%	16.7%	11.4%
2030	9.3%	15.3%	17.6%	12.0%
2031	9.9%	16.1%	18.5%	12.5%
2032	10.4%	17.0%	19.3%	13.0%
2033	11.0%	17.7%	20.1%	13.5%
2034	11.5%	18.5%	20.9%	13.9%
2035	12.1%	19.2%	21.6%	14.3%
2036	12.6%	20.0%	22.3%	14.8%
2037	13.1%	20.7%	23.0%	15.2%
2038	13.6%	21.3%	23.7%	15.6%
2039	14.0%	22.0%	24.4%	15.9%
2040	14.5%	22.7%	25.0%	16.3%

Figure 4-9 below depicts the forecast of summer CP demand resulting from the High and Low Economic Cases as compared to historical and weather-normalized data and the Base Case for the

Current Participants. The Low and High Economic Cases reflect compound annual growth rates for the net energy for load and summer coincident peak of the Current Participants that range from approximately 0.1% to 1.7% over 2021 to 2030 and from 0.4% to 1.3% over 2031 to 2040. This compares to compound annual growth rates for the Base Case of 1.0% over 2021 to 2030 and 0.9% over 2031 to 2040. Note that the upper end of the potential forecast range reflects the fact that growth is somewhat attenuated in the forecast models by the assumptions surrounding limits to growth for certain Participants, including Fort Pierce, Jacksonville Beach, and Key West.

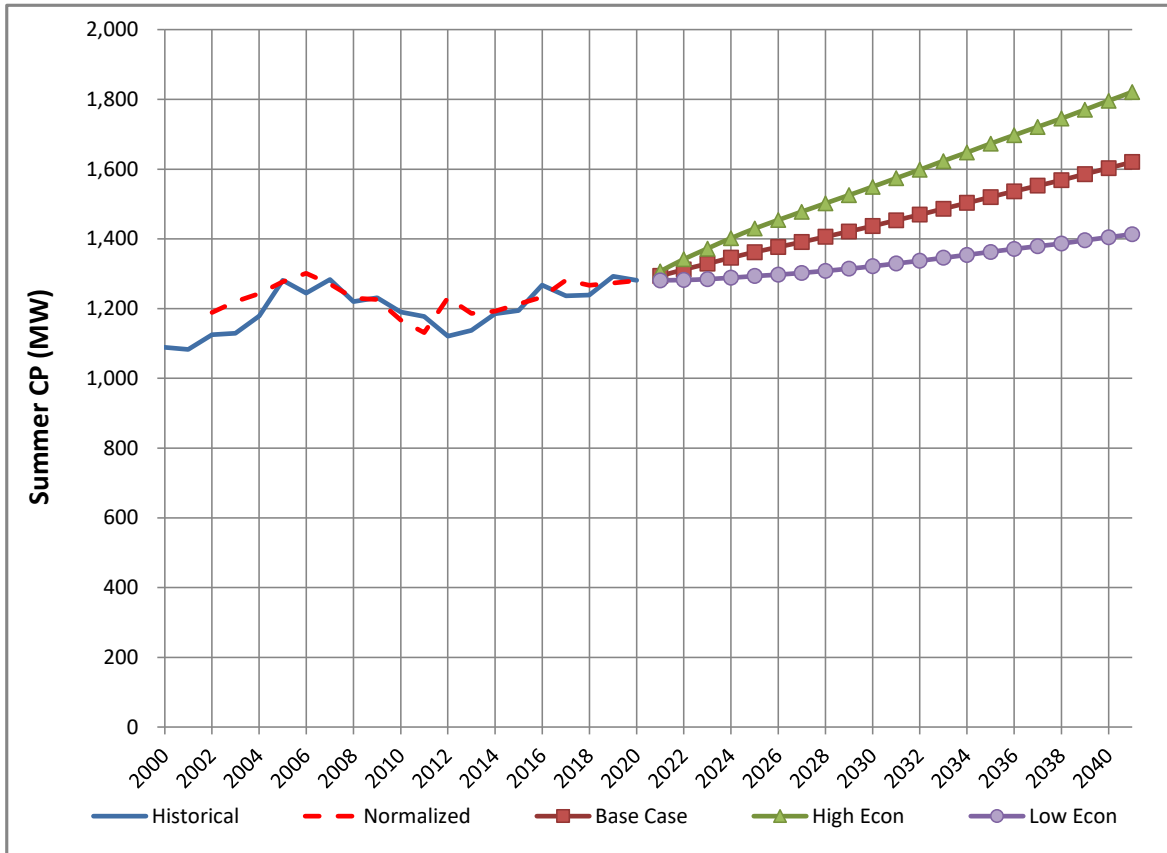


Figure 4-9: Economic-related Uncertainty in Summer CP Demand – Current Participants

We have relied on potential error statistics related to projections at the state level so that the projections of each Participant can be summed to represent a consistent case. However, the projections of the Participants are not perfectly correlated. By its very nature, the aggregate economy and population comprising the load supplied from the ARP will exhibit significantly less volatility than any individual Participant's service area. Therefore, care should be exercised when using these alternative growth scenarios, as the plausible range of results for any *individual* Participant may be considerably wider than that shown.

Finally, the statistics obtained from Woods & Poole regarding historical economic forecasting error pertain to statistics both over a specific historical period and across the U.S. The majority of this period happened to be relatively stable by long-term standards and in comparison to the 2008 recession. Similarly, the economy of Florida may exhibit fluctuations of different magnitude than

represented by the combined range of errors exhibited across the U.S. These statistics are updated annually by Woods & Poole. nFront continuously monitors these error statistics published by Woods and Poole and updates the assumptions for use in the Load Forecast, as appropriate.

The ranges of forecasts shown in Appendices E and F imply that the load projections of the individual Participants exhibit different levels of sensitivity to variation in the driving variables. This is due to differences in: (i) the responsiveness of the energy requirements of the Participants to changes in the input assumptions and (ii) the percentage of the total Participant sales that certain large customers comprise of various Participants' total loads. These large customers' energy sales were forecasted separately based on information provided by the Participants or FMPA staff, and such forecasts were assumed to be independent of changes in the local economy and, in some cases, weather. Although this assumption is somewhat simplified, it does illustrate that the energy requirements of some of the Participants are very dependent on a few large customers.

Weather Uncertainty

In addition to the Base Case forecast, which relies on normal weather conditions, we have developed high and low forecasts, referred to herein as the Severe and Mild Weather cases, intended to capture the volatility resulting from weather variations equivalent to 90% of potential occurrences. Accordingly, load variations due to weather should be outside the resulting "band" between the Mild and Severe weather cases less than 1 out of 10 years.

The potential weather variability was developed using weather data specific to each weather station generally over the period 1971-2020. While these weather volatility statistics are generally updated each year, they tend to be fairly stable given the lengthy historical data period (setting aside significant deviations from normal, such as winter 2016/17, which can have a noticeable impact).

The scenarios are intended to represent the range of potential weather experienced in the summer and winter seasons, encompassing June through September and December through February, respectively. These weather scenarios simultaneously reflect more and less severe weather conditions in both seasons, although this is less likely to happen than severe conditions in one season or the other. This was done to support downstream analyses to be prepared by FMPA staff. It should be recognized that for other purposes, annual NEL may be somewhat less volatile than the annual NEL variation shown in the appendices.

Finally, the weather assumptions reflect that the variability of seasonal weather among the weather stations is perfectly correlated. While this is not generally the case in continuous data, the correlation increases dramatically at the extremes. In other words, the years of extreme weather, mild or severe, tend to be widespread.

Figure 4-10 below depicts the forecast of summer CP demand resulting from the Severe and Mild Weather Cases as compared to historical and weather-normalized data and the Base Case for the Current Participants. The weather scenarios result in bands of uncertainty around the Base Case that are essentially constant through time, so that the projected growth rate is the same as the Base Case.

The differential between the Severe Case and Base Case is somewhat larger than between the Mild Case and Base Case as a result of a somewhat non-linear response of load to weather.

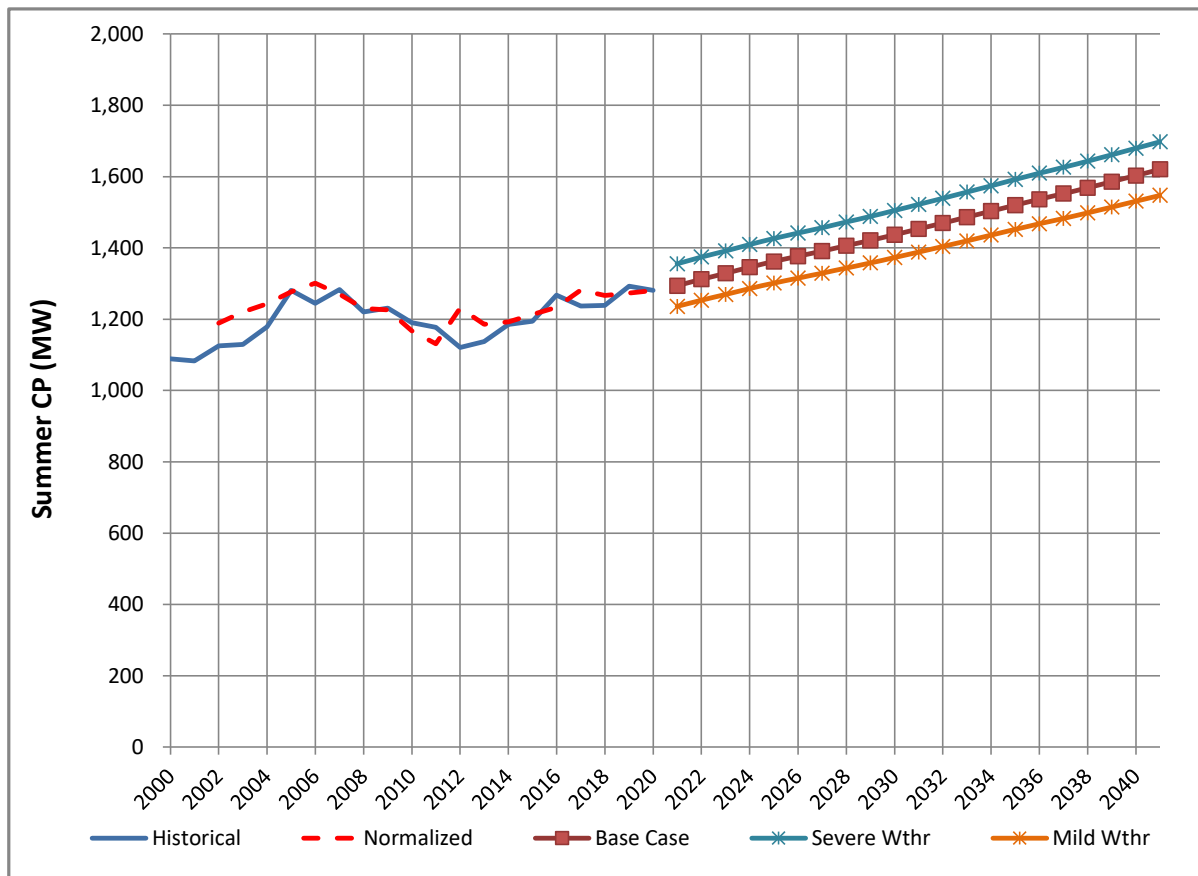


Figure 4-10: Weather-related Uncertainty in Summer CP Demand – Current Participants

Net energy for load for the summer season in any particular year in the Severe Case was higher than the Base Case by 4.8% and lower in the Mild Case by 4.6%. Winter NEL was higher in the Severe Case by 8.7% and lower in the Mild Case by 7.3% than the Base Case results. The band around winter NEL is larger than the summer NEL primarily because the uncertainty of winter weather is greater than for the summer.

It should be noted that these weather scenarios are focused on specific seasons, in total, rather than individual months. NEL in any *particular* month may be more volatile than shown herein, and the off-peak months, which sometimes exhibit weather conditions more like peak months, may also be more volatile than the winter or summer seasons. In addition, because of the methodology that derives peak demand from NEL via constant load factor assumptions, annual summer and winter peak demand may be somewhat more volatile with respect to weather than shown herein.

Detailed forecast results by ARP Participant for these scenarios are shown in Appendix D.

Section 5

CONCLUSIONS AND RECOMMENDATIONS

It is important to recognize that no forecast will prove to be perfectly accurate once projected periods become history. The 2021 Load Forecast is no exception. The econometric equations on which the Forecast is based demonstrate that energy consumption is driven by population, economic forces, end use technology, and weather in fairly predictable ways. However, these drivers are anything but predictable. Overall population growth is somewhat predictable, but migration rates and the pace of economic activity are highly uncertain. At the local level, the uncertainty of future population and economic growth increases dramatically, both due to increased migration volatility and the focus on a smaller number of economic agents (residents, businesses, industries, etc.). It is in this environment that forecasts of the power requirements of the ARP Participants must be developed.

The ongoing coronavirus pandemic creates an environment of heightened uncertainty, as a result of the combination of uncertainty in incidence rates, government responses, and changes in people's behavior. The continued reticence by consumers to resume normal activities and resulting length of the economic downturn has forced a significant portion of service- and tourism-oriented businesses to temporarily close or significantly curtail operating hours. The gradual resumption of utility disconnects may provide some indication regarding the potential for widespread permanent closures. At this point, however, the economic projections continue to reflect a sustained recovery as the vaccine roll-out and natural herd immunity attenuates virus incidence rates. FMPA is coordinating with the ARP members to keep track of delinquencies and at this time does not perceive this negative scenario as having a high likelihood of occurring.

The 2021 Load Forecast represents a reasonable and prudent basis for typical utility planning purposes. However, considering the uncertainties discussed above and further herein, the ARP Load Forecast must be viewed as a guide only, and plans for large capital expenditures, which are based on such forecasts, made with care and with an allowance for flexibility.

In consultation with nFront Consulting, FMPA has a process in place to continually review factors that may be impacting energy consumption across the ARP Participants, whether and how those factors are represented in the ARP load forecast, and if any improvements in this representation is warranted. In addition, FMPA periodically prepares alternative projections reflecting variations in the representation of these factors as load forecast scenarios to aid in its long-term planning process.

Appendix A
TOTAL ALL REQUIREMENTS PROJECT

FMPA 2021 Load Forecast - Base Case
Total Agency - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	6,147,277	-	5,975,503	-	-2.8%	1,258.3	-	1,184.1	-	-5.9%	1,258.2	-	1,200.2	-	-4.6%
	2012	5,914,360	-3.8%	6,010,714	0.6%	1.6%	1,096.7	-12.8%	1,056.6	-10.8%	-3.7%	1,203.3	-4.4%	1,300.0	8.3%	8.0%
	2013	5,914,988	0.0%	5,990,932	-0.3%	1.3%	1,009.9	-7.9%	984.6	-6.8%	-2.5%	1,222.0	1.6%	1,259.6	-3.1%	3.1%
	2014	5,733,592	-3.1%	5,702,238	-4.8%	-0.5%	996.9	-1.3%	1,077.1	9.4%	8.0%	1,185.1	-3.0%	1,181.1	-6.2%	-0.3%
	2015	5,775,332	0.7%	5,668,496	-0.6%	-1.8%	1,128.2	13.2%	1,001.8	-7.0%	-11.2%	1,194.1	0.8%	1,213.1	2.7%	1.6%
	2016	5,979,483	3.5%	5,831,494	2.9%	-2.5%	1,009.6	-10.5%	1,040.1	3.8%	3.0%	1,267.4	6.1%	1,233.5	1.7%	-2.7%
	2017	5,825,558	-2.6%	5,835,713	0.1%	0.2%	919.4	-8.9%	931.8	-10.4%	1.3%	1,236.4	-2.4%	1,281.8	3.9%	3.7%
	2018	5,945,319	2.1%	5,859,079	0.4%	-1.5%	1,178.9	28.2%	1,126.6	20.9%	-4.4%	1,238.9	0.2%	1,267.0	-1.2%	2.3%
	2019	6,082,512	2.3%	5,880,664	0.4%	-3.3%	979.8	-16.9%	1,135.9	0.8%	15.9%	1,292.4	4.3%	1,273.0	0.5%	-1.5%
	2020	6,082,634	0.0%	6,020,274	2.4%	-1.0%	1,022.3	4.3%	1,100.3	-3.1%	7.6%	1,281.4	-0.9%	1,280.6	0.6%	-0.1%
Projected	2021	6,115,938	0.5%	6,115,938	1.6%		1,108.4	8.4%	1,108.4	0.7%		1,293.9	1.0%	1,293.9	1.0%	
	2022			6,214,272	1.6%				1,128.8	1.8%				1,311.8	1.4%	
	2023			6,291,367	1.2%				1,142.7	1.2%				1,328.4	1.3%	
	2024			6,389,907	1.6%				1,157.4	1.3%				1,345.6	1.3%	
	2025			6,453,702	1.0%				1,171.6	1.2%				1,361.9	1.2%	
	2026			6,523,733	1.1%				1,184.5	1.1%				1,376.4	1.1%	
	2027			6,590,514	1.0%				1,196.5	1.0%				1,390.9	1.1%	
	2028			6,667,941	1.2%				1,207.3	0.9%				1,404.7	1.0%	
	2029			6,722,507	0.8%				1,220.1	1.1%				1,419.7	1.1%	
	2030			6,753,174	0.5%				1,224.1	0.3%				1,427.6	0.6%	
	2031			6,825,194	1.1%				1,237.1	1.1%				1,443.1	1.1%	
	2032			6,912,912	1.3%				1,249.9	1.0%				1,458.8	1.1%	
	2033			6,971,216	0.8%				1,263.1	1.1%				1,475.0	1.1%	
	2034			7,046,165	1.1%				1,276.7	1.1%				1,491.1	1.1%	
	2035			7,120,812	1.1%				1,289.8	1.0%				1,507.5	1.1%	
	2036			7,141,042	0.3%				1,289.2	0.0%				1,508.7	0.1%	
	2037			7,195,498	0.8%				1,302.0	1.0%				1,523.8	1.0%	
	2038			7,167,990	-0.4%				1,290.8	-0.9%				1,518.5	-0.3%	
	2039			7,243,075	1.0%				1,304.1	1.0%				1,535.0	1.1%	
	2040			7,336,651	1.3%				1,317.9	1.1%				1,551.7	1.1%	
CAGR ^[3]	2011-2020		-0.1%		0.1%			-2.3%		-0.8%			0.2%		0.7%	
	2021-2030				1.1%					1.1%					1.1%	
	2031-2040				0.8%					0.7%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

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Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Base Case
Total Agency - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	6,147,277	-	6,147,277	-	1,293.0	1,300.2	1,293.0	1,300.2	1,258.3	1,258.2	1,258.3	1,258.2
	2012	5,914,360	-3.8%	5,914,360	-3.8%	1,119.9	1,250.8	1,119.9	1,250.8	1,096.7	1,203.3	1,096.7	1,203.3
	2013	5,914,988	0.0%	5,914,988	0.0%	1,072.3	1,258.0	1,072.3	1,258.0	1,009.9	1,222.0	1,009.9	1,222.0
	2014	5,733,592	-3.1%	5,733,592	-3.1%	1,071.5	1,216.5	1,071.5	1,216.5	996.9	1,185.1	996.9	1,185.1
	2015	5,775,332	0.7%	5,775,332	0.7%	1,148.8	1,229.1	1,148.8	1,229.1	1,128.2	1,194.1	1,128.2	1,194.1
	2016	5,979,483	3.5%	5,979,483	3.5%	1,060.8	1,291.0	1,060.8	1,291.0	1,009.6	1,267.4	1,009.6	1,267.4
	2017	5,825,558	-2.6%	5,825,558	-2.6%	980.7	1,267.1	980.7	1,267.1	919.4	1,236.4	919.4	1,236.4
	2018	5,945,319	2.1%	5,945,319	2.1%	1,219.5	1,252.9	1,219.5	1,252.9	1,178.9	1,238.9	1,178.9	1,238.9
	2019	6,082,512	2.3%	6,082,512	2.3%	1,026.5	1,311.1	1,026.5	1,311.1	979.8	1,292.4	979.8	1,292.4
	2020	6,082,634	0.0%	6,048,633	-0.6%	1,058.6	1,312.8	1,168.9	1,301.0	1,022.3	1,281.4	1,103.4	1,268.2
Projected	2021	6,115,938	0.5%	6,108,282	1.0%	1,175.0	1,326.4	1,184.9	1,318.9	1,108.4	1,293.9	1,118.4	1,285.7
	2022	6,214,272	1.6%	6,174,276	1.1%	1,196.5	1,344.7	1,199.2	1,332.8	1,128.8	1,311.8	1,132.1	1,299.3
	2023	6,291,367	1.2%	6,235,304	1.0%	1,211.0	1,361.7	1,211.2	1,346.0	1,142.7	1,328.4	1,143.7	1,312.3
	2024	6,389,907	1.6%	6,310,834	1.2%	1,226.5	1,379.2	1,222.4	1,359.8	1,157.4	1,345.6	1,154.8	1,325.9
	2025	6,453,702	1.0%	6,359,650	0.8%	1,241.8	1,395.8	1,234.8	1,374.0	1,171.6	1,361.9	1,166.5	1,339.8
	2026	6,523,733	1.1%	6,423,663	1.0%	1,255.4	1,410.6	1,247.2	1,388.2	1,184.5	1,376.4	1,178.5	1,353.7
	2027	6,590,514	1.0%	6,484,566	0.9%	1,268.0	1,425.3	1,259.0	1,401.5	1,196.5	1,390.9	1,189.9	1,366.8
	2028	6,667,941	1.2%	6,550,284	1.0%	1,278.8	1,439.3	1,268.0	1,412.9	1,207.3	1,404.7	1,198.9	1,378.0
	2029	6,722,507	0.8%	6,592,380	0.6%	1,292.4	1,454.6	1,279.4	1,425.4	1,220.1	1,419.7	1,209.6	1,390.3
	2030	6,753,174	0.5%	6,611,964	0.3%	1,296.2	1,462.5	1,281.1	1,430.9	1,224.1	1,427.6	1,211.8	1,395.8
	2031	6,825,194	1.1%	6,671,841	0.9%	1,309.8	1,478.2	1,292.5	1,444.4	1,237.1	1,443.1	1,222.7	1,409.1
	2032	6,912,912	1.3%	6,750,105	1.2%	1,322.9	1,494.3	1,304.0	1,458.4	1,249.9	1,458.8	1,234.0	1,422.9
	2033	6,971,216	0.8%	6,797,192	0.7%	1,337.0	1,510.8	1,316.0	1,472.3	1,263.1	1,475.0	1,245.3	1,436.5
	2034	7,046,165	1.1%	6,858,823	0.9%	1,351.3	1,527.2	1,327.8	1,485.8	1,276.7	1,491.1	1,256.6	1,449.7
	2035	7,120,812	1.1%	6,919,667	0.9%	1,365.0	1,543.8	1,339.1	1,499.4	1,289.8	1,507.5	1,267.4	1,463.1
	2036	7,141,042	0.3%	6,923,090	0.0%	1,364.2	1,544.6	1,335.1	1,496.8	1,289.2	1,508.7	1,263.8	1,461.0
	2037	7,195,498	0.8%	6,964,558	0.6%	1,377.9	1,560.0	1,346.2	1,509.4	1,302.0	1,523.8	1,274.2	1,473.4
	2038	7,167,990	-0.4%	6,924,940	-0.6%	1,367.3	1,553.8	1,333.2	1,500.5	1,290.8	1,518.5	1,260.7	1,465.4
	2039	7,243,075	1.0%	6,986,098	0.9%	1,381.2	1,570.7	1,344.6	1,514.3	1,304.1	1,535.0	1,271.7	1,478.9
	2040	7,336,651	1.3%			1,395.3	1,587.6			1,317.9	1,551.7		
CAGR [1]	Historical		-0.1%		-0.1%	-2.2%	0.1%	-2.8%	0.1%	-0.9%	0.8%	-1.6%	1.0%
	1st 10 Prj Yrs		1.1%		1.0%	1.1%	1.1%	1.0%	1.0%	1.1%	1.1%	1.0%	1.0%
	2nd 10 Prj Yrs		0.8%		0.6%	0.7%	0.8%	0.5%	0.6%	0.7%	0.8%	0.5%	0.6%

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[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Total Agency - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	6,147,277	-	5,975,503	-	-2.8%	1,258.3	-	1,184.1	-	-5.9%	1,258.2	-	1,200.2	-	-4.6%
	2012	5,914,360	-3.8%	6,010,714	0.6%	1.6%	1,096.7	-12.8%	1,056.6	-10.8%	-3.7%	1,203.3	-4.4%	1,300.0	8.3%	8.0%
	2013	5,914,988	0.0%	5,990,932	-0.3%	1.3%	1,009.9	-7.9%	984.6	-6.8%	-2.5%	1,222.0	1.6%	1,259.6	-3.1%	3.1%
	2014	5,733,592	-3.1%	5,702,238	-4.8%	-0.5%	996.9	-1.3%	1,077.1	9.4%	8.0%	1,185.1	-3.0%	1,181.1	-6.2%	-0.3%
	2015	5,777,052	0.8%	5,668,496	-0.6%	-1.9%	1,128.5	13.2%	1,001.8	-7.0%	-11.2%	1,194.4	0.8%	1,213.1	2.7%	1.6%
	2016	5,981,790	3.5%	5,831,494	2.9%	-2.5%	1,009.9	-10.5%	1,040.1	3.8%	3.0%	1,267.7	6.1%	1,233.5	1.7%	-2.7%
	2017	5,826,145	-2.6%	5,835,713	0.1%	0.2%	919.4	-9.0%	931.8	-10.4%	1.3%	1,236.4	-2.5%	1,281.8	3.9%	3.7%
	2018	5,945,319	2.0%	5,859,079	0.4%	-1.5%	1,178.9	28.2%	1,126.6	20.9%	-4.4%	1,238.9	0.2%	1,267.0	-1.2%	2.3%
	2019	6,082,512	2.3%	5,880,664	0.4%	-3.3%	979.8	-16.9%	1,135.9	0.8%	15.9%	1,292.4	4.3%	1,273.0	0.5%	-1.5%
	2020	6,082,634	0.0%	5,937,786	1.0%	-2.4%	1,022.3	4.3%	1,100.3	-3.1%	7.6%	1,281.4	-0.9%	1,280.6	0.6%	-0.1%
Projected	2021	6,099,325	0.3%	6,099,325	2.7%		1,108.4	8.4%	1,108.4	0.7%		1,289.9	0.7%	1,289.9	0.7%	
	2022			6,191,057	1.5%				1,128.8	1.8%				1,306.3	1.3%	
	2023			6,261,864	1.1%				1,142.7	1.2%				1,321.4	1.2%	
	2024			6,352,998	1.5%				1,157.4	1.3%				1,336.9	1.2%	
	2025			6,406,266	0.8%				1,171.6	1.2%				1,350.6	1.0%	
	2026			6,463,501	0.9%				1,184.5	1.1%				1,362.1	0.9%	
	2027			6,515,944	0.8%				1,196.5	1.0%				1,373.2	0.8%	
	2028			6,577,495	0.9%				1,207.3	0.9%				1,383.2	0.7%	
	2029			6,615,240	0.6%				1,220.1	1.1%				1,394.2	0.8%	
	2030			6,628,136	0.2%				1,224.1	0.3%				1,397.9	0.3%	
	2031			6,684,294	0.8%				1,237.1	1.1%				1,409.6	0.8%	
	2032			6,756,764	1.1%				1,249.9	1.0%				1,421.8	0.9%	
	2033			6,801,178	0.7%				1,263.1	1.1%				1,434.6	0.9%	
	2034			6,862,489	0.9%				1,276.7	1.1%				1,447.4	0.9%	
	2035			6,923,923	0.9%				1,289.8	1.0%				1,460.6	0.9%	
	2036			6,930,927	0.1%				1,289.2	0.0%				1,458.8	-0.1%	
	2037			6,972,350	0.6%				1,302.0	1.0%				1,470.8	0.8%	
	2038			6,932,843	-0.6%				1,290.8	-0.9%				1,462.6	-0.6%	
	2039			6,994,204	0.9%				1,304.1	1.0%				1,475.8	0.9%	
	2040			7,073,624	1.1%				1,317.9	1.1%				1,489.3	0.9%	
CAGR ^[3]	2011-2020		-0.1%		-0.1%			-2.3%		-0.8%			0.2%		0.7%	
	2021-2030				0.9%					1.1%					0.9%	
	2031-2040				0.6%					0.7%					0.6%	

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FMPA 2021 Load Forecast - Base Case
Total Agency - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	461,335	393,793	424,620	488,193	537,767	588,106	623,766	644,115	570,519	460,766	410,067	418,993	6,022,040	6,147,277
	2012	438,988	405,060	451,583	458,392	543,656	545,599	623,149	603,756	554,351	504,602	398,605	435,593	5,963,334	5,914,360
	2013	428,865	400,438	432,242	463,445	507,457	573,259	581,975	626,296	562,210	516,187	427,182	440,420	5,959,977	5,914,988
	2014	458,798	376,082	396,665	423,785	497,285	521,770	571,164	591,892	512,362	461,946	387,082	412,653	5,611,484	5,733,592
	2015	423,859	391,814	433,884	469,172	526,875	564,009	585,493	583,880	536,385	477,199	447,017	436,736	5,876,322	5,777,052
	2016	434,986	397,529	428,066	436,669	517,921	586,159	645,813	615,145	558,551	481,763	397,590	424,514	5,924,706	5,981,790
	2017	420,300	369,307	422,712	462,186	543,679	545,907	610,433	626,402	521,351	510,122	404,061	427,714	5,864,175	5,826,145
	2018	486,883	395,927	410,294	435,098	497,243	566,526	596,706	617,855	596,890	535,843	436,820	427,594	6,003,678	5,945,319
	2019	440,834	388,033	423,717	457,363	568,643	591,427	616,795	617,863	577,582	550,214	414,640	419,893	6,067,001	6,082,512
	2020	433,461	409,343	471,516	453,576	509,086	580,517	624,346	636,514	579,529	505,885	415,561	443,443	6,062,777	6,082,634
Projected	2021	467,473	409,053	444,052	452,709	535,147	582,580	630,598	635,216	577,609	514,989	423,740	451,144	6,124,309	6,099,325
	2022	475,563	416,372	451,735	458,682	542,603	589,679	638,685	643,263	584,603	521,341	428,770	456,609	6,207,904	6,191,057
	2023	480,819	421,037	456,383	463,679	548,899	596,087	645,937	650,821	591,482	527,687	434,301	462,673	6,279,806	6,261,864
	2024	486,786	441,126	462,022	469,560	555,644	603,218	653,532	658,159	598,288	533,632	439,009	468,225	6,369,203	6,352,998
	2025	492,323	431,177	466,880	474,617	561,693	609,455	660,271	664,777	604,207	538,762	443,020	473,016	6,420,197	6,406,266
	2026	497,134	435,352	470,822	478,706	566,662	614,620	665,911	670,339	609,157	543,110	446,345	477,213	6,475,370	6,463,501
	2027	501,495	439,175	474,336	482,400	571,271	619,483	671,335	675,761	614,020	546,839	449,110	480,902	6,526,128	6,515,944
	2028	505,370	457,873	477,337	485,585	575,334	623,839	676,255	680,687	618,364	551,295	452,473	485,253	6,589,665	6,577,495
	2029	509,960	446,604	480,856	489,267	579,953	628,702	681,670	686,079	623,129	552,440	452,777	486,339	6,617,776	6,615,240
	2030	511,099	447,563	481,204	489,925	581,192	629,987	683,345	687,775	624,490	557,210	456,416	490,956	6,641,162	6,628,136
Projected	2031	515,980	451,717	484,919	493,786	586,024	635,119	689,079	693,507	629,582	561,793	459,856	495,291	6,696,652	6,684,294
	2032	520,606	471,629	488,741	497,765	591,013	640,471	695,083	699,539	634,976	566,772	463,655	499,970	6,770,220	6,756,764
	2033	525,606	460,236	492,762	501,951	596,236	646,094	701,390	705,866	640,640	571,955	467,604	504,774	6,815,114	6,801,178
	2034	530,712	464,726	496,942	506,262	601,559	651,792	707,723	712,186	646,254	577,046	471,469	509,436	6,876,106	6,862,489
	2035	535,693	469,112	501,070	510,561	606,909	657,572	714,211	718,721	652,123	576,624	470,570	508,793	6,921,959	6,923,923
	2036	535,137	484,997	500,126	509,830	606,171	656,613	713,249	717,706	651,110	581,655	474,371	513,385	6,944,350	6,930,927
	2037	540,011	473,028	504,001	513,835	611,128	661,908	719,136	723,576	656,318	578,634	471,124	510,196	6,962,893	6,972,350
	2038	536,325	470,278	500,895	511,068	608,103	658,312	715,440	719,805	652,662	583,658	474,955	514,906	6,946,409	6,932,843
	2039	541,360	474,687	505,001	515,343	613,445	664,095	721,932	726,322	658,500	588,931	478,957	519,783	7,008,355	6,994,204
	2040	546,566	495,764	509,234	519,725	618,896	669,978	728,514	732,903	664,373	594,217	482,950	524,637	7,087,757	7,073,624

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.7%	6.5%	7.1%	8.1%	8.9%	9.8%	10.4%	10.7%	9.5%	7.7%	6.8%	7.0%	100.0%
	2012	7.4%	6.8%	7.6%	7.7%	9.1%	9.1%	10.4%	10.1%	9.3%	8.5%	6.7%	7.3%	100.0%
	2013	7.2%	6.7%	7.3%	7.8%	8.5%	9.6%	9.8%	10.5%	9.4%	8.7%	7.2%	7.4%	100.0%
	2014	8.2%	6.7%	7.1%	7.6%	8.9%	9.3%	10.2%	10.5%	9.1%	8.2%	6.9%	7.4%	100.0%
	2015	7.2%	6.7%	7.4%	8.0%	9.0%	9.6%	10.0%	9.9%	9.1%	8.1%	7.6%	7.4%	100.0%
	2016	7.3%	6.7%	7.2%	7.4%	8.7%	9.9%	10.9%	10.4%	9.4%	8.1%	6.7%	7.2%	100.0%
	2017	7.2%	6.3%	7.2%	7.9%	9.3%	9.3%	10.4%	10.7%	8.9%	8.7%	6.9%	7.3%	100.0%
	2018	8.1%	6.6%	6.8%	7.2%	8.3%	9.4%	9.9%	10.3%	9.9%	8.9%	7.3%	7.1%	100.0%
	2019	7.3%	6.4%	7.0%	7.5%	9.4%	9.7%	10.2%	10.2%	9.5%	9.1%	6.8%	6.9%	100.0%
	2020	7.1%	6.8%	7.8%	7.5%	8.4%	9.6%	10.3%	10.5%	9.6%	8.3%	6.9%	7.3%	100.0%
Projected	2021	7.6%	6.7%	7.3%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
	2022	7.7%	6.7%	7.3%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
	2023	7.7%	6.7%	7.3%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
	2024	7.6%	6.9%	7.3%	7.4%	8.7%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
	2025	7.7%	6.7%	7.3%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
	2026	7.7%	6.7%	7.3%	7.4%	8.8%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
	2027	7.7%	6.7%	7.3%	7.4%	8.8%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
	2028	7.7%	6.9%	7.2%	7.4%	8.7%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
	2029	7.7%	6.7%	7.3%	7.4%	8.8%	9.5%	10.3%	10.4%	9.4%	8.3%	6.8%	7.3%	100.0%
	2030	7.7%	6.7%	7.2%	7.4%	8.8%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
Avg.	2011-2020	7.5%	6.6%	7.2%	7.7%	8.8%	9.5%	10.2%	10.4%	9.4%	8.4%	7.0%	7.2%	100.0%
	2021-2030	7.7%	6.8%	7.3%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%

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 Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Base Case
Total Agency - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	1,186.7	959.1	878.6	1,100.6	1,154.6	1,267.6	1,263.5	1,300.2	1,185.3	1,007.2	881.6	829.5	1,293.0	1,300.2
	2012	1,119.9	1,086.3	905.9	1,036.2	1,147.8	1,221.4	1,250.8	1,236.0	1,189.0	1,114.0	846.1	913.6	1,119.9	1,250.8
	2013	886.9	1,072.3	1,069.8	1,006.7	1,099.7	1,228.1	1,212.8	1,258.0	1,208.7	1,107.3	953.6	903.5	1,072.3	1,258.0
	2014	1,071.5	922.0	817.8	1,005.3	1,075.0	1,134.0	1,176.1	1,216.5	1,157.3	1,034.7	961.8	879.0	1,071.5	1,216.5
	2015	927.9	1,149.5	907.0	1,016.2	1,131.0	1,229.4	1,199.5	1,215.3	1,170.4	1,045.8	1,029.8	883.0	1,149.5	1,229.4
	2016	1,061.1	1,047.8	943.2	1,040.4	1,121.9	1,247.3	1,291.2	1,260.1	1,168.4	1,067.3	864.6	884.5	1,061.1	1,291.2
	2017	980.7	845.1	970.7	1,111.3	1,194.2	1,201.0	1,251.1	1,267.1	1,203.6	1,139.1	887.9	959.9	980.7	1,267.1
	2018	1,219.5	927.7	903.1	935.7	1,072.0	1,229.2	1,231.7	1,252.9	1,247.7	1,165.2	1,026.5	987.2	1,219.5	1,252.9
	2019	999.3	932.9	963.3	1,029.7	1,252.2	1,311.1	1,283.4	1,277.0	1,260.9	1,147.4	985.8	886.8	1,026.5	1,311.1
	2020	1,050.0	960.0	1,058.6	1,080.0	1,172.1	1,312.8	1,293.6	1,303.9	1,297.8	1,137.5	958.4	931.9	1,058.6	1,312.8
Projected	2021	1,175.0	1,051.8	993.9	1,074.8	1,204.0	1,292.5	1,295.4	1,322.5	1,257.6	1,144.1	971.9	948.9	1,175.0	1,322.5
	2022	1,196.5	1,070.9	1,010.7	1,088.8	1,219.8	1,308.8	1,311.7	1,339.2	1,273.4	1,159.2	983.6	960.2	1,196.5	1,339.2
	2023	1,211.0	1,083.7	1,023.3	1,101.9	1,234.5	1,323.7	1,326.8	1,354.7	1,288.0	1,173.0	996.3	972.5	1,211.0	1,354.7
	2024	1,226.5	1,097.5	1,037.1	1,115.4	1,249.7	1,339.0	1,342.3	1,370.5	1,302.9	1,187.0	1,008.1	985.0	1,226.5	1,370.5
	2025	1,241.8	1,111.0	1,049.8	1,127.6	1,263.5	1,352.6	1,356.0	1,384.5	1,316.1	1,199.8	1,019.3	995.7	1,241.8	1,384.5
	2026	1,255.4	1,123.0	1,061.5	1,138.1	1,275.5	1,363.9	1,367.4	1,396.3	1,327.1	1,211.0	1,029.3	1,005.6	1,255.4	1,396.3
	2027	1,268.0	1,134.0	1,072.6	1,148.4	1,287.2	1,374.8	1,378.5	1,407.6	1,337.7	1,220.7	1,039.0	1,014.1	1,268.0	1,407.6
	2028	1,278.8	1,143.7	1,083.0	1,157.9	1,298.0	1,384.6	1,388.4	1,417.9	1,347.2	1,232.0	1,049.4	1,025.1	1,278.8	1,417.9
	2029	1,292.4	1,155.7	1,094.4	1,168.3	1,309.9	1,395.4	1,399.3	1,429.1	1,357.7	1,236.7	1,054.2	1,028.7	1,292.4	1,429.1
	2030	1,296.2	1,159.4	1,099.2	1,172.8	1,315.1	1,399.0	1,402.8	1,432.8	1,361.0	1,248.2	1,065.5	1,039.6	1,296.2	1,432.8
Projected	2031	1,309.8	1,171.3	1,111.1	1,183.7	1,327.5	1,410.4	1,414.4	1,444.7	1,372.1	1,260.0	1,076.7	1,049.4	1,309.8	1,444.7
	2032	1,322.9	1,182.9	1,123.1	1,195.0	1,340.4	1,422.5	1,426.6	1,457.2	1,383.9	1,272.3	1,087.6	1,061.0	1,322.9	1,457.2
	2033	1,337.0	1,195.3	1,135.1	1,206.7	1,353.7	1,435.1	1,439.3	1,470.4	1,396.1	1,285.0	1,099.2	1,072.1	1,337.0	1,470.4
	2034	1,351.3	1,207.9	1,147.6	1,218.5	1,367.0	1,447.8	1,452.1	1,483.5	1,408.5	1,297.6	1,110.6	1,083.0	1,351.3	1,483.5
	2035	1,365.0	1,220.0	1,159.7	1,230.5	1,380.7	1,460.9	1,465.3	1,497.0	1,421.2	1,297.7	1,112.3	1,081.5	1,365.0	1,497.0
	2036	1,364.2	1,219.1	1,161.1	1,230.2	1,380.1	1,458.8	1,463.0	1,494.7	1,419.1	1,310.4	1,123.1	1,092.7	1,364.2	1,494.7
	2037	1,377.9	1,231.3	1,172.7	1,241.2	1,392.6	1,470.6	1,474.9	1,506.9	1,430.5	1,304.1	1,117.8	1,083.9	1,377.9	1,506.9
	2038	1,367.3	1,221.2	1,166.7	1,236.1	1,386.2	1,462.0	1,466.0	1,497.9	1,422.2	1,316.3	1,129.4	1,094.9	1,367.3	1,497.9
	2039	1,381.2	1,233.5	1,179.0	1,248.2	1,399.9	1,475.0	1,479.2	1,511.5	1,434.9	1,329.3	1,141.6	1,105.7	1,381.2	1,511.5
	2040	1,395.3	1,245.8	1,191.8	1,260.4	1,413.8	1,488.3	1,492.5	1,525.2	1,447.8	1,342.4	1,158.9	1,123.5	1,395.3	1,525.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	52.3%	61.1%	65.0%	61.6%	62.6%	64.4%	66.4%	66.6%	64.6%	61.5%	64.6%	67.9%	53.2%	54.0%
	2012	52.7%	53.6%	67.0%	61.4%	63.7%	62.0%	67.0%	65.7%	64.8%	60.9%	65.4%	64.1%	60.8%	54.0%
	2013	65.0%	55.6%	54.3%	63.9%	62.0%	64.8%	64.5%	66.9%	64.6%	62.7%	62.2%	65.5%	63.4%	53.7%
	2014	57.6%	60.7%	65.2%	58.6%	62.2%	63.9%	65.3%	65.4%	61.5%	60.0%	55.9%	63.1%	59.8%	53.8%
	2015	61.4%	50.7%	64.3%	64.1%	62.6%	63.7%	65.6%	64.6%	63.7%	61.3%	60.3%	66.5%	58.4%	53.6%
	2016	55.1%	54.5%	61.0%	58.3%	62.0%	65.3%	67.2%	65.6%	66.4%	60.7%	63.9%	64.5%	63.7%	52.9%
	2017	57.6%	65.0%	58.5%	57.8%	61.2%	63.1%	65.6%	66.4%	60.2%	60.2%	63.2%	59.9%	68.3%	52.5%
	2018	53.7%	63.5%	61.1%	64.6%	62.3%	64.0%	65.1%	66.3%	66.4%	61.8%	59.1%	58.2%	56.2%	54.2%
	2019	59.3%	61.9%	59.1%	61.7%	61.0%	62.7%	64.6%	65.0%	63.6%	64.5%	58.4%	63.6%	67.5%	53.0%
	2020	55.5%	61.3%	59.9%	58.3%	58.4%	61.4%	64.9%	65.6%	62.0%	59.8%	60.2%	64.0%	65.4%	52.9%
Projected	2021	53.5%	57.9%	60.1%	58.5%	59.7%	62.6%	65.4%	64.6%	63.8%	60.5%	60.6%	63.9%	59.5%	52.6%
	2022	53.4%	57.9%	60.1%	58.5%	59.8%	62.6%	65.4%	64.6%	63.8%	60.5%	60.5%	63.9%	59.2%	52.8%
	2023	53.4%	57.8%	59.9%	58.4%	59.8%	62.5%	65.4%	64.6%	63.8%	60.5%	60.5%	63.9%	59.2%	52.8%
	2024	53.3%	57.8%	59.9%	58.5%	59.8%	62.6%	65.4%	64.5%	63.8%	60.4%	60.5%	63.9%	59.3%	52.9%
	2025	53.3%	57.8%	59.8%	58.5%	59.8%	62.6%	65.4%	64.5%	63.8%	60.4%	60.4%	63.9%	59.0%	52.8%
	2026	53.2%	57.7%	59.6%	58.4%	59.7%	62.6%	65.5%	64.5%	63.8%	60.3%	60.2%	63.8%	58.9%	52.8%
	2027	53.2%	57.6%	59.4%	58.3%	59.7%	62.6%	65.5%	64.5%	63.8%	60.2%	60.0%	63.7%	58.8%	52.8%
	2028	53.1%	57.5%	59.2%	58.2%	59.6%	62.6%	65.5%	64.5%	63.7%	60.1%	59.9%	63.6%	58.8%	53.0%
	2029	53.0%	57.5%	59.1%	58.2%	59.5%	62.6%	65.5%	64.5%	63.7%	60.0%	59.7%	63.5%	58.5%	52.8%
	2030	53.0%	57.4%	58.8%	58.0%	59.4%	62.5%	65.5%	64.5%	63.7%	60.0%	59.5%	63.5%	58.5%	52.8%
Avg.	2011-2020	57.0%	58.8%	61.5%	61.0%	61.8%	63.5%	65.6%	65.8%	64.0%	61.3%	61.3%	63.7%	61.7%	53.4%
	2021-2030	53.2%	57.7%	59.6%	58.4%	59.7%	62.6%	65.5%	64.5%	63.8%	60.3%	60.2%	63.8%	59.0%	52.8%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Base Case
Total Agency - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	1,168.7	900.6	807.1	1,067.7	1,112.3	1,239.2	1,214.4	1,258.2	1,124.9	990.4	852.3	750.1	1,258.3	1,258.2
	2012	1,096.7	1,038.9	871.7	993.3	1,091.1	1,146.8	1,203.3	1,188.3	1,143.4	1,087.3	747.0	830.0	1,096.7	1,203.3
	2013	772.0	1,003.2	1,009.9	958.2	1,073.6	1,176.8	1,156.6	1,222.0	1,164.9	1,067.9	906.6	820.2	1,009.9	1,222.0
	2014	996.9	847.6	703.0	998.1	1,051.7	1,106.0	1,125.7	1,185.1	1,092.9	1,015.0	827.7	795.4	996.9	1,185.1
	2015	850.7	1,128.5	856.5	953.8	1,102.4	1,194.4	1,144.2	1,172.3	1,136.9	1,029.9	1,009.9	853.9	1,128.5	1,194.4
	2016	1,001.8	1,006.1	909.0	1,024.0	1,068.4	1,216.1	1,267.7	1,247.5	1,112.4	989.2	843.2	827.1	1,009.9	1,267.7
	2017	862.5	831.1	919.4	1,105.5	1,173.8	1,177.8	1,215.6	1,236.4	1,157.1	1,122.5	854.2	900.2	919.4	1,236.4
	2018	1,178.9	879.6	844.9	887.1	1,038.0	1,167.3	1,186.3	1,238.9	1,210.0	1,154.7	979.8	888.2	1,178.9	1,238.9
	2019	912.2	895.1	900.2	1,010.5	1,209.6	1,292.4	1,262.0	1,208.8	1,250.3	1,099.8	980.1	782.3	979.8	1,292.4
	2020	1,007.7	890.1	1,022.3	1,013.2	1,138.3	1,281.4	1,239.1	1,270.1	1,268.4	1,108.1	907.8	861.0	1,022.3	1,281.4
Projected	2021	1,108.4	1,005.5	936.7	1,039.9	1,169.2	1,257.1	1,253.8	1,289.9	1,216.5	1,114.8	920.7	876.7	1,108.4	1,289.9
	2022	1,128.8	1,023.8	952.7	1,053.5	1,184.7	1,272.9	1,269.6	1,306.3	1,231.8	1,129.5	932.0	887.3	1,128.8	1,306.3
	2023	1,142.7	1,036.2	964.6	1,066.2	1,198.9	1,287.6	1,284.3	1,321.4	1,245.9	1,143.0	944.1	898.8	1,142.7	1,321.4
	2024	1,157.4	1,049.5	977.7	1,079.3	1,213.7	1,302.6	1,299.3	1,336.9	1,260.3	1,156.8	955.3	910.2	1,157.4	1,336.9
	2025	1,171.6	1,062.2	989.9	1,091.1	1,227.1	1,315.8	1,312.6	1,350.6	1,273.0	1,169.3	966.0	920.2	1,171.6	1,350.6
	2026	1,184.5	1,073.7	1,001.0	1,101.3	1,238.7	1,326.9	1,323.7	1,362.1	1,283.6	1,180.2	975.6	929.5	1,184.5	1,362.1
	2027	1,196.5	1,084.4	1,011.6	1,111.2	1,250.1	1,337.5	1,334.4	1,373.2	1,293.8	1,189.7	984.9	937.5	1,196.5	1,373.2
	2028	1,207.3	1,094.0	1,021.5	1,120.4	1,260.7	1,347.1	1,344.0	1,383.2	1,303.0	1,200.7	994.8	947.6	1,207.3	1,383.2
	2029	1,220.1	1,105.4	1,032.4	1,130.4	1,272.2	1,357.6	1,354.5	1,394.2	1,313.1	1,205.4	999.5	951.2	1,220.1	1,394.2
	2030	1,224.1	1,109.2	1,037.2	1,134.6	1,277.2	1,361.0	1,357.9	1,397.9	1,316.2	1,216.7	1,010.3	961.4	1,224.1	1,397.9
Projected	2031	1,237.1	1,120.8	1,048.5	1,145.2	1,289.3	1,372.1	1,369.1	1,409.6	1,326.9	1,228.3	1,021.0	970.8	1,237.1	1,409.6
	2032	1,249.9	1,132.2	1,060.0	1,156.1	1,301.8	1,383.9	1,380.9	1,421.8	1,338.2	1,240.3	1,031.5	981.4	1,249.9	1,421.8
	2033	1,263.1	1,144.1	1,071.4	1,167.5	1,314.7	1,396.2	1,393.3	1,434.6	1,350.0	1,252.7	1,042.5	991.9	1,263.1	1,434.6
	2034	1,276.7	1,156.2	1,083.4	1,178.8	1,327.7	1,408.6	1,405.6	1,447.4	1,361.9	1,265.1	1,053.4	1,002.1	1,276.7	1,447.4
	2035	1,289.8	1,168.0	1,094.9	1,190.4	1,340.9	1,421.3	1,418.4	1,460.6	1,374.2	1,265.3	1,055.2	1,001.2	1,289.8	1,460.6
	2036	1,289.2	1,167.5	1,096.5	1,190.1	1,340.2	1,419.4	1,416.2	1,458.8	1,372.4	1,277.7	1,065.5	1,011.5	1,289.2	1,458.8
	2037	1,302.0	1,179.1	1,107.6	1,200.7	1,352.3	1,430.8	1,427.7	1,470.8	1,383.4	1,272.1	1,061.2	1,004.4	1,302.0	1,470.8
	2038	1,290.8	1,170.6	1,103.1	1,195.6	1,346.2	1,422.3	1,419.5	1,462.6	1,375.5	1,284.1	1,072.2	1,014.7	1,290.8	1,462.6
	2039	1,304.1	1,182.6	1,114.9	1,207.3	1,359.5	1,435.1	1,432.3	1,475.8	1,387.8	1,296.8	1,084.0	1,025.0	1,304.1	1,475.8
	2040	1,317.9	1,194.8	1,127.1	1,219.1	1,372.9	1,448.0	1,445.2	1,489.3	1,400.2	1,309.6	1,100.6	1,041.6	1,317.9	1,489.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.5%	93.9%	91.9%	97.0%	96.3%	97.8%	96.1%	96.8%	94.9%	98.3%	96.7%	90.4%	97.3%	96.8%
	2012	97.9%	95.6%	96.2%	95.9%	95.1%	93.9%	96.2%	96.1%	96.2%	97.6%	88.3%	90.8%	97.9%	96.2%
	2013	87.0%	93.6%	94.4%	95.2%	97.6%	95.8%	95.4%	97.1%	96.4%	96.4%	95.1%	90.8%	94.2%	97.1%
	2014	93.0%	91.9%	86.0%	99.3%	97.8%	97.5%	95.7%	97.4%	94.4%	98.1%	86.1%	90.5%	93.0%	97.4%
	2015	91.7%	98.2%	94.4%	93.9%	97.5%	97.2%	95.4%	96.5%	97.1%	98.5%	98.1%	96.7%	98.2%	97.2%
	2016	94.4%	96.0%	96.4%	98.4%	95.2%	97.5%	98.2%	99.0%	95.2%	92.7%	97.5%	93.5%	95.2%	98.2%
	2017	88.0%	98.3%	94.7%	99.5%	98.3%	98.1%	97.2%	97.6%	96.1%	98.5%	96.2%	93.8%	93.8%	97.6%
	2018	96.7%	94.8%	93.6%	94.8%	96.8%	95.0%	96.3%	98.9%	97.0%	99.1%	95.5%	90.0%	96.7%	98.9%
	2019	91.3%	95.9%	93.5%	98.1%	96.6%	98.6%	98.3%	94.7%	99.2%	95.9%	99.4%	88.2%	95.5%	98.6%
	2020	96.0%	92.7%	96.6%	93.8%	97.1%	97.6%	95.8%	97.4%	97.7%	97.4%	94.7%	92.4%	96.6%	97.6%
Projected	2021	94.3%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.7%	92.4%	94.3%	97.5%
	2022	94.3%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.7%	92.4%	94.3%	97.5%
	2023	94.4%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.8%	92.4%	94.4%	97.5%
	2024	94.4%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.5%	94.8%	92.4%	94.4%	97.5%
	2025	94.3%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.4%	94.3%	97.6%
	2026	94.4%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.4%	94.4%	97.6%
	2027	94.4%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.4%	94.4%	97.6%
	2028	94.4%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.4%	94.4%	97.6%
	2029	94.4%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.4%	97.6%
	2030	94.4%	95.7%	94.4%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.4%	97.6%
	2011-2020	93.4%	95.1%	93.8%	96.6%	96.8%	96.9%	96.5%	97.1%	96.4%	97.3%	94.7%	91.7%	95.8%	97.5%
	2021-2030	94.4%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.4%	94.4%	97.6%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Appendix B
FLORIDA POWER & LIGHT CITIES

FMPA 2021 Load Forecast - Base Case
FP&L Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	2,805,902	-	2,743,469	-	-2.2%	544.4	-	515.1	-	-5.4%	534.8	-	509.2	-	-4.8%
	2012	2,709,712	-3.4%	2,761,124	0.6%	1.9%	469.7	-13.7%	453.2	-12.0%	-3.5%	527.2	-1.4%	545.0	7.0%	3.4%
	2013	2,693,753	-0.6%	2,739,574	-0.8%	1.7%	425.0	-9.5%	423.7	-6.5%	-0.3%	524.0	-0.6%	533.8	-2.0%	1.9%
	2014	2,437,324	-9.5%	2,417,176	-11.8%	-0.8%	384.4	-9.5%	415.5	-1.9%	8.1%	452.1	-13.7%	456.0	-14.6%	0.9%
	2015	2,366,430	-2.9%	2,337,824	-3.3%	-1.2%	456.4	18.7%	386.1	-7.1%	-15.4%	444.3	-1.7%	453.0	-0.6%	2.0%
	2016	2,436,956	3.0%	2,388,099	2.2%	-2.0%	390.9	-14.3%	403.9	4.6%	3.3%	484.9	9.1%	467.6	3.2%	-3.6%
	2017	2,341,144	-3.9%	2,315,068	-3.1%	-1.1%	344.6	-11.9%	361.2	-10.6%	4.8%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,318,307	0.1%	-1.6%	446.1	29.5%	429.5	18.9%	-3.7%	464.7	-0.5%	470.9	-1.1%	1.3%
	2019	2,399,054	1.8%	2,310,655	-0.3%	-3.7%	364.8	-18.2%	429.3	-0.1%	17.7%	470.0	1.1%	459.7	-2.4%	-2.2%
	2020	2,378,062	-0.9%	2,357,880	2.0%	-0.8%	355.3	-2.6%	412.9	-3.8%	16.2%	475.6	1.2%	478.8	4.1%	0.7%
Projected	2021	2,363,902	-0.6%	2,363,902	0.3%		393.4	10.7%	393.4	-4.7%		467.4	-1.7%	467.4	-2.4%	
	2022			2,391,874	1.2%				400.1	1.7%				471.2	0.8%	
	2023			2,406,596	0.6%				402.6	0.6%				473.9	0.6%	
	2024			2,429,316	0.9%				404.3	0.4%				477.2	0.7%	
	2025			2,441,717	0.5%				408.0	0.9%				480.1	0.6%	
	2026			2,455,286	0.6%				410.3	0.6%				482.7	0.5%	
	2027			2,468,624	0.5%				412.6	0.6%				485.3	0.6%	
	2028			2,487,424	0.8%				414.0	0.3%				488.3	0.6%	
	2029			2,497,897	0.4%				417.5	0.9%				491.1	0.6%	
	2030			2,472,753	-1.0%				411.5	-1.5%				486.5	-0.9%	
	2031			2,487,307	0.6%				413.8	0.6%				489.4	0.6%	
	2032			2,506,759	0.8%				415.3	0.4%				492.5	0.6%	
	2033			2,518,491	0.5%				418.8	0.8%				495.7	0.6%	
	2034			2,535,036	0.7%				421.5	0.6%				499.0	0.7%	
	2035			2,551,674	0.7%				424.1	0.6%				502.3	0.7%	
	2036			2,501,096	-2.0%				411.6	-3.0%				490.8	-2.3%	
	2037			2,511,168	0.4%				414.9	0.8%				493.5	0.5%	
	2038			2,425,867	-3.4%				393.3	-5.2%				475.0	-3.7%	
	2039			2,439,483	0.6%				395.4	0.5%				477.8	0.6%	
	2040			2,458,464	0.8%				396.9	0.4%				480.7	0.6%	
CAGR ^[3]	2011-2020		-1.8%		-1.7%			-4.6%		-2.4%			-1.3%		-0.7%	
	2021-2030				0.5%					0.5%					0.4%	
	2031-2040				-0.1%					-0.5%					-0.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Base Case
FP&L Cities - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	2,805,902	-	2,805,902	-	574.7	568.1	574.7	568.1	544.4	534.8	544.4	534.8
	2012	2,709,712	-3.4%	2,709,712	-3.4%	487.9	552.6	487.9	552.6	469.7	527.2	469.7	527.2
	2013	2,693,753	-0.6%	2,693,753	-0.6%	490.6	541.5	490.6	541.5	425.0	524.0	425.0	524.0
	2014	2,437,324	-9.5%	2,437,324	-9.5%	446.5	475.7	446.5	475.7	384.4	452.1	408.2	452.6
	2015	2,366,430	-2.9%	2,366,430	-2.9%	476.8	478.3	476.8	478.3	456.4	444.3	456.4	450.7
	2016	2,436,956	3.0%	2,436,956	3.0%	437.5	501.8	437.5	501.8	390.9	484.9	390.9	484.9
	2017	2,341,144	-3.9%	2,341,144	-3.9%	411.0	485.1	411.0	485.1	344.6	467.3	344.6	467.3
	2018	2,355,507	0.6%	2,355,507	0.6%	474.7	475.7	474.7	475.7	446.1	464.7	446.1	464.7
	2019	2,399,054	1.8%	2,399,054	1.8%	403.8	492.9	403.8	492.9	364.8	470.0	364.8	470.0
	2020	2,378,062	-0.9%	2,372,707	-1.1%	414.8	490.7	450.7	484.7	355.3	475.6	398.7	462.9
Projected	2021	2,363,902	-0.6%	2,396,240	1.0%	446.7	489.4	458.8	492.2	393.4	467.4	406.1	470.1
	2022	2,391,874	1.2%	2,410,718	0.6%	454.2	493.3	463.5	494.4	400.1	471.2	410.4	472.1
	2023	2,406,596	0.6%	2,419,973	0.4%	457.1	496.3	465.7	496.1	402.6	473.9	412.4	473.7
	2024	2,429,316	0.9%	2,432,978	0.5%	459.3	499.7	466.1	498.1	404.3	477.2	412.9	475.6
	2025	2,441,717	0.5%	2,439,218	0.3%	463.8	502.8	469.6	500.4	408.0	480.1	415.9	477.8
	2026	2,455,286	0.6%	2,450,455	0.5%	466.6	505.5	471.9	502.8	410.3	482.7	418.1	480.1
	2027	2,468,624	0.5%	2,461,448	0.4%	469.2	508.3	474.3	505.1	412.6	485.3	420.3	482.3
	2028	2,487,424	0.8%	2,476,600	0.6%	470.6	511.4	475.3	507.4	414.0	488.3	421.3	484.5
	2029	2,497,897	0.4%	2,482,545	0.2%	474.8	514.4	478.7	509.5	417.5	491.1	424.4	486.5
	2030	2,472,753	-1.0%	2,455,099	-1.1%	468.3	509.6	471.9	504.2	411.5	486.5	418.1	481.4
	2031	2,487,307	0.6%	2,464,998	0.4%	470.9	512.6	473.9	506.4	413.8	489.4	419.9	483.6
	2032	2,506,759	0.8%	2,481,504	0.7%	472.5	515.9	475.0	509.0	415.3	492.5	421.0	486.0
	2033	2,518,491	0.5%	2,489,091	0.3%	476.7	519.2	478.5	511.4	418.8	495.7	424.0	488.4
	2034	2,535,036	0.7%	2,500,863	0.5%	479.8	522.6	480.8	513.9	421.5	499.0	426.1	490.7
	2035	2,551,674	0.7%	2,512,660	0.5%	482.8	526.1	483.1	516.3	424.1	502.3	428.1	493.1
	2036	2,501,096	-2.0%	2,454,865	-2.3%	469.9	514.0	468.7	502.7	411.6	490.8	414.3	480.1
	2037	2,511,168	0.4%	2,460,152	0.2%	473.9	516.8	471.8	504.6	414.9	493.5	416.9	481.8
	2038	2,425,867	-3.4%	2,371,389	-3.6%	452.6	497.3	449.9	484.3	393.3	475.0	394.8	462.6
	2039	2,439,483	0.6%	2,380,538	0.4%	455.0	500.2	451.6	486.3	395.4	477.8	396.2	464.5
	2040	2,458,464	0.8%			456.6	503.3			396.9	480.7		
CAGR [1]	Historical		-1.8%		-1.9%	-3.6%	-1.6%	-4.3%	-1.8%	-3.4%	-1.3%	-3.5%	-1.6%
	1st 10 Prj Yrs		0.5%		0.5%	0.5%	0.5%	0.7%	0.6%	0.5%	0.4%	0.7%	0.6%
	2nd 10 Prj Yrs		-0.1%		-0.3%	-0.3%	-0.2%	-0.5%	-0.4%	-0.5%	-0.2%	-0.6%	-0.4%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
FP&L Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	2,805,902	-	2,743,469	-	-2.2%	544.4	-	515.1	-	-5.4%	534.8	-	509.2	-	-4.8%
	2012	2,709,712	-3.4%	2,761,124	0.6%	1.9%	469.7	-13.7%	453.2	-12.0%	-3.5%	527.2	-1.4%	545.0	7.0%	3.4%
	2013	2,693,753	-0.6%	2,739,574	-0.8%	1.7%	425.0	-9.5%	423.7	-6.5%	-0.3%	524.0	-0.6%	533.8	-2.0%	1.9%
	2014	2,437,324	-9.5%	2,417,176	-11.8%	-0.8%	384.4	-9.5%	415.5	-1.9%	8.1%	452.1	-13.7%	456.0	-14.6%	0.9%
	2015	2,366,430	-2.9%	2,337,824	-3.3%	-1.2%	456.4	18.7%	386.1	-7.1%	-15.4%	444.3	-1.7%	453.0	-0.6%	2.0%
	2016	2,436,956	3.0%	2,388,099	2.2%	-2.0%	390.9	-14.3%	403.9	4.6%	3.3%	484.9	9.1%	467.6	3.2%	-3.6%
	2017	2,341,144	-3.9%	2,315,068	-3.1%	-1.1%	344.6	-11.9%	361.2	-10.6%	4.8%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,318,307	0.1%	-1.6%	446.1	29.5%	429.5	18.9%	-3.7%	464.7	-0.5%	470.9	-1.1%	1.3%
	2019	2,399,054	1.8%	2,310,655	-0.3%	-3.7%	364.8	-18.2%	429.3	-0.1%	17.7%	470.0	1.1%	459.7	-2.4%	-2.2%
	2020	2,378,062	-0.9%	2,313,635	0.1%	-2.7%	355.3	-2.6%	412.9	-3.8%	16.2%	475.6	1.2%	478.8	4.1%	0.7%
Projected	2021	2,361,596	-0.7%	2,361,596	2.1%		393.4	10.7%	393.4	-4.7%		466.9	-1.8%	466.9	-2.5%	
	2022			2,388,854	1.2%				400.1	1.7%				470.4	0.8%	
	2023			2,402,859	0.6%				402.6	0.6%				473.0	0.6%	
	2024			2,424,766	0.9%				404.3	0.4%				476.1	0.6%	
	2025			2,436,285	0.5%				408.0	0.9%				478.8	0.6%	
	2026			2,448,631	0.5%				410.3	0.6%				481.1	0.5%	
	2027			2,460,638	0.5%				412.6	0.6%				483.4	0.5%	
	2028			2,478,012	0.7%				414.0	0.3%				486.0	0.5%	
	2029			2,487,013	0.4%				417.5	0.9%				488.6	0.5%	
	2030			2,460,317	-1.1%				411.5	-1.5%				483.6	-1.0%	
	2031			2,473,854	0.6%				413.8	0.6%				486.2	0.5%	
	2032			2,492,245	0.7%				415.3	0.4%				489.1	0.6%	
	2033			2,503,000	0.4%				418.8	0.8%				492.0	0.6%	
	2034			2,518,497	0.6%				421.5	0.6%				495.1	0.6%	
	2035			2,534,144	0.6%				424.1	0.6%				498.2	0.6%	
	2036			2,482,804	-2.0%				411.6	-3.0%				486.4	-2.4%	
	2037			2,491,779	0.4%				414.9	0.8%				488.8	0.5%	
	2038			2,406,666	-3.4%				393.3	-5.2%				470.4	-3.8%	
	2039			2,419,042	0.5%				395.4	0.5%				472.9	0.5%	
	2040			2,436,752	0.7%				396.9	0.4%				475.6	0.6%	
CAGR^[3]	2011-2020		-1.8%		-1.9%			-4.6%		-2.4%			-1.3%		-0.7%	
	2021-2030				0.5%					0.5%					0.4%	
	2031-2040				-0.2%					-0.5%					-0.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Base Case
FP&L Cities - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	209,012	180,449	196,232	225,664	249,124	267,493	286,323	292,471	259,771	216,575	192,071	192,271	2,767,453	2,805,902
	2012	197,794	187,479	206,843	206,993	244,678	252,612	284,965	274,837	252,594	233,692	181,737	197,699	2,721,923	2,709,712
	2013	196,118	182,394	194,421	211,947	230,928	261,547	266,045	283,574	253,653	238,380	200,557	202,386	2,721,950	2,693,753
	2014	187,229	159,573	167,998	174,913	203,678	214,694	235,507	242,749	209,660	191,583	158,846	167,343	2,313,772	2,437,324
	2015	173,824	159,676	177,850	191,364	213,975	229,122	243,920	240,108	218,819	198,016	185,657	180,873	2,413,205	2,366,430
	2016	176,709	160,492	176,455	177,928	209,878	234,796	261,639	250,374	224,138	196,875	162,861	175,563	2,407,707	2,436,956
	2017	170,310	151,110	171,235	184,929	216,561	221,569	247,242	248,927	193,963	205,846	163,545	170,519	2,345,756	2,341,144
	2018	188,426	157,451	162,979	173,406	195,681	221,893	239,768	241,884	234,109	213,042	174,519	168,935	2,372,093	2,355,507
	2019	170,522	154,951	169,495	181,670	222,056	233,175	244,074	242,407	224,207	216,013	164,358	165,173	2,388,102	2,399,054
	2020	169,285	161,203	180,851	177,962	195,978	224,682	246,206	248,900	227,449	199,089	162,165	167,564	2,361,335	2,378,062
Projected	2021	181,001	158,360	174,753	176,779	204,488	223,843	243,158	244,822	225,573	202,537	165,164	170,274	2,370,753	2,361,596
	2022	183,902	160,725	177,183	178,493	206,124	225,609	245,019	246,564	227,259	203,936	166,262	171,425	2,392,503	2,388,854
	2023	184,965	161,540	178,084	179,498	207,312	226,786	246,325	248,021	228,703	205,333	167,640	172,895	2,407,103	2,402,859
	2024	186,329	167,054	179,501	180,953	208,875	228,443	247,952	249,549	230,242	206,719	168,813	174,247	2,428,677	2,424,766
	2025	187,631	163,855	180,734	182,221	210,291	229,883	249,406	250,953	231,533	207,829	169,746	175,274	2,439,355	2,436,285
	2026	188,649	164,710	181,640	183,144	211,351	230,993	250,575	252,112	232,609	208,784	170,536	176,182	2,451,285	2,448,631
	2027	189,614	165,537	182,511	184,034	212,398	232,124	251,804	253,351	233,762	209,812	171,377	177,128	2,463,454	2,460,638
	2028	190,638	170,813	183,442	184,989	213,524	233,357	253,165	254,731	235,037	210,959	172,302	178,148	2,481,104	2,478,012
	2029	191,745	167,387	184,408	185,964	214,660	234,590	254,509	256,081	236,262	208,928	170,291	176,009	2,480,832	2,487,013
	2030	189,490	165,347	182,250	183,940	212,404	232,191	252,000	253,568	233,900	210,131	171,260	177,054	2,463,534	2,460,317
Projected	2031	190,637	166,253	183,189	184,891	213,514	233,417	253,365	254,959	235,184	211,170	172,068	177,925	2,476,572	2,473,854
	2032	191,621	171,669	184,229	185,939	214,750	234,797	254,906	256,532	236,638	212,473	173,099	179,022	2,495,675	2,492,245
	2033	192,849	168,271	185,305	187,026	216,020	236,210	256,486	258,132	238,109	213,790	174,129	180,113	2,506,439	2,503,000
	2034	194,063	169,357	186,437	188,158	217,333	237,662	258,096	259,764	239,597	215,120	175,168	181,201	2,521,954	2,518,497
	2035	195,277	170,425	187,558	189,290	218,655	239,132	259,740	261,441	241,136	210,749	171,265	176,762	2,521,432	2,534,144
	2036	190,753	171,101	183,495	185,317	213,845	233,866	254,001	255,691	235,959	212,029	172,253	177,803	2,486,113	2,482,804
	2037	191,901	167,623	184,451	186,268	214,938	235,061	255,312	257,002	237,139	205,352	166,257	171,115	2,472,419	2,491,779
	2038	184,511	161,592	178,367	180,352	207,890	227,132	246,723	248,304	229,072	206,375	167,049	171,966	2,409,331	2,406,666
	2039	185,466	162,432	179,237	181,240	208,939	228,308	248,047	249,660	230,323	207,498	167,924	172,911	2,421,986	2,419,042
	2040	186,530	167,683	180,188	182,200	210,067	229,566	249,457	251,094	231,635	208,665	168,825	173,879	2,439,788	2,436,752

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.6%	6.5%	7.1%	8.2%	9.0%	9.7%	10.3%	10.6%	9.4%	7.8%	6.9%	6.9%	100.0%
	2012	7.3%	6.9%	7.6%	7.6%	9.0%	9.3%	10.5%	10.1%	9.3%	8.6%	6.7%	7.3%	100.0%
	2013	7.2%	6.7%	7.1%	7.8%	8.5%	9.6%	9.8%	10.4%	9.3%	8.8%	7.4%	7.4%	100.0%
	2014	8.1%	6.9%	7.3%	7.6%	8.8%	9.3%	10.2%	10.5%	9.1%	8.3%	6.9%	7.2%	100.0%
	2015	7.2%	6.6%	7.4%	7.9%	8.9%	9.5%	10.1%	9.9%	9.1%	8.2%	7.7%	7.5%	100.0%
	2016	7.3%	6.7%	7.3%	7.4%	8.7%	9.8%	10.9%	10.4%	9.3%	8.2%	6.8%	7.3%	100.0%
	2017	7.3%	6.4%	7.3%	7.9%	9.2%	9.4%	10.5%	10.6%	8.3%	8.8%	7.0%	7.3%	100.0%
	2018	7.9%	6.6%	6.9%	7.3%	8.2%	9.4%	10.1%	10.2%	9.9%	9.0%	7.4%	7.1%	100.0%
	2019	7.1%	6.5%	7.1%	7.6%	9.3%	9.8%	10.2%	10.2%	9.4%	9.0%	6.9%	6.9%	100.0%
	2020	7.2%	6.8%	7.7%	7.5%	8.3%	9.5%	10.4%	10.5%	9.6%	8.4%	6.9%	7.1%	100.0%
Projected	2021	7.6%	6.7%	7.4%	7.5%	8.6%	9.4%	10.3%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2022	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	6.9%	7.2%	100.0%
	2023	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2024	7.7%	6.9%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2025	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2026	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2027	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2028	7.7%	6.9%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	6.9%	7.2%	100.0%
	2029	7.7%	6.7%	7.4%	7.5%	8.7%	9.5%	10.3%	10.3%	9.5%	8.4%	6.9%	7.1%	100.0%
	2030	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
Avg.	2011-2020	7.4%	6.7%	7.3%	7.7%	8.8%	9.5%	10.3%	10.3%	9.3%	8.5%	7.0%	7.2%	100.0%
	2021-2030	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	6.9%	7.2%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
 Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Base Case
FP&L Cities - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	517.1	423.2	411.9	473.5	498.9	542.9	550.9	568.1	523.7	455.1	404.6	375.4	574.7	568.1
	2012	487.9	487.6	399.4	449.5	500.1	545.1	552.6	534.3	512.8	485.9	390.0	430.0	487.9	552.6
	2013	411.5	490.6	480.3	444.2	478.7	540.0	525.0	541.5	525.7	492.0	435.7	413.3	490.6	541.5
	2014	446.5	394.1	349.8	383.9	418.3	445.4	470.8	475.7	458.0	405.6	409.8	354.2	446.5	475.7
	2015	384.0	476.8	356.4	417.3	437.7	471.5	478.3	469.9	455.3	408.9	401.6	358.8	476.8	478.3
	2016	437.5	426.1	379.0	400.0	431.8	481.4	501.8	484.4	453.7	423.9	344.6	363.7	437.5	501.8
	2017	411.0	333.6	388.3	411.6	456.4	458.5	480.1	485.1	461.3	426.9	355.2	391.3	411.0	485.1
	2018	474.7	357.3	372.6	366.9	396.1	469.7	475.7	470.6	471.8	429.8	403.8	403.0	474.7	475.7
	2019	402.2	362.5	381.8	390.3	458.8	486.4	484.7	492.9	469.2	431.3	376.0	353.3	403.8	492.9
	2020	414.8	389.6	385.3	409.6	421.6	490.7	489.8	487.6	484.9	428.0	364.2	371.4	414.8	490.7
Projected	2021	446.7	408.2	373.7	401.1	443.0	483.3	487.4	488.8	468.8	425.0	366.3	377.5	446.7	488.8
	2022	454.2	415.0	378.2	404.2	446.5	487.0	491.2	492.6	472.4	428.3	368.6	379.8	454.2	492.6
	2023	457.1	417.6	380.7	406.5	449.1	489.8	493.9	495.4	475.1	430.8	370.3	381.8	457.1	495.4
	2024	459.3	419.8	382.8	409.3	452.1	493.0	497.2	498.6	478.1	433.7	373.3	385.8	459.3	498.6
	2025	463.8	424.1	385.7	411.7	454.8	495.9	500.1	501.6	480.9	436.2	375.6	388.1	463.8	501.6
	2026	466.6	426.7	387.7	413.7	457.1	498.3	502.5	503.9	483.1	438.3	377.5	390.3	466.6	503.9
	2027	469.2	429.1	390.0	415.8	459.5	500.7	505.0	506.4	485.5	440.6	379.2	391.4	469.2	506.4
	2028	470.6	430.4	391.9	418.2	462.1	503.4	507.7	509.1	488.1	443.1	381.8	395.0	470.6	509.1
	2029	474.8	434.3	394.7	420.5	464.6	506.0	510.4	511.8	490.6	439.1	378.2	390.6	474.8	511.8
	2030	468.3	429.0	390.4	416.5	460.1	501.0	505.3	506.6	485.7	441.3	380.6	393.1	468.3	506.6
Projected	2031	470.9	431.4	392.6	418.8	462.7	503.7	508.0	509.4	488.3	443.8	382.2	394.0	470.9	509.4
	2032	472.5	432.8	394.8	421.4	465.6	506.8	511.1	512.4	491.3	446.5	385.1	397.7	472.5	512.4
	2033	476.7	436.7	397.8	424.1	468.5	509.8	514.2	515.5	494.2	449.3	387.6	400.2	476.7	515.5
	2034	479.8	439.5	400.5	426.8	471.5	512.9	517.4	518.7	497.3	452.2	390.2	402.7	479.8	518.7
	2035	482.8	442.3	403.1	429.5	474.5	516.2	520.6	522.0	500.4	442.3	381.9	391.9	482.8	522.0
	2036	469.9	430.7	394.1	420.2	463.6	504.4	508.7	509.6	488.9	445.2	384.8	395.5	469.9	509.6
	2037	473.9	434.5	396.9	422.4	466.0	506.9	511.2	512.2	491.3	429.4	370.8	378.5	473.9	512.2
	2038	452.6	415.2	381.4	407.9	449.0	488.4	492.3	492.7	473.3	431.6	372.9	380.5	452.6	492.7
	2039	455.0	417.4	383.6	410.2	451.5	490.9	494.9	495.4	475.8	434.0	374.9	381.7	455.0	495.4
	2040	456.6	418.7	385.6	412.6	454.2	493.7	497.7	498.2	478.5	436.6	377.4	385.5	456.6	498.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.3%	63.5%	64.0%	66.2%	67.1%	68.4%	69.9%	69.2%	68.9%	64.0%	65.9%	68.8%	55.0%	56.4%
	2012	54.5%	55.2%	69.6%	64.0%	65.8%	64.4%	69.3%	69.1%	68.4%	64.6%	64.7%	61.8%	63.7%	56.0%
	2013	64.1%	55.3%	54.4%	66.3%	64.8%	67.3%	68.1%	70.4%	67.0%	65.1%	63.9%	65.8%	63.3%	56.8%
	2014	56.4%	60.2%	64.6%	63.3%	65.4%	66.9%	67.2%	68.6%	63.6%	63.5%	53.8%	63.5%	59.1%	58.5%
	2015	60.8%	49.8%	67.1%	63.7%	65.7%	67.5%	68.5%	68.7%	66.8%	65.1%	64.2%	67.8%	57.8%	56.5%
	2016	54.3%	54.1%	62.6%	61.8%	65.3%	67.7%	70.1%	69.5%	68.6%	62.4%	65.6%	64.9%	62.8%	55.4%
	2017	55.7%	67.4%	59.3%	62.4%	63.8%	67.1%	69.2%	69.0%	58.4%	64.8%	63.9%	58.6%	65.2%	55.1%
	2018	53.4%	65.6%	58.8%	65.6%	66.4%	65.6%	67.7%	69.1%	68.9%	66.6%	60.0%	56.3%	57.0%	56.5%
	2019	57.0%	63.6%	59.7%	64.7%	65.1%	66.6%	67.7%	66.1%	66.4%	67.3%	60.7%	62.8%	67.5%	55.6%
	2020	54.9%	59.4%	63.1%	60.3%	62.5%	63.6%	67.6%	68.6%	65.2%	62.5%	61.8%	60.6%	65.0%	55.3%
Projected	2021	54.5%	57.7%	62.9%	61.2%	62.0%	64.3%	67.1%	67.3%	66.8%	64.1%	62.6%	60.6%	60.6%	55.1%
	2022	54.4%	57.6%	63.0%	61.3%	62.0%	64.3%	67.1%	67.3%	66.8%	64.0%	62.6%	60.7%	60.1%	55.4%
	2023	54.4%	57.6%	62.9%	61.3%	62.0%	64.3%	67.0%	67.3%	66.9%	64.1%	62.9%	60.9%	60.1%	55.4%
	2024	54.5%	57.2%	63.0%	61.4%	62.1%	64.4%	67.0%	67.3%	66.9%	64.1%	62.8%	60.7%	60.4%	55.5%
	2025	54.4%	57.5%	63.0%	61.5%	62.1%	64.4%	67.0%	67.3%	66.9%	64.0%	62.8%	60.7%	60.0%	55.5%
	2026	54.3%	57.4%	63.0%	61.5%	62.1%	64.4%	67.0%	67.2%	66.9%	64.0%	62.7%	60.7%	60.0%	55.5%
	2027	54.3%	57.4%	62.9%	61.5%	62.1%	64.4%	67.0%	67.2%	66.9%	64.0%	62.8%	60.8%	59.9%	55.5%
	2028	54.4%	57.0%	62.9%	61.4%	62.1%	64.4%	67.0%	67.2%	66.9%	64.0%	62.7%	60.6%	60.2%	55.6%
	2029	54.3%	57.4%	62.8%	61.4%	62.1%	64.4%	67.0%	67.2%	66.9%	64.0%	62.5%	60.6%	59.6%	55.5%
	2030	54.4%	57.4%	62.7%	61.3%	62.0%	64.4%	67.0%	67.3%	66.9%	64.0%	62.5%	60.5%	60.1%	55.4%
Avg.	2011-2020	56.5%	59.4%	62.3%	63.8%	65.2%	66.5%	68.5%	68.8%	66.2%	64.6%	62.5%	63.1%	61.6%	56.2%
	2021-2030	54.4%	57.4%	62.9%	61.4%	62.1%	64.4%	67.0%	67.3%	66.9%	64.0%	62.7%	60.7%	60.1%	55.4%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Base Case
FP&L Cities - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	500.8	365.5	374.8	458.0	465.0	519.7	523.8	534.8	472.2	443.3	385.4	340.4	544.4	534.8
	2012	469.7	440.5	381.5	430.4	470.5	487.5	527.2	502.8	475.1	467.8	343.0	349.1	469.7	527.2
	2013	321.0	423.2	425.0	423.2	466.1	515.3	478.7	524.0	503.5	465.1	408.2	370.8	425.0	524.0
	2014	384.4	331.5	304.0	378.9	404.1	424.2	452.6	452.1	412.6	392.8	322.8	308.9	384.4	452.1
	2015	319.7	456.4	333.9	368.4	434.7	444.3	450.7	438.2	446.2	397.9	390.9	340.3	456.4	444.3
	2016	383.2	384.8	358.7	388.2	394.5	457.4	484.9	474.4	425.5	365.9	333.5	328.8	390.9	484.9
	2017	306.6	323.4	344.6	406.6	447.4	440.6	461.4	467.3	446.0	418.5	323.3	338.7	344.6	467.3
	2018	446.1	325.5	329.8	336.6	378.2	452.3	441.9	464.7	454.6	422.7	364.8	331.2	446.1	464.7
	2019	334.6	333.8	336.9	376.5	427.8	470.0	468.5	438.7	459.7	404.2	374.7	304.6	364.8	470.0
	2020	372.6	340.9	355.3	382.9	406.7	475.6	466.8	468.6	464.9	410.3	335.2	328.2	355.3	475.6
Projected	2021	393.4	369.6	340.7	382.6	425.2	460.7	464.3	466.9	445.5	407.6	337.1	333.6	393.4	466.9
	2022	400.1	375.8	344.7	385.5	428.6	464.2	467.9	470.4	448.9	410.7	339.2	335.6	400.1	470.4
	2023	402.6	378.1	347.0	387.8	431.0	466.9	470.5	473.0	451.4	413.1	340.8	337.2	402.6	473.0
	2024	404.3	379.9	348.9	390.4	433.9	469.9	473.6	476.1	454.3	415.9	343.5	340.6	404.3	476.1
	2025	408.0	383.6	351.4	392.7	436.5	472.7	476.3	478.8	456.9	418.3	345.6	342.5	408.0	478.8
	2026	410.3	385.8	353.2	394.6	438.6	474.9	478.6	481.1	459.0	420.3	347.4	344.4	410.3	481.1
	2027	412.6	387.9	355.3	396.6	440.9	477.2	480.9	483.4	461.2	422.5	348.9	345.5	412.6	483.4
	2028	414.0	389.1	357.0	398.8	443.4	479.8	483.5	486.0	463.7	424.8	351.4	348.5	414.0	486.0
	2029	417.5	392.5	359.6	401.0	445.8	482.3	486.0	488.6	466.1	421.0	348.0	344.5	417.5	488.6
	2030	411.5	387.5	355.6	397.1	441.4	477.3	481.1	483.6	461.3	423.2	350.1	346.6	411.5	483.6
Projected	2031	413.8	389.7	357.7	399.3	443.8	479.8	483.7	486.2	463.8	425.5	351.7	347.5	413.8	486.2
	2032	415.3	391.0	359.7	401.7	446.6	482.7	486.6	489.1	466.5	428.2	354.3	350.7	415.3	489.1
	2033	418.8	394.5	362.3	404.3	449.4	485.6	489.6	492.0	469.4	430.8	356.6	352.9	418.8	492.0
	2034	421.5	397.1	364.8	406.8	452.2	488.6	492.6	495.1	472.2	433.6	359.0	355.2	421.5	495.1
	2035	424.1	399.6	367.2	409.5	455.1	491.6	495.7	498.2	475.2	424.1	351.1	345.4	424.1	498.2
	2036	411.6	388.5	358.8	400.2	444.3	480.2	484.1	486.4	464.3	426.8	353.7	348.5	411.6	486.4
	2037	414.9	391.8	361.3	402.3	446.7	482.6	486.5	488.8	466.6	411.9	341.1	333.5	414.9	488.8
	2038	393.3	374.2	347.8	388.2	430.0	464.2	468.5	470.4	449.3	414.0	343.0	335.3	393.3	470.4
	2039	395.4	376.2	349.7	390.4	432.4	466.7	470.9	472.9	451.6	416.3	344.8	336.4	395.4	472.9
	2040	396.9	377.5	351.6	392.6	435.0	469.3	473.6	475.6	454.1	418.7	347.1	339.6	396.9	475.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	96.9%	86.4%	91.0%	96.7%	93.2%	95.7%	95.1%	94.1%	90.2%	97.4%	95.2%	90.7%	94.7%	94.1%
	2012	96.3%	90.3%	95.5%	95.7%	94.1%	89.4%	95.4%	94.1%	92.7%	96.3%	88.0%	81.2%	96.3%	95.4%
	2013	78.0%	86.3%	88.5%	95.3%	97.4%	95.4%	91.2%	96.8%	95.8%	94.5%	93.7%	89.7%	86.6%	96.8%
	2014	86.1%	84.1%	86.9%	98.7%	96.6%	95.2%	96.1%	95.0%	90.1%	96.8%	78.8%	87.2%	86.1%	95.0%
	2015	83.3%	95.7%	93.7%	88.3%	99.3%	94.2%	93.3%	98.0%	97.3%	97.3%	94.8%	95.7%	92.9%	92.9%
	2016	87.6%	90.3%	94.6%	97.0%	91.4%	95.0%	96.6%	97.9%	93.8%	86.3%	96.8%	90.4%	89.3%	96.6%
	2017	74.6%	96.9%	88.7%	98.8%	98.0%	96.1%	96.1%	96.3%	96.7%	98.0%	91.0%	86.6%	83.8%	96.3%
	2018	94.0%	91.1%	88.5%	91.7%	95.5%	96.3%	92.9%	98.7%	96.4%	98.4%	90.3%	82.2%	94.0%	97.7%
	2019	83.2%	92.1%	88.2%	96.5%	93.2%	96.6%	96.7%	89.0%	98.0%	93.7%	99.6%	86.2%	90.3%	95.3%
	2020	89.8%	87.5%	92.2%	93.5%	96.5%	96.9%	95.3%	96.1%	95.9%	95.9%	92.0%	88.4%	85.7%	96.9%
Projected	2021	88.1%	90.6%	91.2%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.4%	88.1%	95.5%
	2022	88.1%	90.5%	91.2%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.4%	88.1%	95.5%
	2023	88.1%	90.5%	91.1%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.3%	88.1%	95.5%
	2024	88.0%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.0%	95.5%
	2025	88.0%	90.4%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.0%	95.5%
	2026	87.9%	90.4%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.2%	87.9%	95.5%
	2027	87.9%	90.4%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	87.9%	95.5%
	2028	88.0%	90.4%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.2%	88.0%	95.5%
	2029	87.9%	90.4%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.2%	87.9%	95.5%
	2030	87.9%	90.3%	91.1%	95.3%	95.9%	95.3%	95.2%	95.4%	95.0%	95.9%	92.0%	88.2%	87.9%	95.4%
	2011-2020	87.0%	90.1%	90.8%	95.2%	95.5%	95.1%	95.0%	95.1%	94.7%	95.5%	92.3%	87.7%	90.3%	95.7%
	2021-2030	88.0%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.0%	95.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Appendix C
DUKE ENERGY FLORIDA CITIES

FMPA 2021 Load Forecast - Base Case
Duke Energy Florida Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,930,773	-	1,862,167	-	-3.6%	416.1	-	400.8	-	-3.7%	407.5	-	381.7	-	-6.3%
	2012	1,820,328	-5.7%	1,841,720	-1.1%	1.2%	381.2	-8.4%	367.8	-8.2%	-3.5%	373.5	-8.3%	421.5	10.4%	12.9%
	2013	1,827,744	0.4%	1,842,068	0.0%	0.8%	342.2	-10.2%	345.3	-6.1%	0.9%	391.2	4.7%	401.1	-4.8%	2.5%
	2014	1,853,952	1.4%	1,858,357	0.9%	0.2%	371.1	8.5%	390.7	13.2%	5.3%	406.2	3.8%	407.7	1.6%	0.4%
	2015	1,900,777	2.5%	1,866,466	0.4%	-1.8%	407.3	9.7%	393.1	0.6%	-3.5%	419.3	3.2%	425.7	4.4%	1.5%
	2016	1,957,034	3.0%	1,909,678	2.3%	-2.4%	342.9	-15.8%	387.1	-1.5%	12.9%	428.8	2.3%	420.1	-1.3%	-2.0%
	2017	1,903,845	-2.7%	1,923,613	0.7%	1.0%	308.1	-10.2%	352.9	-8.8%	14.6%	423.5	-1.2%	441.7	5.1%	4.3%
	2018	1,959,853	2.9%	1,914,159	-0.5%	-2.3%	440.7	43.0%	433.4	22.8%	-1.7%	424.2	0.2%	421.4	-4.6%	-0.7%
	2019	2,001,879	2.1%	1,935,442	1.1%	-3.3%	324.2	-26.4%	413.4	-4.6%	27.5%	449.9	6.1%	442.5	5.0%	-1.6%
	2020	2,022,399	1.0%	2,028,796	4.8%	0.3%	365.5	12.7%	409.9	-0.9%	12.2%	445.3	-1.0%	442.0	-0.1%	-0.7%
Projected	2021	2,036,601	0.7%	2,036,601	0.4%		414.5	13.4%	414.5	1.1%		445.8	0.1%	445.8	0.9%	
	2022			2,063,729	1.3%				420.4	1.4%				451.5	1.3%	
	2023			2,086,366	1.1%				425.4	1.2%				455.6	0.9%	
	2024			2,110,390	1.2%				431.0	1.3%				458.7	0.7%	
	2025			2,117,416	0.3%				431.8	0.2%				461.8	0.7%	
	2026			2,131,596	0.7%				434.7	0.7%				464.8	0.7%	
	2027			2,146,309	0.7%				437.6	0.7%				468.0	0.7%	
	2028			2,163,058	0.8%				441.6	0.9%				470.2	0.5%	
	2029			2,172,185	0.4%				442.8	0.3%				474.0	0.8%	
	2030			2,190,379	0.8%				446.3	0.8%				478.1	0.9%	
	2031			2,209,594	0.9%				450.3	0.9%				482.2	0.9%	
	2032			2,236,710	1.2%				456.4	1.4%				486.3	0.9%	
	2033			2,247,929	0.5%				458.0	0.3%				490.5	0.9%	
	2034			2,267,514	0.9%				462.0	0.9%				494.7	0.9%	
	2035			2,287,008	0.9%				465.9	0.8%				499.0	0.9%	
	2036			2,315,528	1.2%				472.4	1.4%				503.4	0.9%	
	2037			2,326,316	0.5%				474.0	0.3%				507.5	0.8%	
	2038			2,345,396	0.8%				477.8	0.8%				511.7	0.8%	
	2039			2,365,357	0.9%				481.8	0.8%				516.0	0.8%	
	2040			2,393,874	1.2%				488.3	1.4%				520.3	0.8%	
CAGR^[3]	2011-2020		0.5%		1.0%			-1.4%		0.3%			1.0%		1.6%	
	2021-2030				0.8%					0.8%					0.8%	
	2031-2040				0.9%					0.9%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

**FMPA 2021 Load Forecast - Base Case
Duke Energy Florida Cities - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)**

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,930,773	-	1,930,773	-	420.5	416.2	420.5	416.2	416.1	407.5	416.1	410.6
	2012	1,820,328	-5.7%	1,820,328	-5.7%	385.4	391.7	385.4	391.7	381.2	373.5	381.2	385.4
	2013	1,827,744	0.4%	1,827,744	0.4%	346.7	402.4	346.7	402.4	342.2	391.2	342.3	391.2
	2014	1,853,952	1.4%	1,853,952	1.4%	374.8	413.9	374.8	413.9	371.1	406.2	371.1	406.2
	2015	1,900,777	2.5%	1,900,777	2.5%	407.5	422.7	407.5	422.7	407.3	419.3	407.3	419.3
	2016	1,957,034	3.0%	1,957,034	3.0%	379.2	435.4	379.2	435.4	342.9	428.8	375.9	428.8
	2017	1,903,845	-2.7%	1,903,845	-2.7%	344.8	429.5	344.8	429.5	308.1	423.5	340.7	423.5
	2018	1,959,853	2.9%	1,959,853	2.9%	446.6	426.6	446.6	426.6	440.7	424.2	440.7	424.2
	2019	2,001,879	2.1%	2,001,879	2.1%	366.3	450.2	366.3	450.2	324.2	449.9	349.1	449.9
	2020	2,022,399	1.0%	2,006,191	0.2%	380.9	453.3	418.4	442.5	365.5	445.3	414.0	435.7
Projected	2021	2,036,601	0.7%	2,015,102	0.4%	418.8	452.5	420.4	445.9	414.5	445.8	415.9	439.0
	2022	2,063,729	1.3%	2,032,870	0.9%	424.7	458.3	424.0	449.8	420.4	451.5	419.5	442.9
	2023	2,086,366	1.1%	2,048,756	0.8%	429.8	462.4	427.5	453.1	425.4	455.6	422.9	446.2
	2024	2,110,390	1.2%	2,071,157	1.1%	435.4	465.6	432.7	456.4	431.0	458.7	428.1	449.4
	2025	2,117,416	0.3%	2,078,485	0.4%	436.2	468.7	433.7	459.7	431.8	461.8	429.1	452.6
	2026	2,131,596	0.7%	2,093,043	0.7%	439.1	471.8	436.7	462.8	434.7	464.8	432.1	455.7
	2027	2,146,309	0.7%	2,107,044	0.7%	442.1	475.1	439.7	465.9	437.6	468.0	435.0	458.7
	2028	2,163,058	0.8%	2,119,737	0.6%	445.8	477.3	442.6	467.1	441.6	470.2	438.2	459.9
	2029	2,172,185	0.4%	2,124,683	0.2%	447.0	481.0	443.1	469.8	442.8	474.0	438.6	462.6
	2030	2,190,379	0.8%	2,137,518	0.6%	450.6	485.2	445.6	472.7	446.3	478.1	441.1	465.5
	2031	2,209,594	0.9%	2,151,685	0.7%	454.6	489.4	448.6	475.9	450.3	482.2	444.0	468.6
	2032	2,236,710	1.2%	2,173,685	1.0%	460.8	493.6	453.8	479.0	456.4	486.3	449.2	471.6
	2033	2,247,929	0.5%	2,179,828	0.3%	462.4	497.9	454.4	482.0	458.0	490.5	449.8	474.6
	2034	2,267,514	0.9%	2,193,336	0.6%	466.5	502.1	457.3	484.9	462.0	494.7	452.7	477.5
	2035	2,287,008	0.9%	2,206,233	0.6%	470.4	506.5	459.9	487.8	465.9	499.0	455.3	480.3
	2036	2,315,528	1.2%	2,227,617	1.0%	476.9	510.9	465.0	490.7	472.4	503.4	460.3	483.1
	2037	2,326,316	0.5%	2,231,893	0.2%	478.5	515.0	465.3	493.3	474.0	507.5	460.6	485.7
	2038	2,345,396	0.8%	2,244,094	0.5%	482.3	519.3	467.8	496.1	477.8	511.7	463.0	488.5
	2039	2,365,357	0.9%	2,257,005	0.6%	486.4	523.7	470.5	498.9	481.8	516.0	465.7	491.2
	2040	2,393,874	1.2%			493.0	528.1			488.3	520.3		
CAGR [1]	Historical		0.5%		0.5%	-1.1%	1.0%	-1.7%	1.0%	-0.5%	2.2%	-1.2%	2.2%
	1st 10 Prj Yrs		0.8%		0.6%	0.8%	0.8%	0.6%	0.7%	0.8%	0.8%	0.6%	0.7%
	2nd 10 Prj Yrs		0.9%		0.6%	0.9%	0.8%	0.6%	0.6%	0.9%	0.8%	0.6%	0.6%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Duke Energy Florida Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,930,773	-	1,862,167	-	-3.6%	416.1	-	400.8	-	-3.7%	407.5	-	381.7	-	-6.3%
	2012	1,820,328	-5.7%	1,841,720	-1.1%	1.2%	381.2	-8.4%	367.8	-8.2%	-3.5%	373.5	-8.3%	421.5	10.4%	12.9%
	2013	1,827,744	0.4%	1,842,068	0.0%	0.8%	342.2	-10.2%	345.3	-6.1%	0.9%	391.2	4.7%	401.1	-4.8%	2.5%
	2014	1,853,952	1.4%	1,858,357	0.9%	0.2%	371.1	8.5%	390.7	13.2%	5.3%	406.2	3.8%	407.7	1.6%	0.4%
	2015	1,902,497	2.6%	1,866,466	0.4%	-1.9%	407.6	9.8%	393.1	0.6%	-3.5%	419.6	3.3%	425.7	4.4%	1.4%
	2016	1,959,340	3.0%	1,909,678	2.3%	-2.5%	343.2	-15.8%	387.1	-1.5%	12.8%	429.1	2.3%	420.1	-1.3%	-2.1%
	2017	1,904,433	-2.8%	1,923,613	0.7%	1.0%	308.1	-10.2%	352.9	-8.8%	14.6%	423.5	-1.3%	441.7	5.1%	4.3%
	2018	1,959,853	2.9%	1,914,159	-0.5%	-2.3%	440.7	43.0%	433.4	22.8%	-1.7%	424.2	0.2%	421.4	-4.6%	-0.7%
	2019	2,001,879	2.1%	1,935,442	1.1%	-3.3%	324.2	-26.4%	413.4	-4.6%	27.5%	449.9	6.1%	442.5	5.0%	-1.6%
	2020	2,022,399	1.0%	2,006,848	3.7%	-0.8%	365.5	12.7%	409.9	-0.9%	12.2%	445.3	-1.0%	442.0	-0.1%	-0.7%
Projected	2021	2,032,686	0.5%	2,032,686	1.3%		414.5	13.4%	414.5	1.1%		444.9	-0.1%	444.9	0.7%	
	2022			2,058,382	1.3%				420.4	1.4%				450.2	1.2%	
	2023			2,079,578	1.0%				425.4	1.2%				454.0	0.8%	
	2024			2,101,983	1.1%				431.0	1.3%				456.7	0.6%	
	2025			2,107,258	0.3%				431.8	0.2%				459.4	0.6%	
	2026			2,119,038	0.6%				434.7	0.7%				461.8	0.5%	
	2027			2,131,144	0.6%				437.6	0.7%				464.4	0.6%	
	2028			2,145,107	0.7%				441.6	0.9%				466.0	0.3%	
	2029			2,151,360	0.3%				442.8	0.3%				469.0	0.7%	
	2030			2,166,530	0.7%				446.3	0.8%				472.4	0.7%	
	2031			2,183,735	0.8%				450.3	0.9%				476.0	0.8%	
	2032			2,208,744	1.1%				456.4	1.4%				479.7	0.8%	
	2033			2,217,900	0.4%				458.0	0.3%				483.4	0.8%	
	2034			2,235,411	0.8%				462.0	0.9%				487.1	0.8%	
	2035			2,252,722	0.8%				465.9	0.8%				490.9	0.8%	
	2036			2,278,851	1.2%				472.4	1.4%				494.7	0.8%	
	2037			2,287,233	0.4%				474.0	0.3%				498.2	0.7%	
	2038			2,303,835	0.7%				477.8	0.8%				501.8	0.7%	
	2039			2,321,162	0.8%				481.8	0.8%				505.5	0.7%	
	2040			2,346,921	1.1%				488.3	1.4%				509.2	0.7%	
CAGR ^[3]	2011-2020		0.5%		0.8%			-1.4%		0.3%			1.0%		1.6%	
	2021-2030				0.7%					0.8%					0.7%	
	2031-2040				0.8%					0.9%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Base Case
Duke Energy Florida Cities - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	152,375	126,194	131,429	147,730	169,503	183,822	188,565	201,342	175,698	137,798	125,307	132,269	1,872,030	1,930,773
	2012	142,196	125,894	139,027	142,877	169,382	164,976	186,229	183,698	170,677	152,038	126,540	137,410	1,840,943	1,820,328
	2013	135,758	126,422	136,897	141,458	156,355	174,618	175,873	189,899	174,475	153,896	127,773	135,566	1,828,991	1,827,744
	2014	161,655	125,071	129,480	138,377	163,443	171,918	185,775	193,339	167,658	149,219	131,467	140,713	1,858,115	1,853,952
	2015	146,342	135,477	142,180	151,137	172,147	185,413	185,670	190,005	172,729	152,030	142,943	140,517	1,916,589	1,902,497
	2016	149,700	135,337	138,366	142,125	169,913	194,799	209,266	201,242	183,103	155,850	130,461	137,293	1,947,454	1,959,340
	2017	140,507	120,973	139,593	150,249	177,053	177,153	195,682	204,773	174,846	165,369	130,142	142,869	1,919,208	1,904,433
	2018	173,303	128,560	135,746	138,814	165,178	187,216	190,961	204,433	197,264	173,536	140,929	143,251	1,979,190	1,959,853
	2019	153,631	126,816	137,941	147,472	189,981	194,216	199,139	203,190	191,778	179,040	136,669	140,608	2,000,480	2,001,879
	2020	148,602	137,502	158,270	150,056	171,213	194,624	206,781	208,763	190,271	165,379	139,696	153,273	2,024,431	2,022,399
Projected	2021	161,333	139,461	147,814	149,454	179,159	193,644	204,887	210,079	188,506	166,446	141,684	155,181	2,037,650	2,032,686
	2022	163,392	141,682	150,374	151,012	181,894	195,730	207,482	212,823	190,681	168,624	143,571	157,162	2,064,426	2,058,382
	2023	165,120	143,322	151,947	152,619	183,804	197,406	209,222	214,588	192,193	169,995	144,840	158,431	2,083,488	2,079,578
	2024	166,342	152,049	153,032	153,816	185,130	198,634	210,522	215,871	193,320	171,139	145,831	159,498	2,105,184	2,101,983
	2025	167,349	145,312	153,972	154,802	186,319	199,771	211,722	217,109	194,434	172,121	146,687	160,496	2,110,094	2,107,258
	2026	168,323	146,182	154,809	155,676	187,380	200,826	212,828	218,257	195,455	173,056	147,481	161,472	2,121,742	2,119,038
	2027	169,321	147,071	155,655	156,563	188,482	201,945	214,027	219,503	196,569	173,484	147,813	161,984	2,132,417	2,131,144
	2028	169,834	155,387	156,031	156,974	189,046	202,549	214,675	220,200	197,131	174,582	148,737	163,125	2,148,271	2,145,107
	2029	171,027	148,589	157,016	157,999	190,319	203,860	216,063	221,637	198,407	175,736	149,705	164,316	2,154,673	2,151,360
	2030	172,269	149,688	158,073	159,098	191,687	205,290	217,596	223,237	199,835	177,136	150,895	165,712	2,170,515	2,166,530
Projected	2031	173,717	150,938	159,302	160,347	193,212	206,882	219,274	224,961	201,360	178,500	152,038	167,048	2,187,579	2,183,735
	2032	175,111	160,247	160,508	161,579	194,721	208,463	220,950	226,687	202,891	179,878	153,202	168,412	2,212,650	2,208,744
	2033	176,533	153,392	161,731	162,831	196,257	210,076	222,663	228,458	204,467	181,307	154,409	169,822	2,221,945	2,217,900
	2034	177,999	154,669	162,991	164,113	197,817	211,699	224,370	230,207	206,009	182,680	155,562	171,168	2,239,284	2,235,411
	2035	179,403	155,903	164,217	165,374	199,368	213,327	226,104	232,004	207,612	184,121	156,782	172,606	2,256,821	2,252,722
	2036	180,897	165,558	165,490	166,672	200,949	214,973	227,838	233,784	209,181	185,521	157,951	173,980	2,282,794	2,278,851
	2037	182,322	158,435	166,683	167,887	202,431	216,505	229,450	235,436	210,633	186,827	159,042	175,271	2,290,921	2,287,233
	2038	183,671	159,627	167,851	169,091	203,918	218,069	231,119	237,171	212,180	188,217	160,211	176,674	2,307,798	2,303,835
	2039	185,141	160,896	169,076	170,341	205,453	219,676	232,822	238,925	213,729	189,607	161,369	178,060	2,325,094	2,321,162
	2040	186,589	170,774	170,291	171,581	206,975	221,264	234,503	240,655	215,253	190,978	162,510	179,425	2,350,798	2,346,921

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.1%	6.7%	7.0%	7.9%	9.1%	9.8%	10.1%	10.8%	9.4%	7.4%	6.7%	7.1%	100.0%
	2012	7.7%	6.8%	7.6%	7.8%	9.2%	9.0%	10.1%	10.0%	9.3%	8.3%	6.9%	7.5%	100.0%
	2013	7.4%	6.9%	7.5%	7.7%	8.5%	9.5%	9.6%	10.4%	9.5%	8.4%	7.0%	7.4%	100.0%
	2014	8.7%	6.7%	7.0%	7.4%	8.8%	9.3%	10.0%	10.4%	9.0%	8.0%	7.1%	7.6%	100.0%
	2015	7.6%	7.1%	7.4%	7.9%	9.0%	9.7%	9.7%	9.9%	9.0%	7.9%	7.5%	7.3%	100.0%
	2016	7.7%	6.9%	7.1%	7.3%	8.7%	10.0%	10.7%	10.3%	9.4%	8.0%	6.7%	7.0%	100.0%
	2017	7.3%	6.3%	7.3%	7.8%	9.2%	9.2%	10.2%	10.7%	9.1%	8.6%	6.8%	7.4%	100.0%
	2018	8.8%	6.5%	6.9%	7.0%	8.3%	9.5%	9.6%	10.3%	10.0%	8.8%	7.1%	7.2%	100.0%
	2019	7.7%	6.3%	6.9%	7.4%	9.5%	9.7%	10.0%	10.2%	9.6%	8.9%	6.8%	7.0%	100.0%
	2020	7.3%	6.8%	7.8%	7.4%	8.5%	9.6%	10.2%	10.3%	9.4%	8.2%	6.9%	7.6%	100.0%
Projected	2021	7.9%	6.8%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.6%	100.0%
	2022	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.2%	7.0%	7.6%	100.0%
	2023	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	7.0%	7.6%	100.0%
	2024	7.9%	7.2%	7.3%	7.3%	8.8%	9.4%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2025	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	7.0%	7.6%	100.0%
	2026	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	7.0%	7.6%	100.0%
	2027	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2028	7.9%	7.2%	7.3%	7.3%	8.8%	9.4%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2029	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	6.9%	7.6%	100.0%
	2030	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	7.0%	7.6%	100.0%
Avg.	2011-2020	7.8%	6.7%	7.2%	7.6%	8.9%	9.5%	10.0%	10.3%	9.4%	8.3%	6.9%	7.3%	100.0%
	2021-2030	7.9%	7.0%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	6.9%	7.6%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
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FMPA 2021 Load Forecast - Base Case
Duke Energy Florida Cities - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	403.3	334.3	261.1	356.0	380.1	415.7	403.6	416.2	376.6	307.4	267.9	266.6	420.5	416.2
	2012	385.4	369.1	287.6	329.8	367.7	383.7	391.7	391.4	380.7	346.5	277.1	289.2	385.4	391.7
	2013	288.9	344.0	346.7	315.0	346.3	389.5	387.3	402.4	388.4	339.6	283.2	281.1	346.7	402.4
	2014	374.8	325.7	261.6	341.9	364.5	383.8	395.6	413.9	394.8	346.7	335.6	306.2	374.8	413.9
	2015	343.1	408.2	296.5	328.9	381.3	423.0	396.0	415.0	389.6	343.8	346.5	281.3	408.2	423.0
	2016	379.5	370.8	302.9	347.8	380.5	422.9	435.7	426.9	390.5	344.9	288.0	279.3	379.5	435.7
	2017	344.8	284.1	312.7	380.6	397.9	409.6	419.1	429.5	401.3	390.5	285.0	347.1	344.8	429.5
	2018	446.6	308.7	285.5	300.4	368.6	413.9	412.1	426.6	424.1	400.4	331.8	343.4	446.6	426.6
	2019	366.3	306.2	311.2	346.2	437.2	450.2	436.0	428.3	431.6	391.4	331.5	302.7	366.3	450.2
	2020	380.9	314.7	366.8	354.2	412.7	453.3	444.4	446.8	442.1	386.0	338.8	317.2	380.9	453.3
Projected	2021	418.8	381.1	333.3	358.7	410.4	441.2	433.7	451.5	425.8	384.2	343.5	321.7	418.8	451.5
	2022	424.7	386.5	338.1	363.2	415.5	446.5	438.9	457.0	431.0	388.9	347.6	325.5	424.7	457.0
	2023	429.8	391.1	342.2	366.3	419.1	450.2	442.6	460.8	434.5	392.3	352.3	329.8	429.8	460.8
	2024	435.4	396.3	346.7	368.6	421.8	452.9	445.3	463.6	437.2	394.8	352.8	330.4	435.4	463.6
	2025	436.2	397.0	347.3	370.9	424.4	455.5	447.8	466.3	439.7	397.1	355.2	332.6	436.2	466.3
	2026	439.1	399.6	349.7	373.0	426.9	457.9	450.2	468.8	442.0	399.4	357.5	334.9	439.1	468.8
	2027	442.1	402.3	352.0	375.3	429.5	460.5	452.7	471.5	444.5	400.6	360.9	337.8	442.1	471.5
	2028	445.8	406.0	355.2	376.6	431.1	462.0	454.1	473.0	445.9	403.3	361.8	338.7	445.8	473.0
	2029	447.0	407.1	356.2	379.3	434.2	465.0	457.1	476.1	448.7	406.2	364.7	341.5	447.0	476.1
	2030	450.6	410.4	359.0	382.2	437.6	468.3	460.3	479.5	451.9	409.4	367.9	344.5	450.6	479.5
Projected	2031	454.6	414.0	362.2	385.3	441.2	471.9	463.9	483.2	455.4	412.8	373.0	349.2	454.6	483.2
	2032	460.8	419.7	367.2	388.4	444.7	475.5	467.4	486.9	458.9	416.1	374.2	350.4	460.8	486.9
	2033	462.4	421.1	368.5	391.5	448.4	479.2	471.0	490.7	462.4	419.5	377.5	353.5	462.4	490.7
	2034	466.5	424.8	371.7	394.7	452.0	482.9	474.6	494.5	465.9	422.8	380.7	356.4	466.5	494.5
	2035	470.4	428.4	374.9	397.9	455.7	486.6	478.3	498.3	469.5	426.3	386.0	361.4	470.4	498.3
	2036	476.9	434.4	380.1	401.1	459.4	490.4	482.0	502.2	473.1	429.7	387.2	362.6	476.9	502.2
	2037	478.5	435.8	381.4	404.1	462.9	493.8	485.3	505.7	476.4	432.9	390.3	365.5	478.5	505.7
	2038	482.3	439.3	384.4	407.2	466.5	497.4	488.9	509.4	479.9	436.3	393.6	368.6	482.3	509.4
	2039	486.4	443.1	387.7	410.4	470.2	501.1	492.5	513.2	483.4	439.7	399.0	373.5	486.4	513.2
	2040	493.0	449.1	393.0	413.5	473.8	504.7	496.0	516.9	486.9	443.1	403.5	377.8	493.0	516.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.8%	56.2%	67.7%	57.6%	59.9%	61.4%	62.8%	65.0%	64.8%	60.3%	65.0%	66.7%	50.8%	53.0%
	2012	49.6%	49.0%	65.0%	60.2%	61.9%	59.7%	63.9%	63.1%	62.3%	59.0%	63.4%	63.9%	54.5%	53.0%
	2013	63.2%	54.7%	53.1%	62.4%	60.7%	62.3%	61.0%	63.4%	62.4%	60.9%	62.7%	64.8%	60.2%	51.9%
	2014	58.0%	57.1%	66.5%	56.2%	60.3%	62.2%	63.1%	62.8%	59.0%	57.9%	54.4%	61.8%	56.6%	51.1%
	2015	57.3%	49.4%	64.4%	63.8%	60.7%	60.9%	63.0%	61.5%	61.6%	59.4%	57.3%	67.1%	53.6%	51.3%
	2016	53.0%	52.4%	61.4%	56.8%	60.0%	64.0%	64.6%	63.4%	65.1%	60.7%	62.9%	66.1%	58.6%	51.3%
	2017	54.8%	63.4%	60.0%	54.8%	59.8%	60.1%	62.8%	64.1%	60.5%	56.9%	63.4%	55.3%	63.5%	50.6%
	2018	52.2%	62.0%	63.9%	64.2%	60.2%	62.8%	62.3%	64.4%	64.6%	58.3%	59.0%	56.1%	50.6%	52.4%
	2019	56.4%	61.6%	59.6%	59.2%	58.4%	59.9%	61.4%	63.8%	61.7%	61.5%	57.3%	62.4%	62.3%	50.8%
	2020	52.4%	62.8%	58.0%	58.8%	55.8%	59.6%	62.5%	62.8%	59.8%	57.6%	57.3%	64.9%	60.7%	50.9%
Projected	2021	51.8%	54.5%	59.6%	57.9%	58.7%	61.0%	63.5%	62.5%	61.5%	58.2%	57.3%	64.8%	55.5%	51.4%
	2022	51.7%	54.6%	59.8%	57.8%	58.8%	60.9%	63.5%	62.6%	61.5%	58.3%	57.4%	64.9%	55.5%	51.4%
	2023	51.6%	54.5%	59.7%	57.9%	59.0%	60.9%	63.5%	62.6%	61.4%	58.2%	57.1%	64.6%	55.3%	51.5%
	2024	51.3%	55.1%	59.3%	58.0%	59.0%	60.9%	63.5%	62.6%	61.4%	58.3%	57.4%	64.9%	55.2%	51.8%
	2025	51.6%	54.5%	59.6%	58.0%	59.0%	60.9%	63.5%	62.6%	61.4%	58.3%	57.4%	64.9%	55.2%	51.6%
	2026	51.5%	54.4%	59.5%	58.0%	59.0%	60.9%	63.5%	62.6%	61.4%	58.2%	57.3%	64.8%	55.2%	51.6%
	2027	51.5%	54.4%	59.4%	57.9%	59.0%	60.9%	63.5%	62.6%	61.4%	58.2%	56.9%	64.4%	55.1%	51.6%
	2028	51.2%	55.0%	59.0%	57.9%	58.9%	60.9%	63.5%	62.6%	61.4%	58.2%	57.1%	64.7%	55.0%	51.8%
	2029	51.4%	54.3%	59.3%	57.9%	58.9%	60.9%	63.5%	62.6%	61.4%	58.2%	57.0%	64.7%	55.0%	51.6%
	2030	51.4%	54.3%	59.2%	57.8%	58.9%	60.9%	63.5%	62.6%	61.4%	58.1%	57.0%	64.7%	55.0%	51.6%
Avg.	2011-2020	54.8%	56.9%	62.0%	59.4%	59.8%	61.3%	62.7%	63.4%	62.2%	59.2%	60.3%	62.9%	57.1%	51.6%
	2021-2030	51.5%	54.6%	59.4%	57.9%	58.9%	60.9%	63.5%	62.6%	61.4%	58.2%	57.2%	64.7%	55.2%	51.6%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Base Case
Duke Energy Florida Cities - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	401.6	333.5	226.8	342.8	371.8	410.6	391.9	407.5	370.5	304.0	258.2	234.1	416.1	407.5
	2012	381.2	368.7	278.6	313.0	345.0	368.2	373.5	385.4	377.9	341.7	227.0	288.9	381.2	373.5
	2013	285.3	342.3	342.2	299.4	332.8	362.9	379.0	391.2	375.9	333.9	265.3	243.1	342.2	391.2
	2014	371.1	325.5	209.1	340.6	356.6	377.0	377.7	406.2	389.8	342.2	330.7	303.1	371.1	406.2
	2015	342.6	407.6	288.1	320.9	376.9	419.6	387.0	406.6	372.9	342.3	343.2	273.8	407.6	419.6
	2016	376.2	370.4	302.5	347.5	371.8	415.8	429.1	424.4	378.1	325.0	285.2	268.6	343.2	429.1
	2017	340.7	280.3	308.1	379.9	386.5	405.4	414.4	423.5	379.1	390.1	283.4	346.9	308.1	423.5
	2018	440.7	305.5	273.2	289.4	361.7	380.5	405.0	424.2	412.0	397.0	324.2	343.1	440.7	424.2
	2019	349.1	303.2	296.3	345.9	436.8	449.9	430.8	418.3	430.5	372.5	327.2	246.9	324.2	449.9
	2020	380.9	293.6	365.5	342.5	400.0	445.3	412.9	441.0	437.5	378.3	326.1	299.7	365.5	445.3
Projected	2021	414.5	376.8	317.7	350.7	400.2	431.3	421.6	444.9	416.8	376.4	330.6	303.9	414.5	444.9
	2022	420.4	382.1	322.2	355.1	405.2	436.5	426.7	450.2	421.8	381.1	334.5	307.6	420.4	450.2
	2023	425.4	386.7	326.1	358.1	408.7	440.1	430.2	454.0	425.3	384.4	339.0	311.6	425.4	454.0
	2024	431.0	391.9	330.4	360.4	411.3	442.8	432.8	456.7	427.8	386.8	339.5	312.2	431.0	456.7
	2025	431.8	392.6	331.0	362.6	413.8	445.3	435.3	459.4	430.3	389.1	341.8	314.3	431.8	459.4
	2026	434.7	395.2	333.2	364.7	416.2	447.6	437.6	461.8	432.5	391.3	344.1	316.4	434.7	461.8
	2027	437.6	397.9	335.4	366.9	418.8	450.2	440.0	464.4	434.9	392.5	347.3	319.1	437.6	464.4
	2028	441.6	401.5	338.5	368.2	420.4	451.6	441.4	466.0	436.3	395.2	348.2	320.0	441.6	466.0
	2029	442.8	402.6	339.4	370.8	423.4	454.5	444.3	469.0	439.1	397.9	351.0	322.6	442.8	469.0
	2030	446.3	405.8	342.1	373.7	426.7	457.7	447.4	472.4	442.2	401.2	354.1	325.4	446.3	472.4
Projected	2031	450.3	409.4	345.2	376.7	430.2	461.3	450.9	476.0	445.6	404.4	359.0	329.9	450.3	476.0
	2032	456.4	415.1	349.9	379.7	433.7	464.8	454.3	479.7	448.9	407.6	360.2	331.0	456.4	479.7
	2033	458.0	416.5	351.1	382.8	437.2	468.4	457.8	483.4	452.4	411.0	363.3	333.9	458.0	483.4
	2034	462.0	420.1	354.2	385.9	440.7	471.9	461.3	487.1	455.8	414.3	366.4	336.7	462.0	487.1
	2035	465.9	423.7	357.2	389.0	444.4	475.6	464.9	490.9	459.4	417.6	371.6	341.4	465.9	490.9
	2036	472.4	429.6	362.2	392.1	448.0	479.2	468.4	494.7	462.8	421.0	372.7	342.5	472.4	494.7
	2037	474.0	431.0	363.4	395.0	451.3	482.6	471.7	498.2	466.1	424.1	375.7	345.2	474.0	498.2
	2038	477.8	434.5	366.3	398.1	454.9	486.1	475.1	501.8	469.5	427.4	378.9	348.2	477.8	501.8
	2039	481.8	438.2	369.5	401.2	458.4	489.7	478.6	505.5	472.9	430.8	384.0	352.9	481.8	505.5
	2040	488.3	444.1	374.4	404.3	462.0	493.2	482.0	509.2	476.3	434.1	388.4	356.9	488.3	509.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.6%	99.8%	86.9%	96.3%	97.8%	98.8%	97.1%	97.9%	98.4%	98.9%	96.4%	87.8%	99.0%	97.9%
	2012	98.9%	99.9%	96.9%	94.9%	93.8%	96.0%	95.3%	98.5%	99.3%	98.6%	81.9%	99.9%	98.9%	95.3%
	2013	98.7%	99.5%	98.7%	95.1%	96.1%	93.2%	97.8%	97.2%	96.8%	98.3%	93.7%	86.5%	98.7%	97.2%
	2014	99.0%	99.9%	80.0%	99.6%	97.8%	98.2%	95.5%	98.1%	98.7%	98.7%	98.5%	99.0%	99.0%	98.1%
	2015	99.9%	99.8%	97.2%	97.6%	98.9%	99.2%	97.7%	98.0%	95.7%	99.6%	99.0%	97.3%	99.8%	99.2%
	2016	99.1%	99.9%	99.9%	99.9%	97.7%	98.3%	98.5%	99.4%	96.8%	94.2%	99.0%	96.2%	90.4%	98.5%
	2017	98.8%	98.7%	98.5%	99.8%	97.1%	99.0%	98.9%	98.6%	94.5%	99.9%	99.4%	100.0%	89.4%	98.6%
	2018	98.7%	98.9%	95.7%	96.3%	98.1%	91.9%	98.3%	99.4%	97.1%	99.1%	97.7%	99.9%	98.7%	99.4%
	2019	95.3%	99.0%	95.2%	99.9%	99.9%	99.9%	98.8%	97.7%	99.7%	95.2%	98.7%	81.6%	88.5%	99.9%
	2020	100.0%	93.3%	99.6%	96.7%	96.9%	98.2%	92.9%	98.7%	99.0%	98.0%	96.2%	94.5%	96.0%	98.2%
Projected	2021	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2022	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2023	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2024	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2025	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2026	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2027	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2028	99.1%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.1%	98.5%
	2029	99.1%	98.9%	95.3%	97.8%	97.5%	97.7%	97.2%	98.5%	97.8%	98.0%	96.2%	94.5%	99.1%	98.5%
	2030	99.1%	98.9%	95.3%	97.8%	97.5%	97.7%	97.2%	98.5%	97.8%	98.0%	96.2%	94.5%	99.1%	98.5%
	2011-2020	98.8%	98.9%	94.8%	97.6%	97.4%	97.3%	97.1%	98.3%	97.6%	98.1%	96.1%	94.3%	95.8%	98.2%
	2021-2030	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Appendix D

ARP MEMBER FORECASTS

FMPA 2021 Load Forecast - Base Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	25,311	-	24,578	-	-2.9%	7.0	-	6.8	-	-2.8%	5.2	-	5.2	-	-0.1%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	5.5	-20.8%	5.6	-18.2%	0.5%	4.8	-8.3%	5.8	11.0%	20.9%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	4.2%	5.5	-0.1%	-3.6%	5.0	5.8%	5.3	-8.7%	4.4%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	6.7	21.3%	6.2%	5.4	7.1%	5.3	0.9%	-1.6%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	6.8	0.7%	1.1%	5.6	4.0%	5.1	-3.0%	-8.2%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	5.1	-23.2%	5.9	-13.3%	14.1%	5.6	-0.4%	5.2	0.9%	-7.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	4.1	-19.8%	5.4	-8.0%	30.9%	6.1	9.8%	6.2	19.6%	1.3%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.5	58.6%	7.2	33.5%	10.2%	5.7	-7.3%	5.9	-5.5%	3.3%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	4.6	-29.9%	6.0	-17.2%	30.1%	5.8	1.8%	5.6	-5.3%	-3.9%
	2020	55,936	118.3%	55,814	121.7%	-0.2%	10.5	129.1%	12.9	115.5%	22.4%	11.7	102.3%	11.3	103.4%	-3.4%
Projected	2021	56,240	0.5%	56,240	0.8%		13.8	31.0%	13.8	7.0%		12.4	5.6%	12.4	9.3%	
	2022			57,235	1.8%				14.1	2.5%				12.6	1.6%	
	2023			58,052	1.4%				14.3	1.4%				12.7	1.4%	
	2024			59,028	1.7%				14.5	1.3%				12.9	1.4%	
	2025			59,639	1.0%				14.7	1.5%				13.1	1.2%	
	2026			60,251	1.0%				14.8	1.0%				13.2	1.0%	
	2027			60,802	0.9%				15.0	0.9%				13.3	0.9%	
	2028			61,469	1.1%				15.1	0.7%				13.4	0.9%	
	2029			61,865	0.6%				15.2	1.0%				13.5	0.9%	
	2030			62,395	0.9%				15.4	0.9%				13.7	0.9%	
	2031			62,910	0.8%				15.5	0.8%				13.8	0.8%	
	2032			63,539	1.0%				15.6	0.6%				13.9	0.8%	
	2033			63,893	0.6%				15.7	0.9%				14.0	0.8%	
	2034			64,388	0.8%				15.9	0.8%				14.1	0.8%	
	2035			64,885	0.8%				16.0	0.8%				14.2	0.8%	
	2036			65,521	1.0%				16.1	0.6%				14.3	0.8%	
	2037			65,861	0.5%				16.2	0.9%				14.4	0.7%	
	2038			66,342	0.7%				16.3	0.7%				14.5	0.7%	
	2039			66,823	0.7%				16.5	0.7%				14.6	0.7%	
	2040			67,450	0.9%				16.6	0.6%				14.7	0.7%	
CAGR^[3]	2011-2020		9.2%		9.5%			4.7%		7.4%			9.5%		9.1%	
	2021-2030				1.2%					1.2%					1.1%	
	2031-2040				0.8%					0.7%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Bushnell

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	25,311	-	25,311	-	7.2	5.9	7.2	5.9	7.0	5.2	7.0	5.2
	2012	23,675	-6.5%	23,675	-6.5%	6.3	5.6	6.3	5.6	5.5	4.8	5.5	4.8
	2013	23,262	-1.7%	23,262	-1.7%	5.8	5.9	5.8	5.9	5.8	5.0	5.8	5.0
	2014	23,792	2.3%	23,792	2.3%	6.3	5.8	6.3	5.8	6.3	5.4	6.3	5.4
	2015	24,259	2.0%	24,259	2.0%	6.7	5.8	6.7	5.8	6.7	5.6	6.7	5.6
	2016	24,927	2.8%	24,927	2.8%	6.0	6.1	6.0	6.1	5.1	5.6	5.1	5.6
	2017	24,334	-2.4%	24,334	-2.4%	5.2	6.1	5.2	6.1	4.1	6.1	4.1	6.1
	2018	25,430	4.5%	25,430	4.5%	6.8	5.9	6.8	5.9	6.5	5.7	6.5	5.7
	2019	25,623	0.8%	25,623	0.8%	5.3	5.9	5.3	5.9	4.6	5.8	4.6	5.8
	2020	55,936	118.3%	57,265	123.5%	12.2	11.8	15.3	12.9	10.5	11.7	15.0	11.9
Projected	2021	56,240	0.5%	57,569	0.5%	14.0	13.2	15.5	13.0	13.8	12.4	15.2	12.0
	2022	57,235	1.8%	58,112	0.9%	14.4	13.4	15.6	13.2	14.1	12.6	15.3	12.2
	2023	58,052	1.4%	58,616	0.9%	14.6	13.6	15.7	13.3	14.3	12.7	15.5	12.3
	2024	59,028	1.7%	59,237	1.1%	14.7	13.8	15.9	13.4	14.5	12.9	15.6	12.4
	2025	59,639	1.0%	59,566	0.6%	15.0	13.9	16.0	13.5	14.7	13.1	15.7	12.4
	2026	60,251	1.0%	60,044	0.8%	15.1	14.1	16.1	13.6	14.8	13.2	15.8	12.5
	2027	60,802	0.9%	60,513	0.8%	15.2	14.2	16.3	13.7	15.0	13.3	16.0	12.6
	2028	61,469	1.1%	61,136	1.0%	15.4	14.3	16.4	13.8	15.1	13.4	16.1	12.7
	2029	61,865	0.6%	61,460	0.5%	15.5	14.5	16.5	13.9	15.2	13.5	16.2	12.8
	2030	62,395	0.9%	61,937	0.8%	15.6	14.6	16.6	14.0	15.4	13.7	16.3	12.9
	2031	62,910	0.8%	62,414	0.8%	15.8	14.7	16.8	14.1	15.5	13.8	16.5	13.0
	2032	63,539	1.0%	63,044	1.0%	15.9	14.8	16.9	14.2	15.6	13.9	16.6	13.1
	2033	63,893	0.6%	63,365	0.5%	16.0	14.9	17.0	14.4	15.7	14.0	16.7	13.2
	2034	64,388	0.8%	63,847	0.8%	16.1	15.0	17.2	14.5	15.9	14.1	16.8	13.3
	2035	64,885	0.8%	64,335	0.8%	16.3	15.2	17.3	14.6	16.0	14.2	17.0	13.4
	2036	65,521	1.0%	64,986	1.0%	16.4	15.3	17.4	14.7	16.1	14.3	17.1	13.5
	2037	65,861	0.5%	65,311	0.5%	16.5	15.4	17.5	14.8	16.2	14.4	17.2	13.6
	2038	66,342	0.7%	65,795	0.7%	16.6	15.5	17.7	14.9	16.3	14.5	17.4	13.7
	2039	66,823	0.7%	66,278	0.7%	16.8	15.6	17.8	15.0	16.5	14.6	17.5	13.8
	2040	67,450	0.9%			16.9	15.7			16.6	14.7		
CAGR ^[1]	Historical		9.2%		0.2%	6.1%	8.1%	-3.7%	0.1%	8.4%	11.9%	-2.6%	2.8%
	1st 10 Prj Yrs		1.2%		0.8%	1.2%	1.1%	0.8%	0.8%	1.2%	1.1%	0.8%	0.8%
	2nd 10 Prj Yrs		0.8%		0.8%	0.7%	0.8%	0.8%	0.8%	0.7%	0.8%	0.8%	0.8%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Bushnell

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Year		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)
Historical	2011	25,311	-	24,578	-	-2.9%	7.0	-	6.8	-	-2.8%	5.2	-	5.2		-0.1%
	2012	23,675	-6.5%	24,108	-1.9%	1.8%	5.5	-20.8%	5.6	-18.2%	0.5%	4.8	-8.3%	5.8	11.0%	20.9%
	2013	23,262	-1.7%	23,500	-2.5%	1.0%	5.8	4.2%	5.5	-0.1%	-3.6%	5.0	5.8%	5.3	-8.7%	4.4%
	2014	23,792	2.3%	23,663	0.7%	-0.5%	6.3	10.1%	6.7	21.3%	6.2%	5.4	7.1%	5.3	0.9%	-1.6%
	2015	24,259	2.0%	23,774	0.5%	-2.0%	6.7	5.7%	6.8	0.7%	1.1%	5.6	4.0%	5.1	-3.0%	-8.2%
	2016	24,927	2.8%	24,397	2.6%	-2.1%	5.1	-23.2%	5.9	-13.3%	14.1%	5.6	-0.4%	5.2	0.9%	-7.0%
	2017	24,334	-2.4%	24,721	1.3%	1.6%	4.1	-19.8%	5.4	-8.0%	30.9%	6.1	9.8%	6.2	19.6%	1.3%
	2018	25,430	4.5%	25,351	2.5%	-0.3%	6.5	58.6%	7.2	33.5%	10.2%	5.7	-7.3%	5.9	-5.5%	3.3%
	2019	25,623	0.8%	25,174	-0.7%	-1.8%	4.6	-29.9%	6.0	-17.2%	30.1%	5.8	1.8%	5.6	-5.3%	-3.9%
		55,936	118.3%	54,686	117.2%	-2.2%	10.5	129.1%	12.9	115.5%	22.4%	11.7	102.3%	11.3	103.4%	-3.4%
Projected	2021	56,119	0.3%	56,119	2.6%		13.8	31.0%	13.8	7.0%		12.3	5.4%	12.3	9.1%	
	2022			57,073	1.7%				14.1	2.5%				12.5	1.5%	
	2023			57,847	1.4%				14.3	1.4%				12.7	1.3%	
	2024			58,775	1.6%				14.5	1.3%				12.9	1.3%	
	2025			59,333	0.9%				14.7	1.5%				13.0	1.1%	
	2026			59,868	0.9%				14.8	1.0%				13.1	0.8%	
	2027			60,335	0.8%				15.0	0.9%				13.2	0.8%	
	2028			60,913	1.0%				15.1	0.7%				13.3	0.7%	
	2029			61,216	0.5%				15.2	1.0%				13.4	0.7%	
	2030			61,648	0.7%				15.4	0.9%				13.5	0.7%	
	2031			62,100	0.7%				15.5	0.8%				13.6	0.7%	
	2032			62,663	0.9%				15.6	0.6%				13.7	0.7%	
	2033			62,952	0.5%				15.7	0.9%				13.8	0.7%	
	2034			63,378	0.7%				15.9	0.8%				13.9	0.7%	
	2035			63,804	0.7%				16.0	0.8%				13.9	0.7%	
	2036			64,362	0.9%				16.1	0.6%				14.0	0.6%	
	2037			64,625	0.4%				16.2	0.9%				14.1	0.6%	
	2038			65,021	0.6%				16.3	0.7%				14.2	0.6%	
	2039			65,460	0.7%				16.5	0.7%				14.3	0.7%	
	2040			65,999	0.8%				16.6	0.6%				14.4	0.6%	
CAGR ^[3]	2011-2020		9.2%		9.3%			4.7%		7.4%			9.5%		9.1%	
	2021-2030				1.0%					1.2%					1.0%	
	2031-2040				0.7%					0.7%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Bushnell
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,104	1,714	1,768	1,960	2,189	2,297	2,335	2,562	2,255	1,807	1,652	1,722	24,365	25,311
	2012	1,922	1,731	1,865	1,868	2,206	2,047	2,297	2,369	2,187	1,968	1,680	1,768	23,910	23,675
	2013	1,714	1,651	1,815	1,767	1,934	2,058	2,188	2,476	2,243	2,021	1,636	1,713	23,216	23,262
	2014	2,194	1,689	1,671	1,744	2,097	2,120	2,276	2,446	2,184	1,939	1,699	1,843	23,903	23,792
	2015	1,897	1,777	1,805	2,002	2,241	2,232	2,197	2,398	2,228	1,967	1,809	1,785	24,338	24,259
	2016	1,926	1,797	1,786	1,803	2,149	2,376	2,610	2,550	2,368	1,985	1,630	1,738	24,719	24,927
	2017	1,796	1,594	1,804	1,906	2,267	2,191	2,418	2,669	2,338	2,195	1,693	1,824	24,694	24,334
	2018	2,288	1,739	1,848	1,853	2,163	2,273	2,309	2,652	2,593	2,289	1,834	1,876	25,717	25,430
	2019	2,025	1,687	1,775	1,882	2,370	2,357	2,470	2,612	2,446	3,662	4,028	4,248	31,562	25,623
	2020	4,619	4,403	4,848	4,272	4,678	5,147	5,386	5,494	5,151	5,014	3,882	4,160	57,054	55,936
Projected	2021	4,632	3,823	4,226	4,472	4,820	4,965	5,342	5,501	5,282	5,106	3,889	4,323	56,381	56,119
	2022	4,706	3,891	4,304	4,542	4,899	5,043	5,422	5,584	5,363	5,177	3,945	4,385	57,261	57,073
	2023	4,766	3,942	4,360	4,606	4,966	5,109	5,496	5,659	5,436	5,252	4,002	4,448	58,042	57,847
	2024	4,827	4,124	4,425	4,669	5,037	5,182	5,564	5,734	5,511	5,319	4,055	4,508	58,954	58,775
	2025	4,886	4,045	4,478	4,725	5,095	5,239	5,623	5,794	5,568	5,372	4,094	4,553	59,471	59,333
	2026	4,932	4,083	4,518	4,767	5,140	5,283	5,669	5,842	5,614	5,416	4,126	4,592	59,983	59,868
	2027	4,973	4,117	4,552	4,805	5,180	5,322	5,711	5,885	5,655	5,457	4,156	4,629	60,443	60,335
	2028	5,013	4,282	4,585	4,840	5,218	5,359	5,751	5,927	5,695	5,497	4,185	4,665	61,018	60,913
	2029	5,052	4,182	4,617	4,874	5,255	5,396	5,791	5,968	5,735	5,536	4,213	4,701	61,320	61,216
	2030	5,091	4,214	4,648	4,908	5,292	5,432	5,830	6,008	5,774	5,578	4,244	4,739	61,759	61,648
Projected	2031	5,131	4,247	4,682	4,944	5,331	5,470	5,871	6,050	5,814	5,617	4,273	4,773	62,202	62,100
	2032	5,168	4,414	4,713	4,977	5,367	5,507	5,910	6,091	5,853	5,656	4,301	4,808	62,764	62,663
	2033	5,206	4,308	4,744	5,011	5,404	5,543	5,949	6,132	5,892	5,694	4,329	4,842	63,053	62,952
	2034	5,243	4,339	4,776	5,044	5,440	5,579	5,989	6,172	5,931	5,732	4,357	4,877	63,479	63,378
	2035	5,281	4,370	4,807	5,078	5,476	5,616	6,028	6,213	5,970	5,771	4,385	4,911	63,905	63,804
	2036	5,319	4,541	4,838	5,111	5,512	5,651	6,066	6,252	6,007	5,807	4,411	4,945	64,459	64,362
	2037	5,355	4,431	4,867	5,142	5,546	5,685	6,102	6,290	6,044	5,843	4,437	4,977	64,719	64,625
	2038	5,391	4,460	4,896	5,173	5,580	5,718	6,138	6,328	6,079	5,883	4,466	5,012	65,125	65,021
	2039	5,429	4,491	4,929	5,208	5,617	5,756	6,179	6,370	6,120	5,919	4,492	5,045	65,554	65,460
	2040	5,464	4,664	4,957	5,239	5,651	5,789	6,215	6,407	6,156	5,954	4,518	5,078	66,093	65,999

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.6%	7.0%	7.3%	8.0%	9.0%	9.4%	9.6%	10.5%	9.3%	7.4%	6.8%	7.1%	100.0%
	2012	8.0%	7.2%	7.8%	7.8%	9.2%	8.6%	9.6%	9.9%	9.1%	8.2%	7.0%	7.4%	100.0%
	2013	7.4%	7.1%	7.8%	7.6%	8.3%	8.9%	9.4%	10.7%	9.7%	8.7%	7.0%	7.4%	100.0%
	2014	9.2%	7.1%	7.0%	7.3%	8.8%	8.9%	9.5%	10.2%	9.1%	8.1%	7.1%	7.7%	100.0%
	2015	7.8%	7.3%	7.4%	8.2%	9.2%	9.2%	9.0%	9.9%	9.2%	8.1%	7.4%	7.3%	100.0%
	2016	7.8%	7.3%	7.2%	7.3%	8.7%	9.6%	10.6%	10.3%	9.6%	8.0%	6.6%	7.0%	100.0%
	2017	7.3%	6.5%	7.3%	7.7%	9.2%	8.9%	9.8%	10.8%	9.5%	8.9%	6.9%	7.4%	100.0%
	2018	8.9%	6.8%	7.2%	7.2%	8.4%	8.8%	9.0%	10.3%	10.1%	8.9%	7.1%	7.3%	100.0%
	2019	6.4%	5.3%	5.6%	6.0%	7.5%	7.5%	7.8%	8.3%	7.8%	11.6%	12.8%	13.5%	100.0%
	2020	8.1%	7.7%	8.5%	7.5%	8.2%	9.0%	9.4%	9.6%	9.0%	8.8%	6.8%	7.3%	100.0%
Projected	2021	8.2%	6.8%	7.5%	7.9%	8.5%	8.8%	9.5%	9.8%	9.4%	9.1%	6.9%	7.7%	100.0%
	2022	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.8%	9.4%	9.0%	6.9%	7.7%	100.0%
	2023	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
	2024	8.2%	7.0%	7.5%	7.9%	8.5%	8.8%	9.4%	9.7%	9.3%	9.0%	6.9%	7.6%	100.0%
	2025	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
	2026	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
	2027	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.4%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
	2028	8.2%	7.0%	7.5%	7.9%	8.6%	8.8%	9.4%	9.7%	9.3%	9.0%	6.9%	7.6%	100.0%
	2029	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.4%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%
	2030	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.4%	9.7%	9.3%	9.0%	6.9%	7.7%	100.0%
Avg.	2011-2020	8.0%	6.9%	7.3%	7.5%	8.7%	8.9%	9.4%	10.1%	9.2%	8.7%	7.6%	7.9%	100.0%
	2021-2030	8.2%	6.8%	7.5%	7.9%	8.6%	8.8%	9.5%	9.7%	9.4%	9.0%	6.9%	7.7%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12

FMPA 2021 Load Forecast - Base Case
Bushnell
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.8	5.7	3.9	5.0	5.3	5.5	5.1	5.9	5.4	4.5	4.1	4.2	7.2	5.9
	2012	6.1	6.3	4.4	4.8	5.2	5.1	5.0	5.6	5.3	5.0	4.3	4.1	6.3	5.6
	2013	4.4	5.5	5.8	4.6	5.1	5.0	5.6	5.9	5.7	5.0	4.4	4.5	5.8	5.9
	2014	6.3	5.3	3.7	4.9	5.1	5.4	5.2	5.8	5.5	5.0	4.9	4.9	6.3	5.8
	2015	5.3	6.7	4.3	4.8	5.6	5.6	5.1	5.8	5.6	5.1	5.1	4.2	6.7	5.8
	2016	6.0	5.7	4.4	4.9	5.2	5.5	5.9	6.1	5.7	5.0	4.2	4.5	6.0	6.1
	2017	5.2	4.2	4.8	5.5	5.6	5.6	5.6	6.1	5.8	5.6	4.1	5.2	5.2	6.1
	2018	6.8	4.6	4.7	4.5	5.4	5.4	5.3	5.7	5.9	5.6	4.8	5.0	6.8	5.9
	2019	5.3	4.4	4.3	4.7	5.9	5.8	5.7	5.9	5.8	11.4	10.3	9.2	5.3	5.9
	2020	12.2	10.5	11.0	10.8	11.1	11.8	11.4	11.8	11.8	9.8	9.8	10.6	12.2	11.8
Projected	2021	14.0	12.4	11.2	10.3	11.5	11.9	11.2	13.2	12.1	10.9	10.1	10.9	14.0	13.2
	2022	14.4	12.7	11.4	10.4	11.7	12.0	11.4	13.4	12.3	11.0	10.2	11.0	14.4	13.4
	2023	14.6	12.8	11.6	10.6	11.9	12.2	11.5	13.5	12.5	11.2	10.3	11.2	14.6	13.5
	2024	14.7	13.0	11.8	10.7	12.0	12.4	11.7	13.7	12.6	11.4	10.5	11.3	14.7	13.7
	2025	15.0	13.2	11.9	10.8	12.2	12.5	11.8	13.9	12.8	11.5	10.6	11.5	15.0	13.9
	2026	15.1	13.3	12.0	10.9	12.3	12.6	11.9	14.0	12.9	11.6	10.7	11.6	15.1	14.0
	2027	15.2	13.5	12.2	11.0	12.4	12.7	12.0	14.1	13.0	11.7	10.8	11.6	15.2	14.1
	2028	15.4	13.6	12.2	11.1	12.5	12.8	12.1	14.2	13.1	11.8	10.9	11.8	15.4	14.2
	2029	15.5	13.7	12.4	11.2	12.6	12.9	12.2	14.3	13.2	11.9	11.0	11.9	15.5	14.3
	2030	15.6	13.8	12.5	11.3	12.7	13.0	12.2	14.4	13.2	11.9	11.1	12.0	15.6	14.4
Projected	2031	15.8	13.9	12.6	11.4	12.7	13.1	12.3	14.5	13.3	12.0	11.1	12.0	15.8	14.5
	2032	15.9	14.0	12.7	11.4	12.8	13.1	12.4	14.6	13.4	12.1	11.2	12.1	15.9	14.6
	2033	16.0	14.1	12.8	11.5	12.9	13.2	12.5	14.7	13.5	12.2	11.3	12.2	16.0	14.7
	2034	16.1	14.2	12.9	11.6	13.0	13.3	12.6	14.8	13.6	12.3	11.4	12.3	16.1	14.8
	2035	16.3	14.4	13.0	11.7	13.1	13.4	12.7	14.9	13.7	12.4	11.5	12.4	16.3	14.9
	2036	16.4	14.4	13.1	11.8	13.2	13.5	12.7	15.0	13.8	12.5	11.6	12.5	16.4	15.0
	2037	16.5	14.6	13.2	11.8	13.3	13.6	12.8	15.1	13.9	12.5	11.7	12.6	16.5	15.1
	2038	16.6	14.7	13.3	11.9	13.4	13.6	12.9	15.2	13.9	12.6	11.7	12.7	16.6	15.2
	2039	16.8	14.8	13.4	12.0	13.5	13.7	13.0	15.3	14.0	12.7	11.8	12.8	16.8	15.3
	2040	16.9	14.9	13.4	12.1	13.6	13.8	13.0	15.4	14.1	12.8	11.9	12.9	16.9	15.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	41.7%	44.9%	60.5%	54.4%	55.6%	58.1%	61.2%	58.4%	58.3%	54.5%	56.6%	55.5%	38.9%	49.0%
	2012	42.3%	39.5%	56.7%	53.6%	56.6%	55.8%	62.2%	57.3%	56.8%	53.0%	53.8%	57.6%	43.4%	48.7%
	2013	52.5%	44.9%	42.4%	53.1%	51.4%	56.8%	52.3%	56.8%	54.8%	54.7%	52.1%	51.4%	46.1%	45.3%
	2014	46.6%	47.1%	60.7%	49.5%	55.1%	54.9%	58.7%	56.9%	54.8%	52.2%	48.3%	50.5%	43.1%	47.0%
	2015	48.3%	39.5%	56.9%	58.0%	53.8%	55.4%	57.5%	55.6%	55.3%	52.3%	48.9%	57.6%	41.5%	47.8%
	2016	43.3%	45.5%	54.7%	51.6%	55.2%	59.7%	59.1%	56.6%	58.1%	53.5%	53.4%	52.3%	47.1%	47.0%
	2017	46.4%	56.8%	50.3%	48.5%	54.5%	54.3%	57.6%	58.6%	55.6%	52.4%	56.9%	47.4%	54.2%	45.4%
	2018	45.1%	56.2%	52.4%	57.7%	54.0%	58.9%	58.5%	62.0%	60.9%	55.0%	53.0%	50.5%	43.1%	49.1%
	2019	51.3%	57.3%	55.3%	55.9%	53.8%	56.0%	58.4%	59.6%	58.1%	43.2%	54.3%	62.3%	67.9%	49.4%
	2020	50.8%	60.5%	59.3%	54.8%	56.8%	60.4%	63.6%	62.8%	60.5%	69.0%	54.9%	52.6%	53.3%	54.0%
Projected	2021	44.4%	46.0%	50.8%	60.5%	56.3%	58.2%	64.1%	56.2%	60.6%	63.1%	53.7%	53.4%	45.9%	48.7%
	2022	44.1%	45.7%	50.5%	60.5%	56.3%	58.2%	64.1%	56.2%	60.6%	63.0%	53.7%	53.4%	45.5%	48.8%
	2023	44.0%	45.7%	50.5%	60.5%	56.3%	58.2%	64.1%	56.2%	60.6%	63.0%	53.8%	53.5%	45.5%	48.8%
	2024	44.0%	45.6%	50.6%	60.5%	56.3%	58.2%	64.0%	56.2%	60.6%	63.0%	53.7%	53.4%	45.7%	48.9%
	2025	43.9%	45.6%	50.5%	60.6%	56.4%	58.2%	64.0%	56.1%	60.6%	62.9%	53.7%	53.4%	45.4%	48.8%
	2026	43.9%	45.6%	50.4%	60.6%	56.4%	58.2%	64.0%	56.1%	60.6%	62.9%	53.6%	53.4%	45.3%	48.9%
	2027	43.8%	45.5%	50.3%	60.6%	56.3%	58.2%	64.0%	56.1%	60.6%	62.9%	53.6%	53.4%	45.3%	48.9%
	2028	43.9%	45.4%	50.3%	60.5%	56.3%	58.2%	64.0%	56.1%	60.6%	62.8%	53.4%	53.3%	45.4%	49.0%
	2029	43.8%	45.5%	50.2%	60.5%	56.3%	58.2%	64.0%	56.1%	60.6%	62.8%	53.3%	53.3%	45.1%	48.9%
	2030	43.7%	45.4%	50.1%	60.5%	56.2%	58.2%	64.0%	56.1%	60.6%	62.8%	53.3%	53.2%	45.1%	48.9%
Avg.	2011-2020	46.8%	49.2%	54.9%	53.7%	54.7%	57.0%	58.9%	58.5%	57.3%	54.0%	53.2%	53.8%	47.9%	48.3%
	2021-2030	44.0%	45.6%	50.4%	60.5%	56.3%	58.2%	64.0%	56.1%	60.6%	62.9%	53.6%	53.4%	45.4%	48.8%

FMPA 2021 Load Forecast - Base Case
Bushnell
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.8	5.7	3.0	4.6	4.8	5.4	5.0	5.2	5.3	4.0	3.7	2.8	7.0	5.2
	2012	5.5	6.3	4.0	4.6	4.6	4.7	4.8	5.3	5.1	4.8	2.6	4.1	5.5	4.8
	2013	4.4	5.5	5.8	4.6	4.5	4.6	5.2	5.0	5.3	4.8	4.2	2.8	5.8	5.0
	2014	6.3	5.3	2.6	4.5	4.7	5.0	4.9	5.4	5.5	5.0	4.8	4.9	6.3	5.4
	2015	5.3	6.7	3.9	4.3	5.0	5.6	4.8	5.3	5.1	4.8	5.1	3.4	6.7	5.6
	2016	6.0	5.7	4.1	4.7	5.1	5.2	5.6	5.3	5.2	4.8	4.0	3.2	5.1	5.6
	2017	5.2	3.9	4.1	5.0	5.2	5.4	5.5	6.1	5.8	5.6	4.1	5.2	4.1	6.1
	2018	6.5	4.5	4.2	4.3	5.1	4.9	5.1	5.7	5.9	5.2	4.6	5.0	6.5	5.7
	2019	5.1	4.2	4.3	4.7	5.7	5.8	5.0	5.9	5.4	10.6	10.2	7.2	4.6	5.8
	2020	12.2	10.0	10.5	9.2	10.6	11.7	11.3	11.6	11.8	9.3	9.1	9.1	10.5	11.7
Projected	2021	13.8	12.1	10.0	9.6	10.7	11.4	10.6	12.3	11.6	10.4	9.3	9.3	13.8	12.3
	2022	14.1	12.4	10.2	9.7	10.8	11.5	10.8	12.5	11.8	10.5	9.5	9.4	14.1	12.5
	2023	14.3	12.6	10.3	9.9	11.0	11.7	10.9	12.7	12.0	10.7	9.6	9.5	14.3	12.7
	2024	14.5	12.8	10.5	10.0	11.1	11.8	11.0	12.9	12.1	10.8	9.7	9.7	14.5	12.9
	2025	14.7	13.0	10.6	10.1	11.3	12.0	11.2	13.0	12.3	10.9	9.8	9.8	14.7	13.0
	2026	14.8	13.1	10.7	10.2	11.4	12.1	11.3	13.1	12.4	11.0	9.9	9.8	14.8	13.1
	2027	15.0	13.2	10.8	10.3	11.5	12.2	11.3	13.2	12.4	11.1	10.0	9.9	15.0	13.2
	2028	15.1	13.3	10.9	10.4	11.6	12.2	11.4	13.3	12.5	11.2	10.1	10.0	15.1	13.3
	2029	15.2	13.4	11.0	10.5	11.6	12.3	11.5	13.4	12.6	11.3	10.2	10.1	15.2	13.4
	2030	15.4	13.6	11.1	10.5	11.7	12.4	11.6	13.5	12.7	11.4	10.3	10.2	15.4	13.5
Projected	2031	15.5	13.7	11.2	10.6	11.8	12.5	11.6	13.6	12.8	11.5	10.3	10.3	15.5	13.6
	2032	15.6	13.8	11.3	10.7	11.9	12.6	11.7	13.7	12.9	11.6	10.4	10.4	15.6	13.7
	2033	15.7	13.9	11.4	10.8	12.0	12.7	11.8	13.8	13.0	11.6	10.5	10.4	15.7	13.8
	2034	15.9	14.0	11.5	10.8	12.1	12.7	11.9	13.9	13.1	11.7	10.6	10.5	15.9	13.9
	2035	16.0	14.1	11.6	10.9	12.2	12.8	12.0	13.9	13.1	11.8	10.6	10.6	16.0	13.9
	2036	16.1	14.2	11.6	11.0	12.2	12.9	12.0	14.0	13.2	11.9	10.7	10.7	16.1	14.0
	2037	16.2	14.3	11.7	11.1	12.3	13.0	12.1	14.1	13.3	12.0	10.8	10.7	16.2	14.1
	2038	16.3	14.4	11.8	11.1	12.4	13.1	12.2	14.2	13.4	12.1	10.9	10.8	16.3	14.2
	2039	16.5	14.5	11.9	11.2	12.5	13.2	12.2	14.3	13.5	12.1	11.0	10.9	16.5	14.3
	2040	16.6	14.6	12.0	11.3	12.6	13.2	12.3	14.4	13.5	12.2	11.0	11.0	16.6	14.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.8%	100.0%	75.2%	92.4%	89.8%	98.3%	98.2%	88.0%	97.8%	90.4%	92.2%	67.3%	97.4%	88.0%
	2012	90.4%	100.0%	91.3%	94.3%	87.9%	93.0%	95.8%	96.1%	95.3%	97.1%	59.9%	100.0%	87.7%	85.7%
	2013	100.0%	100.0%	100.0%	99.0%	89.6%	92.0%	93.1%	85.9%	92.9%	97.5%	95.5%	61.7%	100.0%	85.9%
	2014	100.0%	100.0%	70.1%	92.2%	92.8%	94.1%	93.8%	93.3%	98.8%	100.0%	97.7%	100.0%	100.0%	93.3%
	2015	100.0%	100.0%	91.0%	89.4%	89.0%	100.0%	92.5%	92.0%	90.7%	95.8%	100.0%	80.8%	100.0%	96.7%
	2016	100.0%	100.0%	94.5%	96.4%	98.1%	94.6%	93.9%	87.3%	92.0%	97.3%	95.3%	71.0%	85.9%	92.1%
	2017	100.0%	92.4%	85.6%	91.3%	93.7%	96.4%	97.9%	100.0%	99.6%	100.0%	98.0%	100.0%	79.3%	100.0%
	2018	96.0%	97.6%	87.9%	95.7%	94.8%	92.0%	96.2%	98.8%	100.0%	93.8%	95.4%	100.0%	96.0%	96.1%
	2019	96.4%	96.8%	99.9%	99.5%	96.8%	99.0%	88.4%	100.0%	92.9%	93.4%	98.8%	78.1%	86.5%	97.6%
	2020	100.0%	95.7%	95.7%	84.7%	95.4%	98.9%	99.2%	98.6%	100.0%	95.4%	92.7%	85.2%	86.1%	98.9%
Projected	2021	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2022	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2023	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2024	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.6%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2025	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2026	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2027	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2028	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2029	98.3%	98.3%	89.1%	93.5%	92.7%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%
	2030	98.3%	98.3%	89.1%	93.4%	92.7%	95.8%	94.5%	93.7%	95.9%	95.4%	92.7%	85.2%	98.3%	93.7%
	2011-2020	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.9%	94.0%	96.0%	96.1%	92.5%	84.4%	91.9%	93.4%
	2021-2030	98.3%	98.3%	89.1%	93.5%	92.8%	95.8%	94.5%	93.7%	96.0%	95.4%	92.7%	85.2%	98.3%	93.7%

FMPA 2021 Load Forecast - Base Case - Bushnell

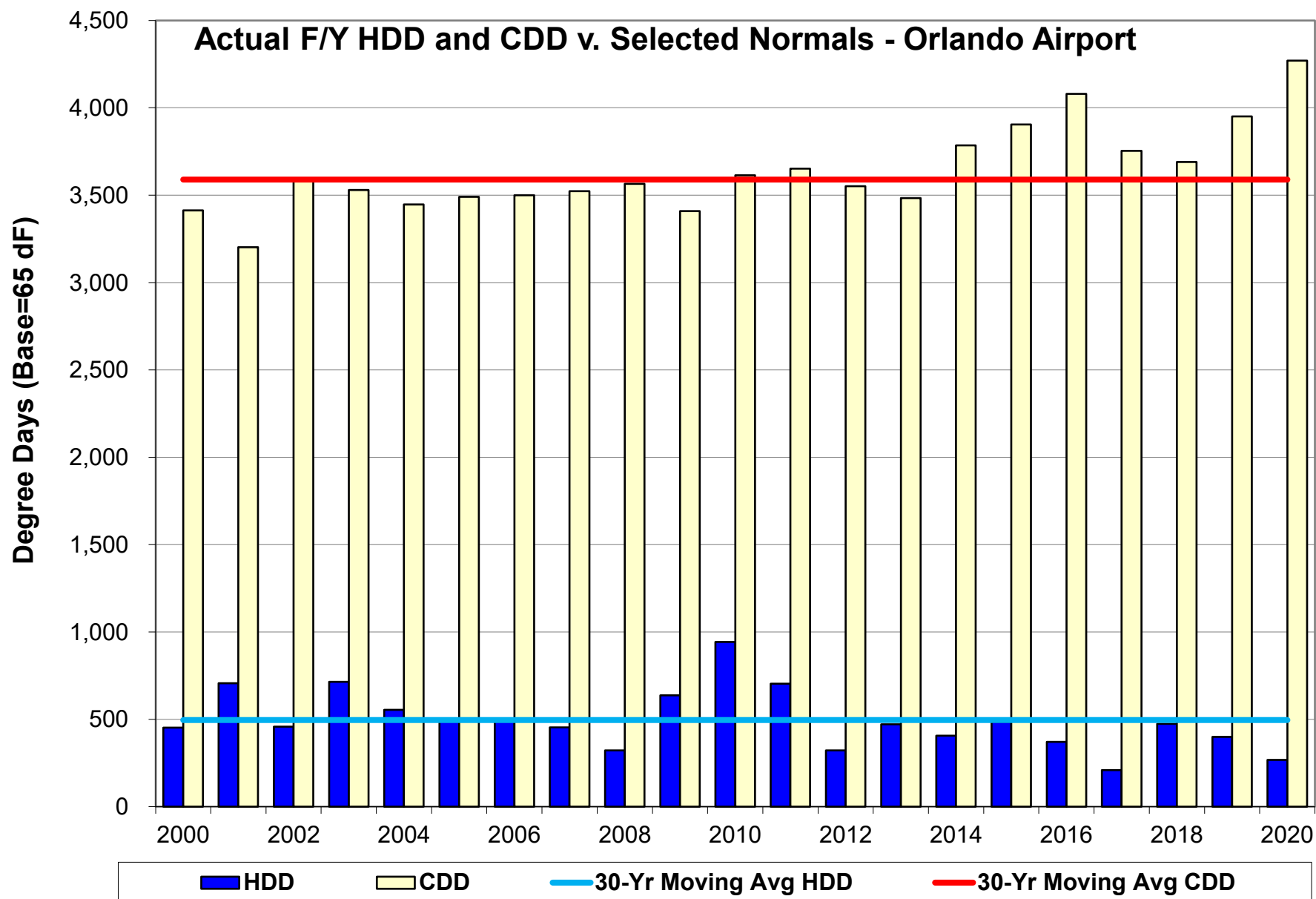
Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	8,480		724		11,707		15,544		279		55.7		24,024		1,287	5.1%	25,311	
	2012	7,723	-8.9%	736	1.6%	10,491	-10.4%	14,907	-4.1%	278	-0.4%	53.6	-3.8%	22,630	-5.8%	1,045	4.4%	23,675	-6.5%
	2013	7,939	2.8%	736	0.0%	10,781	2.8%	14,570	-2.3%	281	0.9%	51.9	-3.2%	22,509	-0.5%	753	3.2%	23,262	-1.7%
	2014	8,149	2.6%	742	0.8%	10,978	1.8%	14,711	1.0%	278	-1.1%	53.0	2.1%	22,860	1.6%	932	3.9%	23,792	2.3%
	2015	8,301	1.9%	751	1.2%	11,048	0.6%	14,792	0.6%	279	0.4%	53.1	0.2%	23,093	1.0%	1,166	4.8%	24,259	2.0%
	2016	8,648	4.2%	755	0.5%	11,448	3.6%	15,376	3.9%	281	0.8%	54.8	3.1%	24,024	4.0%	903	3.6%	24,927	2.8%
	2017	8,211	-5.1%	766	1.4%	10,719	-6.4%	14,987	-2.5%	287	2.0%	52.3	-4.5%	23,198	-3.4%	1,136	4.7%	24,334	-2.4%
	2018	8,735	6.4%	772	0.7%	11,320	5.6%	15,461	3.2%	283	-1.3%	54.7	4.5%	24,196	4.3%	1,234	4.9%	25,430	4.5%
	2019	8,977	2.8%	780	1.1%	11,511	1.7%	15,618	1.0%	283	-0.1%	55.3	1.1%	24,595	1.6%	1,028	4.0%	25,623	0.8%
	2020	12,494	39.2%	1,131	45.0%	11,051	-4.0%	39,914	155.6%	426	50.7%	93.8	69.6%	52,408	113.1%	3,528	6.3%	55,936	118.3%
Projected	2021	12,304	-1.5%	1,167	3.2%	10,540	-4.6%	41,249	3.3%	441	3.5%	93.6	-0.2%	53,553	2.2%	2,687	4.8%	56,240	0.5%
	2022	12,158	-1.2%	1,171	0.3%	10,384	-1.5%	42,332	2.6%	446	1.1%	95.0	1.5%	54,489	1.7%	2,746	4.8%	57,235	1.8%
	2023	12,117	-0.3%	1,176	0.4%	10,304	-0.8%	43,151	1.9%	450	1.0%	95.9	1.0%	55,267	1.4%	2,785	4.8%	58,052	1.4%
	2024	12,030	-0.7%	1,181	0.4%	10,186	-1.1%	44,046	2.1%	454	0.8%	97.1	1.2%	56,076	1.5%	2,953	5.0%	59,028	1.7%
	2025	11,995	-0.3%	1,186	0.4%	10,116	-0.7%	44,784	1.7%	457	0.8%	98.0	0.9%	56,779	1.3%	2,860	4.8%	59,639	1.0%
	2026	12,023	0.2%	1,190	0.4%	10,103	-0.1%	45,338	1.2%	460	0.7%	98.5	0.6%	57,362	1.0%	2,889	4.8%	60,251	1.0%
	2027	12,083	0.5%	1,194	0.4%	10,117	0.1%	45,804	1.0%	463	0.6%	98.9	0.4%	57,886	0.9%	2,916	4.8%	60,802	0.9%
	2028	12,158	0.6%	1,198	0.3%	10,146	0.3%	46,237	0.9%	466	0.6%	99.3	0.4%	58,395	0.9%	3,074	5.0%	61,469	1.1%
	2029	12,244	0.7%	1,202	0.3%	10,183	0.4%	46,655	0.9%	468	0.5%	99.7	0.4%	58,899	0.9%	2,967	4.8%	61,865	0.6%
	2030	12,335	0.8%	1,206	0.3%	10,227	0.4%	47,068	0.9%	470	0.5%	100.1	0.4%	59,403	0.9%	2,992	4.8%	62,395	0.9%
	2031	12,428	0.8%	1,210	0.3%	10,273	0.5%	47,465	0.8%	472	0.4%	100.5	0.4%	59,893	0.8%	3,017	4.8%	62,910	0.8%
	2032	12,520	0.7%	1,213	0.3%	10,322	0.5%	47,841	0.8%	474	0.4%	100.9	0.4%	60,361	0.8%	3,178	5.0%	63,539	1.0%
	2033	12,615	0.8%	1,216	0.3%	10,374	0.5%	48,214	0.8%	476	0.4%	101.3	0.4%	60,830	0.8%	3,064	4.8%	63,893	0.6%
	2034	12,713	0.8%	1,219	0.3%	10,428	0.5%	48,587	0.8%	478	0.4%	101.7	0.4%	61,300	0.8%	3,088	4.8%	64,388	0.8%
	2035	12,813	0.8%	1,222	0.2%	10,484	0.5%	48,961	0.8%	480	0.4%	102.1	0.4%	61,774	0.8%	3,111	4.8%	64,885	0.8%
	2036	12,914	0.8%	1,225	0.2%	10,541	0.5%	49,330	0.8%	481	0.3%	102.5	0.4%	62,244	0.8%	3,277	5.0%	65,521	1.0%
	2037	13,012	0.8%	1,228	0.2%	10,598	0.5%	49,691	0.7%	483	0.3%	102.9	0.4%	62,703	0.7%	3,158	4.8%	65,861	0.5%
	2038	13,110	0.8%	1,231	0.2%	10,654	0.5%	50,050	0.7%	485	0.3%	103.3	0.4%	63,161	0.7%	3,181	4.8%	66,342	0.7%
	2039	13,208	0.7%	1,233	0.2%	10,710	0.5%	50,411	0.7%	486	0.3%	103.7	0.4%	63,619	0.7%	3,204	4.8%	66,823	0.7%
	2040	13,305	0.7%	1,236	0.2%	10,764	0.5%	50,772	0.7%	488	0.3%	104.1	0.4%	64,077	0.7%	3,373	5.0%	67,450	0.9%
CAGR	2011-2020		4.4%		5.1%		-0.6%		11.0%		4.8%		6.0%		9.1%		4.5%		9.2%
	2021-2030		0.0%		0.4%		-0.3%		1.5%		0.7%		0.7%		1.2%		4.8%		1.2%
	2031-2040		0.8%		0.2%		0.5%		0.8%		0.4%		0.4%		0.8%		4.9%		0.8%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Bushnell (Sumter County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	53.7	-	20.9	-	12.6	-	0.81	-	777	-	1,069	-	51,188	-
2001	55.8	3.8%	22.8	9.2%	14.1	11.2%	0.90	10.2%	865	11.3%	1,223	14.4%	53,636	4.8%
2002	59.5	6.7%	24.9	9.1%	15.5	10.0%	0.93	3.2%	955	10.4%	1,333	9.0%	53,594	-0.1%
2003	61.9	4.0%	26.6	7.0%	18.1	17.3%	1.09	17.5%	1,119	17.2%	1,485	11.4%	55,807	4.1%
2004	64.5	4.1%	28.0	5.3%	20.0	10.4%	1.13	4.0%	1,183	5.7%	1,690	13.8%	60,331	8.1%
2005	69.3	7.5%	30.4	8.6%	24.0	20.1%	1.13	0.0%	1,386	17.2%	1,939	14.7%	63,751	5.7%
2006	76.2	10.0%	33.5	10.1%	26.6	10.6%	1.52	34.7%	1,664	20.1%	2,216	14.3%	66,223	3.9%
2007	82.1	7.7%	36.3	8.4%	27.7	4.3%	1.45	-4.8%	1,819	9.3%	2,328	5.0%	64,180	-3.1%
2008	86.4	5.3%	38.2	5.3%	28.4	2.4%	1.36	-6.5%	1,764	-3.0%	2,521	8.3%	66,007	2.8%
2009	90.6	4.9%	40.0	4.7%	29.3	3.3%	1.16	-14.5%	1,745	-1.1%	2,714	7.7%	67,894	2.9%
2010	94.3	4.0%	41.8	4.5%	30.8	5.1%	1.03	-11.4%	1,785	2.3%	2,931	8.0%	70,193	3.4%
2011	98.0	3.9%	43.9	5.1%	32.7	6.2%	1.01	-1.3%	1,878	5.2%	3,344	14.1%	76,178	8.5%
2012	101.7	3.8%	45.0	2.5%	34.5	5.2%	1.04	2.8%	1,997	6.4%	3,717	11.2%	82,621	8.5%
2013	106.9	5.1%	46.2	2.7%	37.0	7.5%	1.20	15.5%	2,131	6.7%	3,936	5.9%	85,200	3.1%
2014	112.2	5.0%	47.3	2.5%	39.0	5.4%	1.23	2.6%	2,170	1.8%	4,219	7.2%	89,135	4.6%
2015	117.1	4.3%	48.7	3.0%	40.4	3.4%	1.30	5.0%	2,256	4.0%	4,568	8.3%	93,713	5.1%
2016	122.0	4.2%	50.2	3.1%	41.5	2.8%	1.17	-10.0%	2,384	5.7%	4,937	8.1%	98,271	4.9%
2017	124.9	2.4%	51.5	2.5%	43.0	3.6%	1.22	4.5%	2,512	5.4%	5,201	5.3%	101,009	2.8%
2018	128.8	3.1%	53.1	3.2%	44.8	4.2%	1.36	12.0%	2,613	4.0%	5,489	5.5%	103,341	2.3%
2019	132.5	2.9%	55.1	3.8%	46.6	4.1%	1.39	2.1%	2,668	2.1%	5,779	5.3%	104,833	1.4%
2020	136.3	2.9%	57.1	3.6%	48.3	3.5%	1.41	1.5%	2,795	4.8%	6,070	5.0%	106,335	1.4%
2021	140.3	3.0%	59.2	3.7%	50.0	3.6%	1.44	1.7%	2,933	4.9%	6,385	5.2%	107,899	1.5%
2022	144.4	2.9%	61.2	3.4%	51.8	3.6%	1.46	1.3%	3,074	4.8%	6,708	5.1%	109,610	1.6%
2023	148.6	2.9%	63.2	3.3%	53.6	3.5%	1.48	1.5%	3,220	4.7%	7,041	5.0%	111,412	1.6%
2024	152.8	2.8%	65.2	3.1%	55.4	3.3%	1.50	1.6%	3,371	4.7%	7,380	4.8%	113,264	1.7%
2025	157.1	2.8%	67.1	3.0%	57.2	3.3%	1.52	1.5%	3,527	4.6%	7,729	4.7%	115,182	1.7%
2026	161.3	2.7%	68.9	2.7%	59.0	3.1%	1.55	1.5%	3,685	4.5%	8,075	4.5%	117,160	1.7%
2027	165.5	2.6%	70.7	2.6%	60.7	3.0%	1.57	1.4%	3,848	4.4%	8,433	4.4%	119,229	1.8%
2028	169.8	2.6%	72.5	2.5%	62.5	3.0%	1.59	1.4%	4,016	4.4%	8,801	4.4%	121,356	1.8%
2029	174.2	2.6%	74.3	2.5%	64.4	3.0%	1.61	1.4%	4,191	4.4%	9,181	4.3%	123,559	1.8%
2030	178.7	2.6%	76.1	2.4%	66.3	3.0%	1.64	1.4%	4,372	4.3%	9,571	4.3%	125,833	1.8%
2031	182.8	2.3%	77.6	2.0%	68.1	2.7%	1.66	1.4%	4,550	4.1%	9,941	3.9%	128,171	1.9%
2032	187.0	2.3%	79.0	1.9%	69.9	2.7%	1.68	1.4%	4,734	4.0%	10,322	3.8%	130,581	1.9%
2033	191.3	2.3%	80.5	1.9%	71.7	2.6%	1.70	1.4%	4,924	4.0%	10,713	3.8%	133,053	1.9%
2034	195.7	2.3%	82.0	1.8%	73.6	2.6%	1.73	1.4%	5,120	4.0%	11,117	3.8%	135,578	1.9%
2035	200.1	2.3%	83.5	1.8%	75.5	2.6%	1.75	1.4%	5,324	4.0%	11,533	3.7%	138,166	1.9%
2036	204.5	2.2%	84.8	1.6%	77.3	2.5%	1.78	1.3%	5,529	3.9%	11,946	3.6%	140,799	1.9%
2037	208.9	2.2%	86.2	1.6%	79.2	2.4%	1.80	1.4%	5,742	3.9%	12,369	3.5%	143,446	1.9%
2038	213.4	2.2%	87.6	1.6%	81.2	2.4%	1.82	1.4%	5,962	3.8%	12,805	3.5%	146,155	1.9%
2039	218.0	2.1%	89.0	1.6%	83.1	2.4%	1.85	1.4%	6,190	3.8%	13,254	3.5%	148,906	1.9%
2040	222.6	2.1%	90.4	1.6%	85.1	2.4%	1.87	1.3%	6,424	3.8%	13,715	3.5%	151,664	1.9%
Average Percent Change														
2010-2020			3.8%	3.2%	4.6%	3.2%	4.6%	7.6%	4.2%					
2021-2030			2.7%	2.8%	3.2%	1.4%	4.5%	4.6%	1.7%					
2031-2040			2.2%	1.7%	2.5%	1.4%	3.9%	3.7%	1.9%					



Clewiston

FMPA 2021 Load Forecast - Base Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)		Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change
Year																
Historical	2011	108,348	-	103,480	-	-4.5%	23.5	-	21.1	-	-10.3%	20.3	-	17.7		-12.8%
	2012	103,126	-4.8%	103,723	0.2%	0.6%	19.3	-18.2%	17.5	-17.0%	-9.0%	19.7	-2.9%	21.2	20.1%	7.8%
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	14.9	-22.9%	13.5	-22.7%	-8.8%	19.8	0.4%	19.9	-6.5%	0.4%
	2014	104,563	4.0%	102,546	1.0%	-1.9%	15.9	7.1%	16.8	23.8%	5.5%	21.4	8.2%	21.8	9.7%	1.9%
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.8	68.6%	15.2	-9.5%	-43.4%	21.3	-0.6%	19.8	-9.0%	-6.7%
	2016	109,324	3.6%	104,651	0.9%	-4.3%	18.8	-29.7%	16.7	9.9%	-11.4%	21.1	-0.9%	22.0	10.8%	4.3%
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	16.7	-11.3%	14.3	-14.4%	-14.4%	22.4	6.2%	21.5	-2.0%	-3.7%
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	0.4%	17.1	19.4%	1.8%	21.6	-3.3%	22.7	5.1%	4.8%
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	17.7	5.3%	17.5	2.7%	-0.6%	22.3	3.2%	16.5	-27.2%	-26.1%
	2020	107,264	-0.3%	106,609	1.5%	-0.6%	18.2	2.9%	16.9	-3.7%	-7.0%	21.7	-2.9%	20.4	23.5%	-6.0%
Projected	2021	105,374	-1.8%	105,374	-1.2%		17.7	-2.8%	17.7	4.6%		21.1	-2.7%	21.1	3.6%	
	2022			106,436	1.0%				17.9	1.5%				21.3	1.0%	
	2023			107,351	0.9%				18.1	0.9%				21.5	0.8%	
	2024			108,629	1.2%				18.3	1.1%				21.7	0.9%	
	2025			109,102	0.4%				18.4	0.7%				21.8	0.6%	
	2026			109,600	0.5%				18.5	0.5%				21.9	0.4%	
	2027			110,004	0.4%				18.6	0.4%				22.0	0.4%	
	2028			110,705	0.6%				18.7	0.5%				22.0	0.4%	
	2029			110,844	0.1%				18.7	0.2%				22.1	0.4%	
	2030			111,289	0.4%				18.8	0.4%				22.2	0.4%	
	2031			111,724	0.4%				18.9	0.4%				22.3	0.4%	
	2032			112,472	0.7%				19.0	0.6%				22.4	0.4%	
	2033			112,647	0.2%				19.0	0.3%				22.5	0.4%	
	2034			113,130	0.4%				19.1	0.4%				22.6	0.4%	
	2035			113,622	0.4%				19.2	0.4%				22.7	0.4%	
	2036			114,417	0.7%				19.3	0.6%				22.8	0.4%	
	2037			114,602	0.2%				19.3	0.3%				22.9	0.4%	
	2038			115,083	0.4%				19.4	0.4%				23.0	0.4%	
	2039			115,553	0.4%				19.5	0.4%				23.1	0.4%	
	2040			116,332	0.7%				19.6	0.6%				23.2	0.4%	
CAGR ^[3]	2011-2020		-0.1%		0.3%			-2.8%		-2.5%			0.7%		1.6%	
	2021-2030				0.6%					0.7%					0.6%	
	2031-2040				0.5%					0.4%					0.4%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Clewiston

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

Year		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	108,348	-	108,348	-	23.7	28.6	23.7	28.6	23.5	20.3	23.5	20.3
	2012	103,126	-4.8%	103,126	-4.8%	20.6	27.3	20.6	27.3	19.3	19.7	19.3	19.7
	2013	100,568	-2.5%	100,568	-2.5%	22.9	24.6	22.9	24.6	14.9	19.8	14.9	19.8
	2014	104,563	4.0%	104,563	4.0%	17.4	26.7	17.4	26.7	15.9	21.4	15.9	21.4
	2015	105,534	0.9%	105,534	0.9%	26.9	26.7	26.9	26.7	26.8	21.3	26.8	21.3
	2016	109,324	3.6%	109,324	3.6%	19.4	25.6	19.4	26.0	18.8	21.1	18.8	21.1
	2017	106,621	-2.5%	106,621	-2.5%	21.3	26.7	21.3	26.7	16.7	22.4	16.7	22.4
	2018	105,307	-1.2%	105,307	-1.2%	16.8	24.8	16.8	24.8	16.8	21.6	16.8	21.6
	2019	107,619	2.2%	107,619	2.2%	27.6	29.4	27.6	29.4	17.7	22.3	17.7	22.3
	2020	107,264	-0.3%	108,499	0.8%	20.6	28.7	21.6	27.7	18.2	21.7	17.6	21.6
Projected	2021	105,374	-1.8%	108,678	0.2%	20.8	27.4	21.6	27.9	17.7	21.1	17.7	21.7
	2022	106,436	1.0%	109,181	0.5%	21.1	27.7	21.7	28.0	17.9	21.3	17.8	21.8
	2023	107,351	0.9%	109,581	0.4%	21.3	28.0	21.8	28.1	18.1	21.5	17.9	21.9
	2024	108,629	1.2%	110,245	0.6%	21.5	28.2	21.9	28.2	18.3	21.7	18.0	22.0
	2025	109,102	0.4%	110,304	0.1%	21.7	28.4	22.0	28.3	18.4	21.8	18.0	22.1
	2026	109,600	0.5%	110,654	0.3%	21.8	28.5	22.0	28.4	18.5	21.9	18.0	22.1
	2027	110,004	0.4%	110,983	0.3%	21.8	28.6	22.1	28.5	18.6	22.0	18.1	22.2
	2028	110,705	0.6%	111,609	0.6%	22.0	28.7	22.2	28.5	18.7	22.0	18.2	22.3
	2029	110,844	0.1%	111,632	0.0%	22.0	28.8	22.2	28.6	18.7	22.1	18.2	22.3
	2030	111,289	0.4%	111,953	0.3%	22.1	28.9	22.3	28.7	18.8	22.2	18.3	22.4
	2031	111,724	0.4%	112,278	0.3%	22.2	29.0	22.4	28.8	18.9	22.3	18.3	22.4
	2032	112,472	0.7%	112,928	0.6%	22.3	29.1	22.5	28.9	19.0	22.4	18.4	22.5
	2033	112,647	0.2%	112,990	0.1%	22.4	29.3	22.5	29.0	19.0	22.5	18.4	22.6
	2034	113,130	0.4%	113,359	0.3%	22.5	29.4	22.6	29.1	19.1	22.6	18.5	22.7
	2035	113,622	0.4%	113,722	0.3%	22.6	29.5	22.7	29.2	19.2	22.7	18.5	22.7
	2036	114,417	0.7%	114,392	0.6%	22.7	29.7	22.8	29.3	19.3	22.8	18.6	22.8
	2037	114,602	0.2%	114,444	0.0%	22.7	29.8	22.8	29.3	19.3	22.9	18.7	22.9
	2038	115,083	0.4%	114,788	0.3%	22.8	29.9	22.9	29.4	19.4	23.0	18.7	22.9
	2039	115,553	0.4%	115,131	0.3%	22.9	30.0	22.9	29.5	19.5	23.1	18.8	23.0
	2040	116,332	0.7%			23.1	30.2			19.6	23.2		
CAGR ^[1]	Historical		-0.1%		-0.1%	-1.5%	0.0%	1.9%	0.4%	-0.7%	1.2%	-1.2%	1.8%
	1st 10 Prj Yrs		0.6%		0.3%	0.7%	0.6%	0.3%	0.3%	0.7%	0.6%	0.3%	0.3%
	2nd 10 Prj Yrs		0.5%		0.3%	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Clewiston

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]											
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)						
		Actual (MWh)		Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)		Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)		Percent Change	Weather-normalized (MW)	Percent Change
Year																		
Historical	2011	108,348	-	103,480	-	-4.5%	23.5	-	21.1	-	-10.3%	20.3	-	17.7		-12.8%		
	2012	103,126	-4.8%	103,723	0.2%	0.6%	19.3	-18.2%	17.5	-17.0%	-9.0%	19.7	-2.9%	21.2	20.1%	7.8%		
	2013	100,568	-2.5%	101,550	-2.1%	1.0%	14.9	-22.9%	13.5	-22.7%	-8.8%	19.8	0.4%	19.9	-6.5%	0.4%		
	2014	104,563	4.0%	102,546	1.0%	-1.9%	15.9	7.1%	16.8	23.8%	5.5%	21.4	8.2%	21.8	9.7%	1.9%		
	2015	105,534	0.9%	103,687	1.1%	-1.8%	26.8	68.6%	15.2	-9.5%	-43.4%	21.3	-0.6%	19.8	-9.0%	-6.7%		
	2016	109,324	3.6%	104,651	0.9%	-4.3%	18.8	-29.7%	16.7	9.9%	-11.4%	21.1	-0.9%	22.0	10.8%	4.3%		
	2017	106,621	-2.5%	104,700	0.0%	-1.8%	16.7	-11.3%	14.3	-14.4%	-14.4%	22.4	6.2%	21.5	-2.0%	-3.7%		
	2018	105,307	-1.2%	106,098	1.3%	0.8%	16.8	0.4%	17.1	19.4%	1.8%	21.6	-3.3%	22.7	5.1%	4.8%		
	2019	107,619	2.2%	105,004	-1.0%	-2.4%	17.7	5.3%	17.5	2.7%	-0.6%	22.3	3.2%	16.5	-27.2%	-26.1%		
	2020	107,264	-0.3%	102,658	-2.2%	-4.3%	18.2	2.9%	16.9	-3.7%	-7.0%	21.7	-2.9%	20.4	23.5%	-6.0%		
Projected	2021	105,293	-1.8%	105,293	2.6%		17.7	-2.8%	17.7	4.6%		21.1	-2.8%	21.1	3.5%			
	2022			106,340	1.0%				17.9	1.5%				21.3	1.0%			
	2023			107,240	0.8%				18.1	0.9%				21.5	0.8%			
	2024			108,501	1.2%				18.3	1.1%				21.6	0.8%			
	2025			108,956	0.4%				18.4	0.7%				21.8	0.6%			
	2026			109,430	0.4%				18.5	0.5%				21.8	0.4%			
	2027			109,807	0.3%				18.6	0.4%				21.9	0.3%			
	2028			110,480	0.6%				18.7	0.5%				22.0	0.3%			
	2029			110,590	0.1%				18.7	0.2%				22.1	0.4%			
	2030			111,004	0.4%				18.8	0.4%				22.2	0.4%			
	2031			111,418	0.4%				18.9	0.4%				22.2	0.4%			
	2032			112,144	0.7%				19.0	0.6%				22.3	0.4%			
	2033			112,298	0.1%				19.0	0.3%				22.4	0.4%			
	2034			112,759	0.4%				19.1	0.4%				22.5	0.4%			
	2035			113,228	0.4%				19.2	0.4%				22.6	0.4%			
	2036			113,997	0.7%				19.3	0.6%				22.7	0.4%			
	2037			114,158	0.1%				19.3	0.3%				22.8	0.4%			
	2038			114,612	0.4%				19.4	0.4%				22.9	0.4%			
	2039			115,054	0.4%				19.5	0.4%				23.0	0.4%			
	2040			115,804	0.7%				19.6	0.6%				23.1	0.4%			
CAGR ^[3]	2011-2020		-0.1%		-0.1%			-2.8%		-2.5%			0.7%		1.6%			
	2021-2030				0.6%					0.7%					0.6%			
	2031-2040				0.4%					0.4%					0.4%			

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Clewiston
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	7,296	6,677	7,571	9,167	9,859	11,216	10,356	10,874	10,067	8,665	7,402	7,218	106,370	108,348
	2012	7,301	7,041	7,937	7,930	9,411	10,207	10,120	10,283	9,611	9,241	7,139	7,287	103,508	103,126
	2013	7,044	6,906	6,850	8,208	8,782	9,858	9,339	10,354	9,560	9,495	7,783	7,369	101,548	100,568
	2014	7,247	6,685	7,368	8,276	9,730	10,300	9,964	10,901	9,446	8,946	6,830	7,030	102,722	104,563
	2015	6,786	6,564	8,196	9,089	9,976	11,111	10,390	10,616	10,002	9,611	8,637	8,098	109,074	105,534
	2016	6,839	6,605	7,751	8,245	9,624	10,932	11,352	11,230	10,398	9,632	7,222	7,850	107,682	109,324
	2017	7,274	6,797	7,584	8,437	9,976	10,216	10,609	11,124	9,901	9,545	7,685	7,320	106,467	106,621
	2018	7,195	7,135	7,016	8,325	8,878	10,444	10,382	10,703	10,679	10,111	8,251	7,083	106,202	105,307
	2019	7,149	6,816	7,426	8,408	10,018	10,680	10,412	10,392	10,873	10,015	7,197	6,997	106,383	107,619
	2020	6,853	6,805	8,159	8,740	9,196	10,360	10,788	11,297	10,857	9,730	7,206	7,378	107,369	107,264
Projected	2021	7,105	7,176	7,497	8,026	9,547	10,628	10,129	10,585	10,285	9,628	7,319	7,507	105,433	105,293
	2022	7,199	7,275	7,603	8,115	9,651	10,740	10,226	10,689	10,386	9,711	7,384	7,575	106,555	106,340
	2023	7,257	7,335	7,666	8,188	9,733	10,826	10,310	10,779	10,476	9,801	7,456	7,651	107,479	107,240
	2024	7,323	7,693	7,746	8,261	9,824	10,926	10,388	10,867	10,565	9,874	7,517	7,718	108,702	108,501
	2025	7,381	7,464	7,804	8,320	9,889	10,993	10,446	10,927	10,623	9,925	7,556	7,758	109,086	108,956
	2026	7,417	7,499	7,839	8,357	9,931	11,036	10,484	10,967	10,661	9,960	7,583	7,787	109,520	109,430
	2027	7,443	7,525	7,866	8,386	9,965	11,073	10,518	11,004	10,697	9,993	7,609	7,814	109,894	109,807
	2028	7,469	7,843	7,893	8,416	10,000	11,112	10,553	11,042	10,735	10,027	7,635	7,843	110,568	110,480
	2029	7,496	7,579	7,922	8,447	10,037	11,153	10,592	11,084	10,775	10,064	7,663	7,873	110,686	110,590
	2030	7,525	7,608	7,951	8,479	10,075	11,195	10,630	11,126	10,815	10,101	7,692	7,903	111,099	111,004
Projected	2031	7,553	7,636	7,981	8,511	10,112	11,236	10,668	11,168	10,856	10,138	7,720	7,933	111,513	111,418
	2032	7,582	7,962	8,011	8,544	10,152	11,280	10,709	11,212	10,899	10,178	7,751	7,966	112,246	112,144
	2033	7,613	7,696	8,043	8,579	10,193	11,326	10,752	11,258	10,944	10,218	7,782	7,998	112,402	112,298
	2034	7,644	7,727	8,076	8,615	10,235	11,373	10,796	11,306	10,990	10,260	7,814	8,032	112,866	112,759
	2035	7,676	7,759	8,109	8,651	10,277	11,421	10,840	11,354	11,037	10,301	7,846	8,065	113,335	113,228
	2036	7,708	8,093	8,142	8,687	10,320	11,468	10,884	11,401	11,082	10,342	7,877	8,098	114,103	113,997
	2037	7,740	7,823	8,175	8,722	10,362	11,515	10,927	11,448	11,128	10,383	7,908	8,132	114,263	114,158
	2038	7,771	7,854	8,208	8,757	10,403	11,561	10,969	11,494	11,172	10,423	7,938	8,163	114,714	114,612
	2039	7,802	7,885	8,239	8,791	10,443	11,605	11,011	11,539	11,215	10,462	7,969	8,195	115,155	115,054
	2040	7,832	8,221	8,270	8,825	10,484	11,650	11,052	11,584	11,259	10,501	7,999	8,227	115,905	115,804

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	6.9%	6.3%	7.1%	8.6%	9.3%	10.5%	9.7%	10.2%	9.5%	8.1%	7.0%	6.8%	100.0%
	2012	7.1%	6.8%	7.7%	7.7%	9.1%	9.9%	9.8%	9.9%	9.3%	8.9%	6.9%	7.0%	100.0%
	2013	6.9%	6.8%	6.7%	8.1%	8.6%	9.7%	9.2%	10.2%	9.4%	9.4%	7.7%	7.3%	100.0%
	2014	7.1%	6.5%	7.2%	8.1%	9.5%	10.0%	9.7%	10.6%	9.2%	8.7%	6.6%	6.8%	100.0%
	2015	6.2%	6.0%	7.5%	8.3%	9.1%	10.2%	9.5%	9.7%	9.2%	8.8%	7.9%	7.4%	100.0%
	2016	6.4%	6.1%	7.2%	7.7%	8.9%	10.2%	10.5%	10.4%	9.7%	8.9%	6.7%	7.3%	100.0%
	2017	6.8%	6.4%	7.1%	7.9%	9.4%	9.6%	10.0%	10.4%	9.3%	9.0%	7.2%	6.9%	100.0%
	2018	6.8%	6.7%	6.6%	7.8%	8.4%	9.8%	9.8%	10.1%	10.1%	9.5%	7.8%	6.7%	100.0%
	2019	6.7%	6.4%	7.0%	7.9%	9.4%	10.0%	9.8%	10.2%	10.2%	9.4%	6.8%	6.6%	100.0%
	2020	6.4%	6.3%	7.6%	8.1%	8.6%	9.6%	10.0%	10.5%	10.1%	9.1%	6.7%	6.9%	100.0%
Projected	2021	6.7%	6.8%	7.1%	7.6%	9.1%	10.1%	9.6%	10.0%	9.8%	9.1%	6.9%	7.1%	100.0%
	2022	6.8%	6.8%	7.1%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2023	6.8%	6.8%	7.1%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2024	6.7%	7.1%	7.1%	7.6%	9.0%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2025	6.8%	6.8%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2026	6.8%	6.8%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2027	6.8%	6.8%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2028	6.8%	7.1%	7.1%	7.6%	9.0%	10.0%	9.5%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2029	6.8%	6.8%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
	2030	6.8%	6.8%	7.2%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%
Avg.	2011-2020	6.7%	6.4%	7.2%	8.0%	9.0%	10.0%	9.8%	10.2%	9.6%	9.0%	7.1%	7.0%	100.0%
	2021-2030	6.8%	6.9%	7.1%	7.6%	9.1%	10.1%	9.6%	10.0%	9.7%	9.1%	6.9%	7.1%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12

FMPA 2021 Load Forecast - Base Case
Clewiston
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	20.1	15.1	17.3	22.0	20.0	24.8	21.0	28.6	20.6	20.8	19.5	15.1	23.7	28.6
	2012	20.6	16.2	18.7	17.4	19.9	24.6	27.3	21.4	20.4	21.4	19.9	15.1	20.6	27.3
	2013	17.4	22.9	14.9	18.0	18.4	24.6	19.6	20.8	19.7	21.3	17.4	16.0	22.9	24.6
	2014	15.9	15.6	17.0	19.5	22.4	23.8	21.1	22.2	26.7	19.6	16.4	14.5	17.4	26.7
	2015	14.4	26.9	17.1	19.7	20.8	26.7	21.4	22.1	21.2	24.4	19.4	16.5	26.9	26.7
	2016	14.8	15.6	17.7	20.4	21.0	25.6	24.2	22.8	25.1	26.0	16.0	16.9	19.4	25.6
	2017	21.3	19.3	16.8	20.0	21.2	25.8	26.7	23.9	22.0	20.2	16.4	16.0	21.3	26.7
	2018	16.8	16.7	16.6	18.8	18.1	24.8	21.7	22.2	23.8	21.1	27.6	16.6	16.8	24.8
	2019	22.5	16.6	16.3	18.7	21.6	26.1	21.7	29.4	26.9	24.1	18.1	15.6	27.6	29.4
	2020	20.6	16.7	18.6	20.9	20.3	25.4	25.4	26.3	28.7	22.7	19.2	16.4	20.6	28.7
Projected	2021	20.8	17.4	16.8	19.8	20.7	27.4	22.8	23.7	25.1	21.7	18.3	16.6	20.8	27.4
	2022	21.1	17.6	16.9	20.0	20.9	27.7	23.0	24.0	25.4	21.9	18.5	16.8	21.1	27.7
	2023	21.3	17.8	17.1	20.1	21.1	27.9	23.2	24.2	25.6	22.1	18.7	17.0	21.3	27.9
	2024	21.5	18.0	17.2	20.3	21.2	28.2	23.4	24.4	25.8	22.3	18.8	17.1	21.5	28.2
	2025	21.7	18.1	17.3	20.4	21.4	28.3	23.5	24.5	26.0	22.4	18.9	17.2	21.7	28.3
	2026	21.8	18.2	17.4	20.5	21.4	28.4	23.6	24.6	26.1	22.5	19.0	17.2	21.8	28.4
	2027	21.8	18.3	17.5	20.6	21.5	28.5	23.7	24.7	26.1	22.6	19.1	17.3	21.8	28.5
	2028	22.0	18.4	17.5	20.6	21.6	28.6	23.8	24.8	26.2	22.6	19.2	17.3	22.0	28.6
	2029	22.0	18.4	17.6	20.7	21.7	28.7	23.9	24.9	26.3	22.7	19.2	17.4	22.0	28.7
	2030	22.1	18.5	17.7	20.8	21.8	28.8	23.9	25.0	26.4	22.8	19.3	17.5	22.1	28.8
Projected	2031	22.2	18.5	17.7	20.9	21.8	29.0	24.0	25.0	26.5	22.9	19.4	17.6	22.2	29.0
	2032	22.3	18.6	17.8	21.0	21.9	29.1	24.1	25.1	26.6	23.0	19.5	17.6	22.3	29.1
	2033	22.4	18.7	17.9	21.0	22.0	29.2	24.2	25.2	26.7	23.1	19.6	17.7	22.4	29.2
	2034	22.5	18.8	18.0	21.1	22.1	29.3	24.3	25.4	26.9	23.2	19.6	17.8	22.5	29.3
	2035	22.6	18.8	18.1	21.2	22.2	29.4	24.4	25.5	27.0	23.3	19.7	17.9	22.6	29.4
	2036	22.7	19.0	18.1	21.3	22.3	29.6	24.5	25.6	27.1	23.4	19.8	17.9	22.7	29.6
	2037	22.7	19.0	18.2	21.4	22.4	29.7	24.6	25.7	27.2	23.5	19.9	18.0	22.7	29.7
	2038	22.8	19.1	18.3	21.5	22.5	29.8	24.7	25.8	27.3	23.6	20.0	18.1	22.8	29.8
	2039	22.9	19.2	18.4	21.6	22.6	29.9	24.8	25.9	27.4	23.7	20.1	18.2	22.9	29.9
	2040	23.1	19.3	18.4	21.7	22.7	30.0	24.9	26.0	27.5	23.8	20.1	18.2	23.1	30.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	48.7%	65.8%	58.9%	57.8%	66.2%	62.7%	66.4%	51.1%	67.8%	56.0%	52.7%	64.3%	51.2%	43.2%
	2012	47.7%	62.6%	56.9%	63.4%	63.6%	57.5%	49.9%	64.7%	65.3%	58.1%	49.8%	65.0%	57.4%	43.2%
	2013	54.3%	44.9%	62.0%	63.5%	64.3%	55.7%	64.1%	66.9%	67.5%	60.0%	62.0%	61.9%	50.7%	46.7%
	2014	61.2%	63.8%	58.2%	59.0%	58.3%	60.1%	63.5%	65.9%	49.1%	61.5%	57.8%	65.1%	67.2%	44.7%
	2015	63.4%	36.3%	64.4%	64.2%	64.5%	57.8%	65.4%	64.6%	65.4%	53.0%	61.9%	65.9%	46.3%	45.2%
	2016	62.3%	60.8%	58.8%	56.2%	61.5%	59.4%	63.1%	66.3%	57.6%	49.8%	62.9%	62.4%	63.4%	48.8%
	2017	45.8%	52.5%	60.6%	58.6%	63.1%	55.0%	53.3%	62.6%	62.6%	63.4%	65.2%	61.4%	57.0%	45.5%
	2018	57.7%	63.6%	56.7%	61.6%	65.8%	58.5%	64.4%	64.9%	62.3%	64.5%	41.6%	57.3%	72.3%	48.5%
	2019	42.7%	61.1%	61.1%	62.3%	62.2%	56.9%	64.5%	47.4%	56.2%	55.9%	55.2%	60.2%	44.1%	41.7%
	2020	44.6%	58.6%	58.9%	58.1%	60.8%	56.6%	57.0%	57.7%	52.5%	57.7%	52.2%	60.6%	59.4%	42.7%
Projected	2021	45.9%	61.5%	60.1%	56.4%	62.1%	53.8%	59.8%	59.9%	56.8%	59.7%	55.4%	60.7%	57.9%	43.8%
	2022	45.9%	61.4%	60.3%	56.5%	62.1%	53.9%	59.8%	59.9%	56.8%	59.6%	55.4%	60.7%	57.7%	43.8%
	2023	45.9%	61.4%	60.3%	56.5%	62.1%	53.8%	59.7%	59.9%	56.8%	59.6%	55.5%	60.7%	57.7%	43.8%
	2024	45.7%	61.5%	60.4%	56.5%	62.2%	53.9%	59.7%	59.9%	56.8%	59.6%	55.4%	60.8%	57.7%	44.0%
	2025	45.8%	61.4%	60.5%	56.6%	62.2%	53.9%	59.7%	59.9%	56.8%	59.6%	55.4%	60.8%	57.5%	43.9%
	2026	45.8%	61.4%	60.5%	56.6%	62.3%	53.9%	59.7%	59.9%	56.8%	59.5%	55.4%	60.8%	57.4%	43.9%
	2027	45.8%	61.3%	60.5%	56.6%	62.3%	53.9%	59.7%	59.9%	56.8%	59.5%	55.4%	60.7%	57.4%	43.9%
	2028	45.7%	61.4%	60.5%	56.6%	62.3%	53.9%	59.7%	59.9%	56.8%	59.5%	55.3%	60.8%	57.5%	44.1%
	2029	45.8%	61.3%	60.5%	56.6%	62.3%	53.9%	59.7%	59.9%	56.8%	59.5%	55.3%	60.8%	57.4%	43.9%
	2030	45.8%	61.3%	60.5%	56.6%	62.3%	53.9%	59.7%	59.9%	56.8%	59.5%	55.3%	60.8%	57.4%	43.9%
Avg.	2011-2020	52.8%	57.0%	59.7%	60.5%	63.1%	58.0%	61.2%	61.2%	60.6%	58.0%	56.1%	62.4%	56.9%	45.0%
	2021-2030	45.8%	61.4%	60.4%	56.6%	62.2%	53.9%	59.7%	59.9%	56.8%	59.6%	55.4%	60.7%	57.6%	43.9%

FMPA 2021 Load Forecast - Base Case
Clewiston
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	19.5	12.4	15.9	20.2	18.3	20.9	19.2	20.3	19.1	18.3	16.9	14.2	23.5	20.3
	2012	19.3	15.1	15.5	17.3	18.2	20.8	19.7	20.0	18.2	16.2	12.6	12.0	19.3	19.7
	2013	9.8	13.9	14.9	17.7	18.1	18.8	14.8	19.8	19.2	18.2	17.4	15.0	14.9	19.8
	2014	15.9	11.6	13.6	18.1	19.1	20.0	20.6	21.4	15.6	19.3	10.2	11.6	15.9	21.4
	2015	11.0	26.8	16.7	18.3	20.2	21.3	19.5	19.5	19.9	21.6	18.8	15.5	26.8	21.3
	2016	14.2	15.6	15.6	19.2	20.4	21.4	21.1	22.2	20.6	18.7	14.1	15.6	18.8	21.1
	2017	11.2	15.1	16.7	18.9	20.5	19.9	20.5	22.4	21.6	20.0	16.2	12.7	16.7	22.4
	2018	16.8	15.6	16.6	16.8	17.8	22.7	20.3	21.6	23.8	20.3	17.7	12.7	16.8	21.6
	2019	14.6	16.1	16.3	18.7	20.1	22.3	21.7	15.0	21.5	18.6	18.0	15.2	17.7	22.3
	2020	15.8	15.9	18.2	18.0	19.1	21.7	21.5	21.3	21.7	19.7	17.2	14.4	18.2	21.7
Projected	2021	17.7	16.1	16.3	18.3	19.8	23.2	20.1	21.1	21.9	18.8	16.4	14.6	17.7	21.1
	2022	17.9	16.4	16.4	18.5	20.0	23.4	20.3	21.3	22.2	19.0	16.6	14.7	17.9	21.3
	2023	18.1	16.5	16.6	18.7	20.2	23.6	20.5	21.5	22.3	19.1	16.7	14.9	18.1	21.5
	2024	18.3	16.7	16.7	18.8	20.3	23.8	20.7	21.6	22.5	19.3	16.9	15.0	18.3	21.6
	2025	18.4	16.8	16.8	18.9	20.5	24.0	20.8	21.8	22.7	19.4	17.0	15.1	18.4	21.8
	2026	18.5	16.9	16.9	19.0	20.5	24.1	20.9	21.8	22.7	19.5	17.0	15.1	18.5	21.8
	2027	18.6	16.9	16.9	19.1	20.6	24.1	20.9	21.9	22.8	19.5	17.1	15.2	18.6	21.9
	2028	18.7	17.0	17.0	19.1	20.7	24.2	21.0	22.0	22.9	19.6	17.2	15.2	18.7	22.0
	2029	18.7	17.1	17.1	19.2	20.8	24.3	21.1	22.1	23.0	19.7	17.2	15.3	18.7	22.1
	2030	18.8	17.1	17.1	19.3	20.8	24.4	21.2	22.2	23.1	19.8	17.3	15.4	18.8	22.2
Projected	2031	18.9	17.2	17.2	19.4	20.9	24.5	21.2	22.2	23.2	19.8	17.4	15.4	18.9	22.2
	2032	19.0	17.3	17.3	19.4	21.0	24.6	21.3	22.3	23.2	19.9	17.4	15.5	19.0	22.3
	2033	19.0	17.4	17.4	19.5	21.1	24.7	21.4	22.4	23.3	20.0	17.5	15.5	19.0	22.4
	2034	19.1	17.4	17.4	19.6	21.2	24.8	21.5	22.5	23.4	20.1	17.6	15.6	19.1	22.5
	2035	19.2	17.5	17.5	19.7	21.3	24.9	21.6	22.6	23.5	20.2	17.7	15.7	19.2	22.6
	2036	19.3	17.6	17.6	19.8	21.4	25.0	21.7	22.7	23.6	20.3	17.7	15.7	19.3	22.7
	2037	19.3	17.6	17.7	19.9	21.4	25.1	21.8	22.8	23.7	20.3	17.8	15.8	19.3	22.8
	2038	19.4	17.7	17.7	19.9	21.5	25.2	21.8	22.9	23.8	20.4	17.9	15.9	19.4	22.9
	2039	19.5	17.8	17.8	20.0	21.6	25.3	21.9	23.0	23.9	20.5	18.0	16.0	19.5	23.0
	2040	19.6	17.9	17.9	20.1	21.7	25.4	22.0	23.1	24.0	20.6	18.0	16.0	19.6	23.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	96.7%	82.2%	92.1%	91.5%	91.7%	84.2%	91.6%	70.9%	92.5%	87.9%	86.8%	94.1%	99.2%	70.9%
	2012	93.5%	93.2%	82.5%	99.4%	91.3%	84.4%	72.3%	93.6%	89.2%	76.0%	63.4%	79.5%	93.5%	72.3%
	2013	56.1%	60.6%	100.0%	98.4%	98.7%	76.3%	75.7%	95.1%	97.4%	85.6%	100.0%	93.8%	64.9%	80.4%
	2014	100.0%	74.3%	80.3%	92.6%	85.2%	84.0%	97.6%	96.3%	58.5%	98.7%	62.4%	80.3%	91.2%	80.2%
	2015	76.2%	99.7%	97.9%	93.0%	97.0%	79.7%	91.1%	88.1%	93.8%	88.5%	97.3%	94.1%	99.7%	79.7%
	2016	95.9%	100.0%	88.2%	94.3%	97.2%	83.7%	87.1%	97.5%	82.3%	72.1%	88.4%	92.6%	97.3%	82.4%
	2017	52.6%	78.2%	99.3%	94.3%	96.7%	77.2%	76.5%	93.7%	98.3%	99.0%	99.0%	79.4%	78.3%	83.6%
	2018	100.0%	93.5%	100.0%	89.4%	98.2%	91.3%	93.8%	97.6%	100.0%	96.5%	64.0%	76.3%	100.0%	87.2%
	2019	64.7%	97.1%	100.0%	100.0%	92.8%	85.6%	100.0%	51.0%	80.1%	77.1%	99.3%	96.9%	64.0%	75.8%
	2020	76.5%	95.5%	97.6%	86.0%	94.1%	85.2%	84.4%	81.1%	75.7%	86.6%	89.6%	87.8%	88.0%	75.5%
Projected	2021	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.4%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2022	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2023	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.9%
	2024	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2025	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2026	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2027	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2028	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2029	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2030	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%
	2011-2020	81.2%	87.4%	93.8%	93.9%	94.3%	83.2%	87.0%	86.5%	86.8%	86.8%	85.0%	87.5%	87.6%	78.8%
	2021-2030	85.0%	92.9%	97.0%	92.8%	95.8%	84.6%	88.3%	88.8%	87.3%	86.6%	89.6%	87.8%	85.0%	76.8%

FMPA 2021 Load Forecast - Base Case - Clewiston

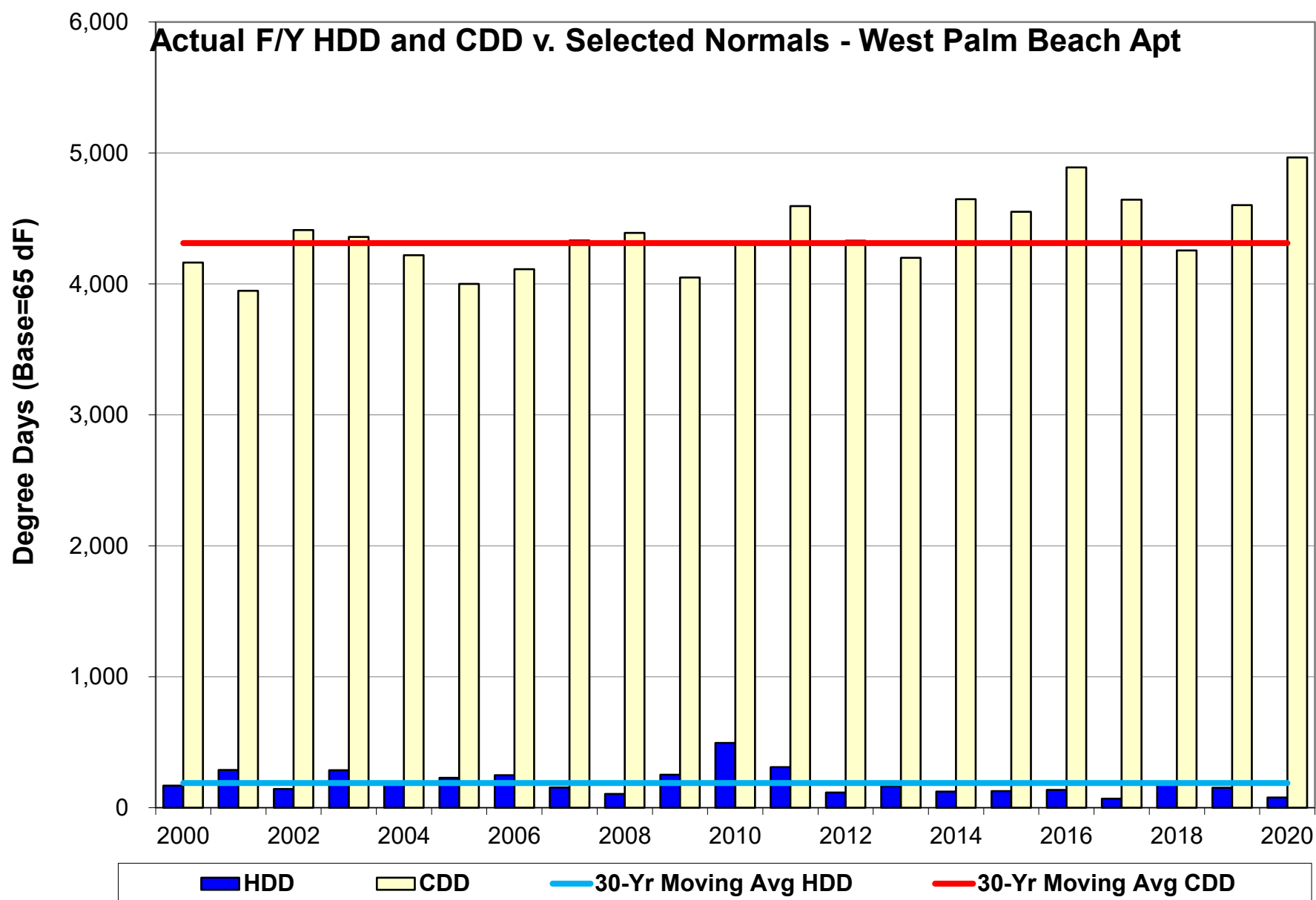
Historical and Projected - Energy Sales by Customer Class
(Fiscal Year 2011-2040)

Fiscal Year		Residential						General Service Non-Demand						General Service Demand						US Sugar		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL			
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	%	(MWh)	% Chg
Historical	2011	49,594		3,325		14,917		10,409		515		20.2		36,128		119		304		3,487		512		100,130		8,218	7.6%	108,348			
	2012	47,531	-4.2%	3,335	0.3%	14,254	-4.4%	9,174	-11.9%	503	-2.3%	18.2	-9.8%	37,195	3.0%	122	2.8%	304	0.1%	1,825	-47.7%	402	-21.5%	96,127	-4.0%	6,999	6.8%	103,126	-4.8%		
	2013	45,414	-4.5%	3,351	0.5%	13,552	-4.9%	7,837	-14.6%	499	-0.8%	15.7	-13.9%	36,033	-3.1%	127	3.6%	284	-6.5%	2,582	41.5%	387	-3.9%	92,253	-4.0%	8,315	8.3%	100,568	-2.5%		
	2014	48,637	7.1%	3,384	1.0%	14,371	6.0%	8,527	8.8%	487	-2.4%	17.5	11.5%	37,352	3.7%	129	1.6%	290	2.0%	2,720	5.3%	412	6.7%	97,648	5.8%	6,915	6.6%	104,563	4.0%		
	2015	50,179	3.2%	3,430	1.3%	14,632	1.8%	8,746	2.6%	474	-2.8%	18.5	5.5%	37,752	1.1%	130	1.0%	290	0.0%	1,676	-38.4%	381	-7.5%	98,734	1.1%	6,800	6.4%	105,534	0.9%		
	2016	51,631	2.9%	3,432	0.1%	15,043	2.8%	8,748	0.0%	471	-0.5%	18.6	0.6%	38,682	2.5%	132	1.8%	292	0.7%	2,080	24.1%	406	6.4%	101,547	2.8%	7,777	7.1%	109,324	3.6%		
	2017	49,963	-3.2%	3,452	0.6%	14,476	-3.8%	8,953	2.3%	499	5.9%	17.9	-3.4%	37,937	-1.9%	134	1.1%	283	-3.0%	2,023	-2.7%	414	2.0%	99,290	-2.2%	7,331	6.9%	106,621	-2.5%		
	2018	50,070	0.2%	3,444	-0.2%	14,540	0.4%	8,979	0.3%	483	-3.2%	18.6	3.6%	37,479	-1.2%	134	-0.2%	281	-1.0%	1,321	-34.7%	385	-6.9%	98,234	-1.1%	7,073	6.7%	105,307	-1.2%		
	2019	52,102	4.1%	3,463	0.6%	15,044	3.5%	9,277	3.3%	475	-1.7%	19.5	5.1%	37,802	0.9%	133	-0.4%	284	1.3%	1,162	-12.0%	383	-5.9%	100,726	2.5%	6,893	6.4%	107,619	2.2%		
	2020	53,497	2.7%	3,536	2.1%	15,130	0.6%	8,732	-5.9%	492	3.6%	17.7	-9.1%	35,901	-5.0%	136	2.6%	263	-7.5%	860	-26.0%	362	-5.6%	99,352	-1.4%	7,911	7.4%	107,264	-0.3%		
Projected	2021	52,127	-2.6%	3,544	0.2%	14,711	-2.8%	8,797	0.7%	500	1.7%	17.6	-0.9%	35,702	-0.6%	140	2.5%	255	-2.9%	1,114	29.6%	362	0.0%	98,103	-1.3%	7,271	6.9%	105,374	-1.8%		
	2022	52,173	0.1%	3,549	0.2%	14,700	-0.1%	8,974	2.0%	503	0.6%	17.8	-0.4%	36,465	2.1%	142	1.5%	257	0.6%	1,114	0.0%	362	0.0%	99,087	1.0%	7,348	6.9%	106,436	1.0%		
	2023	52,311	0.3%	3,559	0.3%	14,697	0.0%	9,181	2.3%	505	0.4%	18.2	1.9%	36,972	1.4%	144	1.7%	256	-0.3%	1,114	0.0%	362	0.0%	99,940	0.9%	7,411	6.9%	107,351	0.9%		
	2024	52,405	0.2%	3,568	0.3%	14,686	-0.1%	9,407	2.5%	506	0.3%	18.6	2.2%	37,573	1.6%	147	1.7%	256	-0.1%	1,114	0.0%	362	0.0%	100,862	0.9%	7,766	7.1%	108,629	1.2%		
	2025	52,496	0.2%	3,577	0.2%	14,678	-0.1%	9,606	2.1%	507	0.2%	18.9	1.9%	37,992	1.1%	149	1.7%	255	-0.5%	1,114	0.0%	362	0.0%	101,571	0.7%	7,530	6.9%	109,102	0.4%		
	2026	52,584	0.2%	3,584	0.2%	14,671	0.0%	9,776	1.8%	508	0.2%	19.2	1.6%	38,201	0.5%	152	1.7%	252	-1.1%	1,114	0.0%	362	0.0%	102,037	0.5%	7,563	6.9%	109,600	0.5%		
	2027	52,693	0.2%	3,591	0.2%	14,675	0.0%	9,928	1.6%	509	0.2%	19.5	1.4%	38,316	0.3%	154	1.6%	249	-1.3%	1,114	0.0%	362	0.0%	102,413	0.4%	7,591	6.9%	110,004	0.4%		
	2028	52,851	0.3%	3,597	0.2%	14,693	0.1%	10,074	1.5%	510	0.2%	19.7	1.3%	38,393	0.2%	156	1.6%	245	-1.4%	1,114	0.0%	362	0.0%	102,793	0.4%	7,912	7.1%	110,705	0.6%		
	2029	53,044	0.4%	3,603	0.2%	14,724	0.2%	10,220	1.5%	511	0.2%	20.0	1.3%	38,454	0.2%	159	1.6%	242	-1.4%	1,114	0.0%	362	0.0%	103,195	0.4%	7,650	6.9%	110,844	0.1%		
	2030	53,251	0.4%	3,608	0.1%	14,760	0.2%	10,368	1.4%	512	0.2%	20.2	1.3%	38,514	0.2%	161	1.6%	239	-1.4%	1,114	0.0%	362	0.0%	103,609	0.4%	7,680	6.9%	111,289	0.4%		
	2031	53,454	0.4%	3,613	0.1%	14,797	0.3%	10,514	1.4%	513	0.2%	20.5	1.2%	38,569	0.1%	164	1.6%	235	-1.4%	1,114	0.0%	362	0.0%	104,013	0.4%	7,710	6.9%	111,724	0.4%		
	2032	53,669	0.4%	3,617	0.1%	14,839	0.3%	10,659	1.4%	514	0.2%	20.7	1.2%	38,628	0.2%	166	1.5%	232	-1.4%	1,114	0.0%	362	0.0%	104,433	0.4%	8,039	7.1%	112,472	0.7%		
	2033	53,904	0.4%	3,621	0.1%	14,887	0.3%	10,807	1.4%	515	0.2%	21.0	1.2%	38,686	0.1%	169	1.5%	229	-1.4%	1,114	0.0%	362	0.0%	104,873	0.4%	7,775	6.9%	112,647	0.2%		
	2034	54,155	0.5%	3,625	0.1%	14,941	0.4%	10,954	1.4%	516	0.2%	21.2	1.2%	38,737	0.1%	172	1.5%	226	-1.4%	1,114	0.0%	362	0.0%	105,322	0.4%	7,808	6.9%	113,130	0.4%		
	2035	54,414	0.5%	3,628	0.1%	14,998	0.4%	11,103	1.4%	516	0.2%	21.5	1.2%	38,787	0.1%	174	1.5%	223	-1.4%	1,114	0.0%	362	0.0%	105,780	0.4%	7,842	6.9%	113,622	0.4%		
	2036	54,672	0.5%	3,632	0.1%	15,055	0.4%	11,252	1.3%	517	0.2%	21.8	1.2%	38,838	0.1%	177	1.5%	220	-1.3%	1,114	0.0%	362	0.0%	106,238	0.4%	8,178	7.1%	114,417	0.7%		
	2037	54,924	0.5%	3,635	0.1%	15,111	0.4%	11,403	1.3%	518	0.2%	22.0	1.2%	38,889	0.1%	179	1.5%	217	-1.3%	1,114	0.0%	362	0.0%	106,692	0.4%	7,910	6.9%	114,602	0.2%		
	2038	55,171	0.5%	3,638	0.1%	15,165	0.4%	11,556	1.3%	519	0.2%	22.3	1.2%	38,936	0.1%	182	1.5%	214	-1.3%	1,114	0.0%	362	0.0%	107,140	0.4%	7,943	6.9%	115,083	0.4%		
	2039	55,407	0.4%	3,641	0.1%	15,217	0.3%	11,709	1.3%	520	0.2%	22.5	1.2%	38,985	0.1%	185	1.5%	211	-1.3%	1,114	0.0%	362	0.0%	107,577	0.4%	7,976	6.9%	115,553	0.4%		
	2040	55,643	0.4%	3,644	0.1%	15,269	0.3%	11,864	1.3%	521	0.2%	22.8	1.2%	39,033	0.1%	187	1.5%	208	-1.3%	1,114	0.0%	362	0.0%	108,016	0.4%	8,316	7.1%	116,332	0.7%		
CAGR	2011-2020		0.8%		0.7%		0.2%		-1.9%		-0.5%		-1.4%		-0.1%	1.5%		-1.6%		-14.4%		-3.8%		-0.1%		7.0%				-0.1%	
	2021-2030		0.2%		0.2%		0.0%		1.8%		0.3%		1.6%		0.8%	1.6%		-0.8%		0.0%		0.0%		0.6%		7.0%			0.6%		
	2031-2040		0.4%		0.1%		0.3%		1.4%		0.2%		1.2%		0.1%	1.5%		-1.3%		0.0%		0.0%		0.4%		7.0%			0.5%		

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Clewiston (Hendry County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	36.3	-	10.9	-	17.6	-	1.12	-	1,133	-	951	-	87,454	-
2001	36.0	-0.6%	11.1	1.8%	16.4	-6.8%	1.12	-0.1%	1,173	3.5%	939	-1.2%	84,812	-3.0%
2002	36.0	0.0%	11.1	0.2%	15.7	-4.4%	1.09	-2.5%	1,258	7.3%	950	1.1%	85,580	0.9%
2003	36.1	0.3%	11.3	1.5%	15.7	0.1%	1.14	5.0%	1,207	-4.0%	903	-4.9%	80,186	-6.3%
2004	36.9	2.1%	11.5	1.8%	16.7	5.9%	1.17	2.0%	1,181	-2.1%	924	2.3%	80,613	0.5%
2005	38.2	3.5%	11.9	3.7%	17.6	5.7%	1.22	4.4%	1,225	3.7%	965	4.4%	81,171	0.7%
2006	38.8	1.5%	12.0	1.2%	18.6	5.2%	1.10	-9.7%	1,475	20.5%	1,012	4.9%	84,095	3.6%
2007	39.0	0.6%	12.2	0.9%	19.2	3.6%	1.22	11.3%	1,627	10.3%	998	-1.4%	82,127	-2.3%
2008	39.2	0.4%	12.1	-0.1%	18.2	-5.1%	1.02	-17.1%	1,415	-13.0%	956	-4.2%	78,786	-4.1%
2009	39.0	-0.4%	12.0	-0.9%	17.4	-4.9%	1.04	2.2%	1,346	-4.9%	978	2.2%	81,248	3.1%
2010	39.0	0.0%	12.0	-0.1%	17.0	-1.9%	0.44	-58.1%	1,247	-7.3%	1,053	7.7%	87,550	7.8%
2011	39.0	-0.1%	12.1	0.6%	17.2	1.1%	0.42	-3.7%	1,218	-2.3%	1,023	-2.8%	84,574	-3.4%
2012	37.9	-2.8%	12.2	0.9%	17.4	1.2%	0.47	11.2%	1,171	-3.9%	1,035	1.2%	84,821	0.3%
2013	37.8	-0.1%	12.4	1.5%	18.5	6.2%	0.49	4.5%	1,157	-1.1%	1,067	3.0%	86,080	1.5%
2014	38.5	1.8%	12.5	1.0%	18.7	1.0%	0.50	3.1%	1,118	-3.4%	1,080	1.3%	86,324	0.3%
2015	39.3	2.1%	12.7	1.3%	18.4	-1.4%	0.51	1.2%	1,127	0.8%	1,148	6.3%	90,516	4.9%
2016	40.1	2.0%	12.9	1.4%	18.9	2.9%	0.49	-2.8%	1,165	3.4%	1,146	-0.2%	89,120	-1.5%
2017	41.1	2.6%	12.9	0.4%	19.7	4.2%	0.50	1.0%	1,174	0.7%	1,192	4.0%	92,316	3.6%
2018	41.6	1.0%	13.0	0.9%	19.8	0.4%	0.53	5.6%	1,128	-3.9%	1,194	0.1%	91,601	-0.8%
2019	41.8	0.7%	13.2	1.5%	20.0	1.2%	0.52	-0.6%	1,119	-0.8%	1,201	0.6%	90,821	-0.9%
2020	42.2	0.8%	13.4	1.4%	20.2	1.0%	0.52	-0.6%	1,140	1.9%	1,232	2.6%	91,863	1.1%
2021	42.5	0.8%	13.6	1.3%	20.4	1.0%	0.52	-0.8%	1,161	1.8%	1,264	2.5%	92,967	1.2%
2022	42.8	0.8%	13.8	1.2%	20.6	1.0%	0.51	-1.6%	1,182	1.8%	1,295	2.5%	94,199	1.3%
2023	43.1	0.8%	13.9	1.1%	20.8	1.0%	0.50	-1.4%	1,203	1.8%	1,328	2.5%	95,530	1.4%
2024	43.5	0.7%	14.0	1.0%	21.0	0.8%	0.50	-1.2%	1,224	1.7%	1,360	2.5%	96,945	1.5%
2025	43.8	0.7%	14.2	0.9%	21.2	0.8%	0.49	-1.4%	1,245	1.7%	1,394	2.5%	98,441	1.5%
2026	44.1	0.6%	14.3	0.7%	21.3	0.7%	0.48	-1.4%	1,265	1.6%	1,427	2.3%	100,008	1.6%
2027	44.4	0.6%	14.4	0.7%	21.5	0.6%	0.48	-1.3%	1,285	1.6%	1,460	2.3%	101,626	1.6%
2028	44.7	0.6%	14.5	0.7%	21.6	0.6%	0.47	-1.3%	1,306	1.6%	1,494	2.3%	103,312	1.7%
2029	44.9	0.6%	14.5	0.6%	21.7	0.7%	0.46	-1.1%	1,326	1.6%	1,529	2.3%	105,065	1.7%
2030	45.2	0.6%	14.6	0.6%	21.9	0.7%	0.46	-1.3%	1,347	1.6%	1,564	2.3%	106,881	1.7%
2031	45.5	0.6%	14.7	0.5%	22.0	0.7%	0.45	-1.2%	1,367	1.5%	1,599	2.2%	108,752	1.8%
2032	45.7	0.6%	14.8	0.4%	22.2	0.7%	0.45	-1.4%	1,388	1.5%	1,635	2.2%	110,685	1.8%
2033	46.0	0.6%	14.8	0.4%	22.3	0.6%	0.44	-1.3%	1,408	1.5%	1,671	2.2%	112,667	1.8%
2034	46.3	0.6%	14.9	0.4%	22.5	0.6%	0.43	-1.5%	1,429	1.5%	1,708	2.2%	114,694	1.8%
2035	46.5	0.6%	14.9	0.4%	22.6	0.6%	0.43	-1.4%	1,450	1.5%	1,745	2.2%	116,761	1.8%
2036	46.8	0.6%	15.0	0.4%	22.7	0.6%	0.42	-1.5%	1,471	1.4%	1,783	2.2%	118,867	1.8%
2037	47.1	0.5%	15.1	0.4%	22.9	0.6%	0.42	-1.5%	1,492	1.4%	1,822	2.2%	121,005	1.8%
2038	47.3	0.5%	15.1	0.4%	23.0	0.6%	0.41	-1.6%	1,513	1.4%	1,861	2.2%	123,172	1.8%
2039	47.6	0.5%	15.2	0.3%	23.1	0.6%	0.40	-1.4%	1,535	1.4%	1,901	2.1%	125,374	1.8%
2040	47.8	0.5%	15.2	0.4%	23.3	0.5%	0.40	-1.4%	1,557	1.4%	1,941	2.1%	127,580	1.8%
Average Percent Change														
2010-2020		0.8%		1.1%		1.7%		1.8%		-0.9%		1.6%		0.5%
2021-2030		0.7%		0.8%		0.8%		-1.3%		1.7%		2.4%		1.6%
2031-2040		0.6%		0.4%		0.6%		-1.4%		1.5%		2.2%		1.8%



Fort Meade

FMPA 2021 Load Forecast - Base Case
Ft. Meade (Full Req'ts)
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	43,569	-	41,264	-	-5.3%	12.3	-	11.0	-	-11.2%	8.4	-	8.4	-	-0.3%
	2012	41,322	-5.2%	41,877	1.5%	1.3%	10.9	-11.5%	10.2	-7.1%	-6.8%	7.8	-7.2%	9.0	6.6%	14.7%
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	8.7	-20.1%	9.0	-11.1%	3.8%	7.8	0.2%	8.2	-8.8%	4.5%
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.3	6.8%	10.6	17.2%	13.9%	7.2	-8.3%	7.0	-14.3%	-2.4%
	2015	42,783	2.9%	42,130	0.5%	-1.5%	10.6	14.2%	10.0	-6.1%	-6.4%	9.4	30.0%	9.3	33.0%	-0.1%
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	7.8	-26.3%	9.5	-4.7%	21.0%	9.4	0.5%	9.3	-0.7%	-1.3%
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	6.7	-14.9%	10.0	4.9%	49.2%	9.2	-1.9%	9.8	6.2%	6.8%
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	76.5%	10.9	9.7%	-7.2%	8.9	-3.3%	9.4	-4.7%	5.2%
	2019	44,148	4.7%	43,063	4.6%	-2.5%	7.2	-38.5%	11.3	3.2%	55.5%	10.0	12.6%	9.8	4.3%	-2.5%
	2020	44,837	1.6%	44,468	3.3%	-0.8%	8.6	18.5%	11.1	-1.5%	29.2%	9.4	-6.2%	9.4	-3.4%	0.4%
Projected	2021	42,881	-4.4%	42,881	-3.6%		10.1	17.4%	10.1	-9.1%		9.2	-2.4%	9.2	-2.8%	
	2022			43,461	1.4%				10.2	1.2%				9.3	1.2%	
	2023			43,868	0.9%				10.3	1.0%				9.4	0.8%	
	2024			44,171	0.7%				10.4	0.5%				9.4	0.2%	
	2025			44,160	0.0%				10.4	0.3%				9.4	0.2%	
	2026			44,270	0.2%				10.4	0.2%				9.4	0.3%	
	2027			44,440	0.4%				10.5	0.4%				9.5	0.4%	
	2028			44,689	0.6%				10.5	0.2%				9.5	0.3%	
	2029			44,724	0.1%				10.5	0.4%				9.5	0.4%	
	2030			44,953	0.5%				10.6	0.5%				9.6	0.6%	
	2031			45,256	0.7%				10.6	0.6%				9.7	0.7%	
	2032			45,695	1.0%				10.7	0.6%				9.7	0.8%	
	2033			45,972	0.6%				10.8	1.0%				9.8	0.8%	
	2034			46,348	0.8%				10.9	0.8%				9.9	0.8%	
	2035			46,742	0.8%				11.0	0.8%				10.0	0.9%	
	2036			47,230	1.0%				11.1	0.7%				10.1	0.8%	
	2037			47,450	0.5%				11.1	0.9%				10.1	0.7%	
	2038			47,795	0.7%				11.2	0.7%				10.2	0.8%	
	2039			48,199	0.8%				11.3	0.9%				10.3	0.8%	
	2040			48,669	1.0%				11.4	0.6%				10.4	0.8%	
CAGR ^[3]	2011-2020		0.3%		0.8%			-3.9%		0.1%			1.2%		1.3%	
	2021-2030				0.5%					0.5%					0.5%	
	2031-2040				0.8%					0.8%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Ft. Meade (Full Req'ts)
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	43,569	-	43,569	-	12.5	9.7	12.5	9.7	12.3	8.4	12.3	8.4
	2012	41,322	-5.2%	41,322	-5.2%	11.0	8.9	11.0	8.9	10.9	7.8	10.9	7.8
	2013	40,645	-1.6%	40,645	-1.6%	9.6	8.8	9.6	8.8	8.7	7.8	8.7	7.8
	2014	41,588	2.3%	41,588	2.3%	9.9	9.4	9.9	9.4	9.3	7.2	9.3	7.2
	2015	42,783	2.9%	41,063	-1.3%	11.1	9.5	10.4	9.2	10.6	9.4	10.3	9.1
	2016	43,483	1.6%	41,176	0.3%	9.7	9.5	9.4	9.2	7.8	9.4	7.5	9.1
	2017	41,077	-5.5%	38,770	-5.8%	8.5	9.7	8.2	9.4	6.7	9.2	6.4	8.9
	2018	42,163	2.6%	40,473	4.4%	11.8	9.3	10.4	9.3	11.8	8.9	10.4	8.9
	2019	44,148	4.7%	44,148	9.1%	8.8	10.0	8.8	10.0	7.2	10.0	7.2	10.0
	2020	44,837	1.6%	43,522	-1.4%	10.0	10.0	10.7	9.8	8.6	9.4	10.4	9.5
Projected	2021	42,881	-4.4%	43,527	0.0%	10.4	9.8	10.7	9.8	10.1	9.2	10.5	9.6
	2022	43,461	1.4%	43,862	0.8%	10.5	9.9	10.8	9.9	10.2	9.3	10.6	9.7
	2023	43,868	0.9%	44,124	0.6%	10.6	10.0	10.9	10.0	10.3	9.4	10.6	9.7
	2024	44,171	0.7%	44,414	0.7%	10.7	10.0	10.9	10.0	10.4	9.4	10.7	9.8
	2025	44,160	0.0%	44,499	0.2%	10.7	10.0	11.0	10.1	10.4	9.4	10.7	9.8
	2026	44,270	0.2%	44,709	0.5%	10.7	10.1	11.0	10.1	10.4	9.4	10.8	9.8
	2027	44,440	0.4%	44,918	0.5%	10.8	10.1	11.1	10.2	10.5	9.5	10.8	9.9
	2028	44,689	0.6%	45,172	0.6%	10.8	10.1	11.1	10.2	10.5	9.5	10.9	9.9
	2029	44,724	0.1%	45,185	0.0%	10.8	10.2	11.1	10.2	10.5	9.5	10.9	9.9
	2030	44,953	0.5%	45,351	0.4%	10.9	10.2	11.2	10.3	10.6	9.6	10.9	10.0
	2031	45,256	0.7%	45,564	0.5%	10.9	10.3	11.2	10.3	10.6	9.7	11.0	10.0
	2032	45,695	1.0%	45,877	0.7%	11.0	10.4	11.3	10.4	10.7	9.7	11.0	10.1
	2033	45,972	0.6%	46,013	0.3%	11.1	10.5	11.3	10.4	10.8	9.8	11.1	10.1
	2034	46,348	0.8%	46,247	0.5%	11.2	10.6	11.4	10.5	10.9	9.9	11.2	10.2
	2035	46,742	0.8%	46,488	0.5%	11.3	10.7	11.4	10.5	11.0	10.0	11.2	10.3
	2036	47,230	1.0%	46,820	0.7%	11.4	10.7	11.5	10.6	11.1	10.1	11.2	10.3
	2037	47,450	0.5%	46,881	0.1%	11.5	10.8	11.6	10.6	11.1	10.1	11.3	10.3
	2038	47,795	0.7%	47,045	0.3%	11.5	10.9	11.6	10.6	11.2	10.2	11.3	10.4
	2039	48,199	0.8%	47,232	0.4%	11.6	11.0	11.6	10.7	11.3	10.3	11.4	10.4
	2040	48,669	1.0%			11.7	11.1			11.4	10.4		
CAGR ^[1]	Historical		0.3%		0.2%	-2.4%	0.4%	-4.3%	0.5%	-3.0%	2.3%	-5.7%	3.6%
	1st 10 Prj Yrs		0.5%		0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
	2nd 10 Prj Yrs		0.8%		0.5%	0.8%	0.8%	0.5%	0.5%	0.8%	0.8%	0.5%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Ft. Meade (Full Req'ts)
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]												
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)							
		Actual (MWh)		Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)		Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)		Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Year																			
Historical	2011	43,569	-	41,264	-	-5.3%	12.3	-	11.0	-	-11.2%	8.4	-	8.4		-0.3%			
	2012	41,322	-5.2%	41,877	1.5%	1.3%	10.9	-11.5%	10.2	-7.1%	-6.8%	7.8	-7.2%	9.0	6.6%	14.7%			
	2013	40,645	-1.6%	41,502	-0.9%	2.1%	8.7	-20.1%	9.0	-11.1%	3.8%	7.8	0.2%	8.2	-8.8%	4.5%			
	2014	41,588	2.3%	41,939	1.1%	0.8%	9.3	6.8%	10.6	17.2%	13.9%	7.2	-8.3%	7.0	-14.3%	-2.4%			
	2015	42,783	2.9%	42,130	0.5%	-1.5%	10.6	14.2%	10.0	-6.1%	-6.4%	9.4	30.0%	9.3	33.0%	-0.1%			
	2016	43,483	1.6%	42,055	-0.2%	-3.3%	7.8	-26.3%	9.5	-4.7%	21.0%	9.4	0.5%	9.3	-0.7%	-1.3%			
	2017	41,077	-5.5%	40,262	-4.3%	-2.0%	6.7	-14.9%	10.0	4.9%	49.2%	9.2	-1.9%	9.8	6.2%	6.8%			
	2018	42,163	2.6%	41,159	2.2%	-2.4%	11.8	76.5%	10.9	9.7%	-7.2%	8.9	-3.3%	9.4	-4.7%	5.2%			
	2019	44,148	4.7%	43,063	4.6%	-2.5%	7.2	-38.5%	11.3	3.2%	55.5%	10.0	12.6%	9.8	4.3%	-2.5%			
2020	44,837	1.6%	43,431	0.9%	-3.1%	8.6	18.5%	11.1	-1.5%	29.2%	9.4	-6.2%	9.4	-3.4%	0.4%				
Projected	2021	42,611	-5.0%	42,611	-1.9%		10.1	17.4%	10.1	-9.1%		9.1	-3.1%	9.1	-3.5%				
	2022			43,115	1.2%				10.2	1.2%				9.2	1.0%				
	2023			43,446	0.8%				10.3	1.0%				9.3	0.6%				
	2024			43,660	0.5%				10.4	0.5%				9.3	0.0%				
	2025			43,550	-0.3%				10.4	0.3%				9.3	-0.1%				
	2026			43,516	-0.1%				10.4	0.2%				9.3	-0.1%				
	2027			43,526	0.0%				10.5	0.4%				9.3	0.0%				
	2028			43,605	0.2%				10.5	0.2%				9.2	-0.1%				
	2029			43,461	-0.3%				10.5	0.4%				9.2	-0.1%				
	2030			43,502	0.1%				10.6	0.5%				9.2	0.1%				
	2031			43,687	0.4%				10.6	0.6%				9.3	0.4%				
	2032			44,002	0.7%				10.7	0.6%				9.3	0.5%				
	2033			44,156	0.4%				10.8	1.0%				9.4	0.6%				
	2034			44,404	0.6%				10.9	0.8%				9.4	0.6%				
	2035			44,661	0.6%				11.0	0.8%				9.5	0.6%				
	2036			45,002	0.8%				11.1	0.7%				9.5	0.5%				
	2037			45,072	0.2%				11.1	0.9%				9.6	0.3%				
	2038			45,256	0.4%				11.2	0.7%				9.6	0.5%				
	2039			45,488	0.5%				11.3	0.9%				9.7	0.5%				
	2040			45,782	0.6%				11.4	0.6%				9.7	0.4%				
CAGR ^[3]	2011-2020		0.3%		0.6%			-3.9%		0.1%			1.2%		1.3%				
	2021-2030				0.2%					0.5%					0.2%				
	2031-2040				0.5%					0.8%					0.5%				

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Ft. Meade (Full Req'ts)
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	3,352	2,749	2,931	3,503	3,914	4,074	4,197	4,324	3,983	3,102	2,804	2,983	41,916	43,569
	2012	3,302	2,894	3,205	3,228	4,044	3,683	4,122	4,175	3,779	3,506	2,756	3,132	41,827	41,322
	2013	2,946	2,895	3,199	3,301	3,511	3,816	3,743	4,154	3,687	3,584	2,922	3,084	40,841	40,645
	2014	3,665	2,769	2,895	3,150	3,796	3,774	4,003	4,259	3,689	3,364	2,910	3,194	41,466	41,588
	2015	3,177	3,022	3,262	3,654	4,054	4,082	4,083	4,087	3,895	3,439	3,277	3,226	43,258	42,783
	2016	3,393	3,091	3,105	3,230	3,814	4,143	4,383	4,308	4,074	3,385	2,742	3,029	42,698	43,483
	2017	3,081	2,612	2,994	3,295	4,046	3,701	4,210	4,440	3,542	3,466	2,766	3,116	41,268	41,077
	2018	3,810	2,843	2,944	3,198	3,450	3,980	4,086	4,302	4,202	3,923	3,193	3,221	43,152	42,163
	2019	3,413	2,740	3,003	3,284	4,216	4,203	4,310	4,375	4,266	4,071	3,046	3,093	44,021	44,148
	2020	3,224	3,034	3,569	3,524	3,801	4,255	4,455	4,568	4,196	3,477	3,013	3,199	44,314	44,837
Projected	2021	3,486	2,853	3,122	3,191	3,847	3,917	4,169	4,251	4,087	3,552	3,048	3,225	42,747	42,611
	2022	3,533	2,888	3,156	3,230	3,891	3,959	4,213	4,294	4,127	3,588	3,075	3,257	43,210	43,115
	2023	3,567	2,913	3,180	3,254	3,919	3,985	4,238	4,320	4,151	3,607	3,092	3,277	43,502	43,446
	2024	3,586	3,018	3,190	3,265	3,928	3,988	4,241	4,319	4,149	3,607	3,090	3,278	43,659	43,660
	2025	3,587	2,928	3,187	3,264	3,928	3,984	4,236	4,314	4,146	3,601	3,085	3,278	43,540	43,550
	2026	3,588	2,929	3,182	3,260	3,926	3,980	4,232	4,311	4,143	3,599	3,082	3,283	43,516	43,516
	2027	3,594	2,934	3,180	3,259	3,927	3,979	4,232	4,312	4,144	3,600	3,081	3,290	43,532	43,526
	2028	3,602	3,030	3,177	3,256	3,925	3,974	4,227	4,306	4,137	3,592	3,072	3,289	43,588	43,605
	2029	3,602	2,938	3,170	3,250	3,921	3,968	4,222	4,302	4,134	3,591	3,069	3,295	43,462	43,461
	2030	3,610	2,945	3,169	3,250	3,925	3,971	4,227	4,309	4,141	3,603	3,078	3,311	43,540	43,502
Projected	2031	3,629	2,960	3,180	3,262	3,942	3,987	4,246	4,329	4,159	3,620	3,090	3,329	43,734	43,687
	2032	3,652	3,070	3,193	3,276	3,961	4,007	4,269	4,352	4,181	3,639	3,104	3,351	44,056	44,002
	2033	3,677	2,997	3,209	3,292	3,983	4,028	4,294	4,378	4,205	3,659	3,119	3,373	44,212	44,156
	2034	3,703	3,017	3,224	3,308	4,004	4,049	4,318	4,402	4,228	3,678	3,133	3,394	44,458	44,404
	2035	3,728	3,037	3,240	3,324	4,027	4,072	4,345	4,430	4,254	3,700	3,149	3,418	44,724	44,661
	2036	3,757	3,153	3,255	3,340	4,048	4,092	4,366	4,451	4,273	3,715	3,159	3,435	45,043	45,002
	2037	3,777	3,073	3,264	3,349	4,061	4,104	4,381	4,467	4,286	3,726	3,165	3,450	45,105	45,072
	2038	3,795	3,088	3,274	3,360	4,078	4,121	4,402	4,489	4,308	3,745	3,179	3,473	45,312	45,256
	2039	3,823	3,109	3,288	3,374	4,098	4,140	4,423	4,510	4,327	3,761	3,190	3,492	45,534	45,488
	2040	3,846	3,223	3,299	3,386	4,115	4,156	4,442	4,530	4,344	3,777	3,200	3,512	45,828	45,782

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.0%	6.6%	7.0%	8.4%	9.3%	9.7%	10.0%	10.3%	9.5%	7.4%	6.7%	7.1%	100.0%
	2012	7.9%	6.9%	7.7%	7.7%	9.7%	8.8%	9.9%	10.0%	9.0%	8.4%	6.6%	7.5%	100.0%
	2013	7.2%	7.1%	7.8%	8.1%	8.6%	9.3%	9.2%	10.2%	9.0%	8.8%	7.2%	7.6%	100.0%
	2014	8.8%	6.7%	7.0%	7.6%	9.2%	9.1%	9.7%	10.3%	8.9%	8.1%	7.0%	7.7%	100.0%
	2015	7.3%	7.0%	7.5%	8.4%	9.4%	9.4%	9.4%	9.4%	9.0%	7.9%	7.6%	7.5%	100.0%
	2016	7.9%	7.2%	7.3%	7.6%	8.9%	9.7%	10.3%	10.1%	9.5%	7.9%	6.4%	7.1%	100.0%
	2017	7.5%	6.3%	7.3%	8.0%	9.8%	9.0%	10.2%	10.8%	8.6%	8.4%	6.7%	7.6%	100.0%
	2018	8.8%	6.6%	6.8%	7.4%	8.0%	9.2%	9.5%	10.0%	9.7%	9.1%	7.4%	7.5%	100.0%
	2019	7.8%	6.2%	6.8%	7.5%	9.6%	9.5%	9.8%	9.9%	9.7%	9.2%	6.9%	7.0%	100.0%
	2020	7.3%	6.8%	8.1%	8.0%	8.6%	9.6%	10.1%	10.3%	9.5%	7.8%	6.8%	7.2%	100.0%
Projected	2021	8.2%	6.7%	7.3%	7.5%	9.0%	9.2%	9.8%	9.9%	9.6%	8.3%	7.1%	7.5%	100.0%
	2022	8.2%	6.7%	7.3%	7.5%	9.0%	9.2%	9.8%	9.9%	9.6%	8.3%	7.1%	7.5%	100.0%
	2023	8.2%	6.7%	7.3%	7.5%	9.0%	9.2%	9.7%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
	2024	8.2%	6.9%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
	2025	8.2%	6.7%	7.3%	7.5%	9.0%	9.2%	9.7%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
	2026	8.2%	6.7%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%
	2027	8.3%	6.7%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.3%	7.1%	7.6%	100.0%
	2028	8.3%	7.0%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.2%	7.0%	7.5%	100.0%
	2029	8.3%	6.8%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.3%	7.1%	7.6%	100.0%
	2030	8.3%	6.8%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.3%	7.1%	7.6%	100.0%
Avg.	2011-2020	7.9%	6.7%	7.3%	7.9%	9.1%	9.3%	9.8%	10.1%	9.2%	8.3%	6.9%	7.4%	100.0%
	2021-2030	8.2%	6.8%	7.3%	7.5%	9.0%	9.1%	9.7%	9.9%	9.5%	8.3%	7.1%	7.5%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12

FMPA 2021 Load Forecast - Base Case
Ft. Meade (Full Req'ts)
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	11.1	8.2	6.5	9.0	8.8	9.7	9.0	9.0	8.7	7.2	7.1	6.5	12.5	9.7
	2012	11.0	10.1	6.8	7.9	8.5	8.7	8.9	8.9	8.2	8.4	6.2	8.3	11.0	8.9
	2013	7.0	8.9	9.6	7.4	7.9	8.8	8.5	8.8	8.6	8.0	7.0	6.7	9.6	8.8
	2014	9.9	6.9	6.0	8.0	8.8	8.5	8.5	9.4	8.5	7.8	7.8	8.0	9.9	9.4
	2015	7.9	11.1	7.5	8.0	9.1	9.5	8.8	9.1	8.8	8.3	7.8	6.8	11.1	9.5
	2016	9.7	9.5	7.4	8.2	8.4	9.2	9.5	9.5	8.8	7.7	6.2	6.6	9.7	9.5
	2017	8.5	6.8	7.3	8.7	9.2	9.1	9.3	9.7	9.1	8.0	6.4	8.5	8.5	9.7
	2018	11.8	7.1	7.0	7.7	8.0	8.7	8.9	9.1	9.3	9.0	7.6	7.9	11.8	9.3
	2019	8.8	7.2	7.3	7.7	9.6	10.0	9.6	9.4	9.7	8.5	7.8	7.0	8.8	10.0
	2020	10.0	7.2	8.6	9.0	9.2	10.0	9.7	9.7	9.9	8.9	7.3	8.1	10.0	10.0
Projected	2021	10.4	8.7	7.7	8.2	9.0	9.5	9.3	9.7	9.2	8.7	7.3	8.2	10.4	9.7
	2022	10.5	8.9	7.8	8.3	9.1	9.6	9.4	9.8	9.3	8.8	7.4	8.3	10.5	9.8
	2023	10.6	8.9	7.9	8.4	9.2	9.7	9.5	9.9	9.4	8.8	7.5	8.3	10.6	9.9
	2024	10.7	9.0	7.9	8.4	9.2	9.7	9.5	9.9	9.4	8.8	7.5	8.4	10.7	9.9
	2025	10.7	9.0	8.0	8.4	9.2	9.7	9.5	9.9	9.4	8.8	7.5	8.4	10.7	9.9
	2026	10.7	9.0	8.0	8.4	9.2	9.6	9.5	9.9	9.4	8.8	7.5	8.4	10.7	9.9
	2027	10.8	9.1	8.0	8.4	9.2	9.6	9.5	9.9	9.4	8.9	7.5	8.4	10.8	9.9
	2028	10.8	9.1	8.0	8.4	9.2	9.6	9.5	9.9	9.4	8.9	7.6	8.5	10.8	9.9
	2029	10.8	9.1	8.0	8.4	9.3	9.6	9.5	9.9	9.4	8.9	7.6	8.5	10.8	9.9
	2030	10.9	9.2	8.1	8.5	9.3	9.6	9.5	9.9	9.4	8.9	7.7	8.6	10.9	9.9
Projected	2031	10.9	9.2	8.1	8.5	9.3	9.7	9.5	9.9	9.4	9.0	7.7	8.6	10.9	9.9
	2032	11.0	9.3	8.2	8.6	9.4	9.7	9.6	10.0	9.5	9.0	7.8	8.7	11.0	10.0
	2033	11.1	9.4	8.3	8.6	9.5	9.8	9.6	10.0	9.5	9.1	7.8	8.8	11.1	10.0
	2034	11.2	9.4	8.3	8.7	9.5	9.9	9.7	10.1	9.6	9.1	7.9	8.8	11.2	10.1
	2035	11.3	9.5	8.4	8.8	9.6	9.9	9.7	10.2	9.6	9.2	8.0	8.9	11.3	10.2
	2036	11.4	9.6	8.5	8.8	9.7	10.0	9.8	10.2	9.7	9.3	8.0	9.0	11.4	10.2
	2037	11.5	9.7	8.5	8.9	9.7	10.0	9.8	10.3	9.7	9.3	8.1	9.0	11.5	10.3
	2038	11.5	9.7	8.6	8.9	9.8	10.0	9.9	10.3	9.8	9.4	8.2	9.1	11.5	10.3
	2039	11.6	9.8	8.7	9.0	9.9	10.1	9.9	10.4	9.8	9.4	8.2	9.2	11.6	10.4
	2040	11.7	9.9	8.7	9.0	9.9	10.1	10.0	10.4	9.8	9.5	8.4	9.3	11.7	10.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	40.5%	50.1%	60.5%	54.3%	59.6%	58.5%	62.6%	64.6%	63.9%	57.9%	54.5%	61.7%	38.3%	51.5%
	2012	40.3%	41.0%	63.6%	56.6%	64.1%	59.1%	62.5%	63.1%	64.0%	56.2%	62.1%	50.9%	43.4%	53.0%
	2013	56.5%	48.4%	44.8%	61.8%	59.4%	60.5%	59.5%	63.3%	59.7%	60.3%	58.0%	61.8%	48.6%	52.6%
	2014	49.5%	59.4%	64.9%	54.4%	58.0%	61.8%	63.3%	61.2%	60.0%	57.6%	52.1%	53.5%	47.6%	50.7%
	2015	54.3%	40.5%	58.1%	63.4%	59.7%	59.6%	62.1%	60.5%	61.6%	55.4%	58.1%	63.3%	44.5%	51.4%
	2016	47.0%	46.5%	56.1%	54.9%	60.9%	62.7%	62.0%	60.8%	64.3%	58.7%	61.9%	61.9%	50.2%	52.2%
	2017	48.5%	56.9%	55.1%	52.5%	59.0%	56.7%	60.7%	61.4%	54.0%	58.5%	60.1%	49.5%	55.2%	48.2%
	2018	43.5%	59.9%	56.4%	58.0%	58.1%	63.2%	61.8%	63.5%	62.7%	58.7%	58.3%	54.9%	41.9%	51.7%
	2019	52.1%	56.6%	55.2%	58.9%	59.0%	58.2%	60.1%	62.8%	61.4%	64.2%	54.3%	59.4%	57.1%	50.2%
	2020	43.3%	60.4%	55.6%	54.4%	55.2%	59.0%	61.7%	63.4%	59.1%	52.6%	57.7%	53.0%	50.6%	51.1%
Projected	2021	45.2%	48.5%	54.4%	53.8%	57.3%	57.3%	60.0%	58.7%	61.5%	55.1%	57.6%	52.8%	47.1%	50.0%
	2022	45.3%	48.5%	54.3%	53.8%	57.3%	57.3%	60.0%	58.7%	61.5%	55.0%	57.6%	52.8%	47.0%	50.1%
	2023	45.2%	48.5%	54.2%	53.9%	57.3%	57.3%	60.0%	58.7%	61.4%	54.9%	57.6%	52.9%	46.8%	50.1%
	2024	45.2%	48.2%	54.1%	54.0%	57.3%	57.3%	60.0%	58.7%	61.4%	54.9%	57.4%	52.7%	46.8%	50.4%
	2025	45.1%	48.3%	53.9%	54.0%	57.3%	57.3%	60.0%	58.6%	61.4%	54.8%	57.1%	52.6%	46.5%	50.3%
	2026	45.0%	48.2%	53.7%	53.8%	57.2%	57.3%	59.9%	58.6%	61.4%	54.7%	56.9%	52.5%	46.4%	50.3%
	2027	44.9%	48.1%	53.5%	53.7%	57.1%	57.3%	59.9%	58.6%	61.4%	54.6%	56.7%	52.5%	46.2%	50.3%
	2028	44.9%	47.9%	53.3%	53.6%	57.0%	57.3%	59.9%	58.6%	61.4%	54.5%	56.3%	52.3%	46.2%	50.4%
	2029	44.7%	47.9%	52.9%	53.5%	56.9%	57.2%	59.9%	58.6%	61.4%	54.4%	56.0%	52.1%	45.9%	50.3%
	2030	44.7%	47.8%	52.7%	53.3%	56.8%	57.2%	59.9%	58.6%	61.4%	54.3%	55.8%	52.0%	45.7%	50.2%
Avg.	2011-2020	47.6%	52.0%	57.0%	56.9%	59.3%	59.9%	61.6%	62.4%	61.1%	58.0%	57.7%	57.0%	47.7%	51.3%
	2021-2030	45.0%	48.2%	53.7%	53.7%	57.2%	57.3%	59.9%	58.6%	61.4%	54.7%	56.9%	52.5%	46.5%	50.2%

FMPA 2021 Load Forecast - Base Case
Ft. Meade (Full Req'ts)
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	11.1	8.1	6.5	8.2	8.1	9.5	8.2	8.4	8.7	7.0	6.6	5.8	12.3	8.4
	2012	10.9	10.1	6.5	7.4	8.1	8.0	7.8	8.3	7.8	7.0	5.3	8.3	10.9	7.8
	2013	6.3	8.9	8.7	6.3	7.6	7.9	7.4	7.8	8.0	7.5	6.6	6.4	8.7	7.8
	2014	9.3	6.8	5.6	7.2	7.8	8.2	7.6	7.2	7.6	7.4	6.9	7.4	9.3	7.2
	2015	7.7	10.6	6.9	7.5	9.1	9.4	8.4	9.0	8.7	8.2	7.8	6.2	10.6	9.4
	2016	9.4	9.5	7.4	8.0	8.0	8.3	9.4	9.3	8.6	7.7	5.3	6.6	7.8	9.4
	2017	8.1	6.3	6.7	8.6	9.2	8.4	8.6	9.2	8.7	7.9	6.2	8.5	6.7	9.2
	2018	11.8	6.3	6.4	7.0	7.4	8.5	8.3	8.9	9.1	8.9	7.2	7.9	11.8	8.9
	2019	8.8	7.2	7.1	7.6	9.6	10.0	8.7	9.2	9.5	8.3	7.8	6.4	7.2	10.0
	2020	10.0	6.5	8.6	8.1	8.7	9.4	9.4	9.3	9.8	8.5	6.8	7.7	8.6	9.4
Projected	2021	10.1	8.4	7.3	7.7	8.6	9.0	8.6	9.1	8.9	8.3	6.9	7.8	10.1	9.1
	2022	10.2	8.5	7.4	7.8	8.7	9.1	8.7	9.2	9.0	8.4	7.0	7.9	10.2	9.2
	2023	10.3	8.6	7.5	7.8	8.8	9.2	8.7	9.3	9.1	8.5	7.0	7.9	10.3	9.3
	2024	10.4	8.7	7.5	7.8	8.8	9.2	8.7	9.3	9.1	8.5	7.0	8.0	10.4	9.3
	2025	10.4	8.7	7.6	7.8	8.8	9.2	8.7	9.3	9.1	8.5	7.0	8.0	10.4	9.3
	2026	10.4	8.7	7.6	7.8	8.8	9.2	8.7	9.3	9.0	8.5	7.0	8.0	10.4	9.3
	2027	10.5	8.7	7.6	7.8	8.8	9.2	8.7	9.3	9.0	8.5	7.1	8.0	10.5	9.3
	2028	10.5	8.8	7.6	7.8	8.8	9.2	8.7	9.2	9.0	8.5	7.1	8.1	10.5	9.2
	2029	10.5	8.8	7.7	7.8	8.8	9.2	8.7	9.2	9.0	8.5	7.1	8.1	10.5	9.2
	2030	10.6	8.8	7.7	7.9	8.9	9.2	8.7	9.2	9.0	8.6	7.2	8.2	10.6	9.2
Projected	2031	10.6	8.9	7.7	7.9	8.9	9.2	8.7	9.3	9.1	8.6	7.2	8.2	10.6	9.3
	2032	10.7	8.9	7.8	8.0	9.0	9.3	8.8	9.3	9.1	8.7	7.3	8.3	10.7	9.3
	2033	10.8	9.0	7.9	8.0	9.0	9.3	8.8	9.4	9.2	8.7	7.3	8.4	10.8	9.4
	2034	10.9	9.1	7.9	8.1	9.1	9.4	8.9	9.4	9.2	8.8	7.4	8.4	10.9	9.4
	2035	11.0	9.2	8.0	8.1	9.2	9.4	8.9	9.5	9.3	8.9	7.5	8.5	11.0	9.5
	2036	11.1	9.3	8.0	8.2	9.2	9.5	9.0	9.5	9.3	8.9	7.5	8.6	11.1	9.5
	2037	11.1	9.3	8.1	8.2	9.3	9.5	9.0	9.6	9.4	8.9	7.6	8.6	11.1	9.6
	2038	11.2	9.4	8.2	8.3	9.3	9.5	9.0	9.6	9.4	9.0	7.6	8.7	11.2	9.6
	2039	11.3	9.5	8.2	8.3	9.4	9.6	9.1	9.7	9.4	9.1	7.7	8.7	11.3	9.7
	2040	11.4	9.5	8.3	8.4	9.4	9.6	9.1	9.7	9.5	9.1	7.8	8.9	11.4	9.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.9%	98.9%	100.0%	91.7%	92.4%	98.4%	90.5%	93.8%	100.0%	96.9%	92.2%	88.8%	98.8%	87.4%
	2012	99.2%	100.0%	95.6%	93.7%	95.6%	92.4%	88.3%	93.1%	95.2%	83.5%	85.2%	100.0%	99.2%	88.0%
	2013	90.0%	100.0%	90.9%	85.3%	95.6%	90.6%	87.1%	88.9%	93.2%	94.0%	94.9%	95.0%	90.9%	88.9%
	2014	93.6%	98.2%	94.2%	89.6%	88.9%	96.8%	89.1%	76.9%	89.4%	93.9%	88.5%	92.8%	93.6%	76.9%
	2015	98.0%	95.8%	91.0%	93.7%	100.0%	98.3%	94.7%	99.2%	99.0%	98.0%	100.0%	91.0%	95.8%	98.3%
	2016	96.6%	100.0%	100.0%	98.3%	95.4%	90.9%	99.0%	97.6%	97.7%	100.0%	85.4%	100.0%	80.7%	98.8%
	2017	94.7%	92.6%	91.3%	98.6%	100.0%	92.9%	92.4%	94.8%	95.5%	98.9%	97.0%	100.0%	78.1%	94.8%
	2018	100.0%	88.7%	90.8%	91.5%	92.9%	97.7%	92.9%	97.9%	97.5%	98.7%	95.3%	100.0%	100.0%	95.8%
	2019	100.0%	100.0%	97.6%	98.6%	99.8%	100.0%	90.4%	97.7%	98.7%	97.6%	100.0%	91.7%	82.2%	100.0%
	2020	100.0%	90.0%	99.5%	89.7%	93.6%	93.9%	96.4%	95.7%	99.9%	96.1%	93.7%	95.4%	85.8%	93.9%
Projected	2021	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2022	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2023	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2024	97.2%	96.4%	95.1%	93.0%	95.4%	95.2%	91.9%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2025	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.6%	96.1%	93.7%	95.4%	97.2%	93.7%
	2026	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%
	2027	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2028	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2029	97.2%	96.4%	95.1%	92.9%	95.3%	95.1%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2030	97.2%	96.4%	95.1%	92.9%	95.3%	95.0%	91.7%	93.6%	96.5%	96.1%	93.7%	95.4%	97.2%	93.6%
	2011-2020	97.2%	96.4%	95.1%	93.1%	95.4%	95.2%	92.1%	93.6%	96.6%	95.8%	93.2%	95.5%	90.5%	92.3%
	2021-2030	97.2%	96.4%	95.1%	93.0%	95.4%	95.1%	91.8%	93.7%	96.5%	96.1%	93.7%	95.4%	97.2%	93.7%

FMPA 2021 Load Forecast - Base Case - Ft Meade

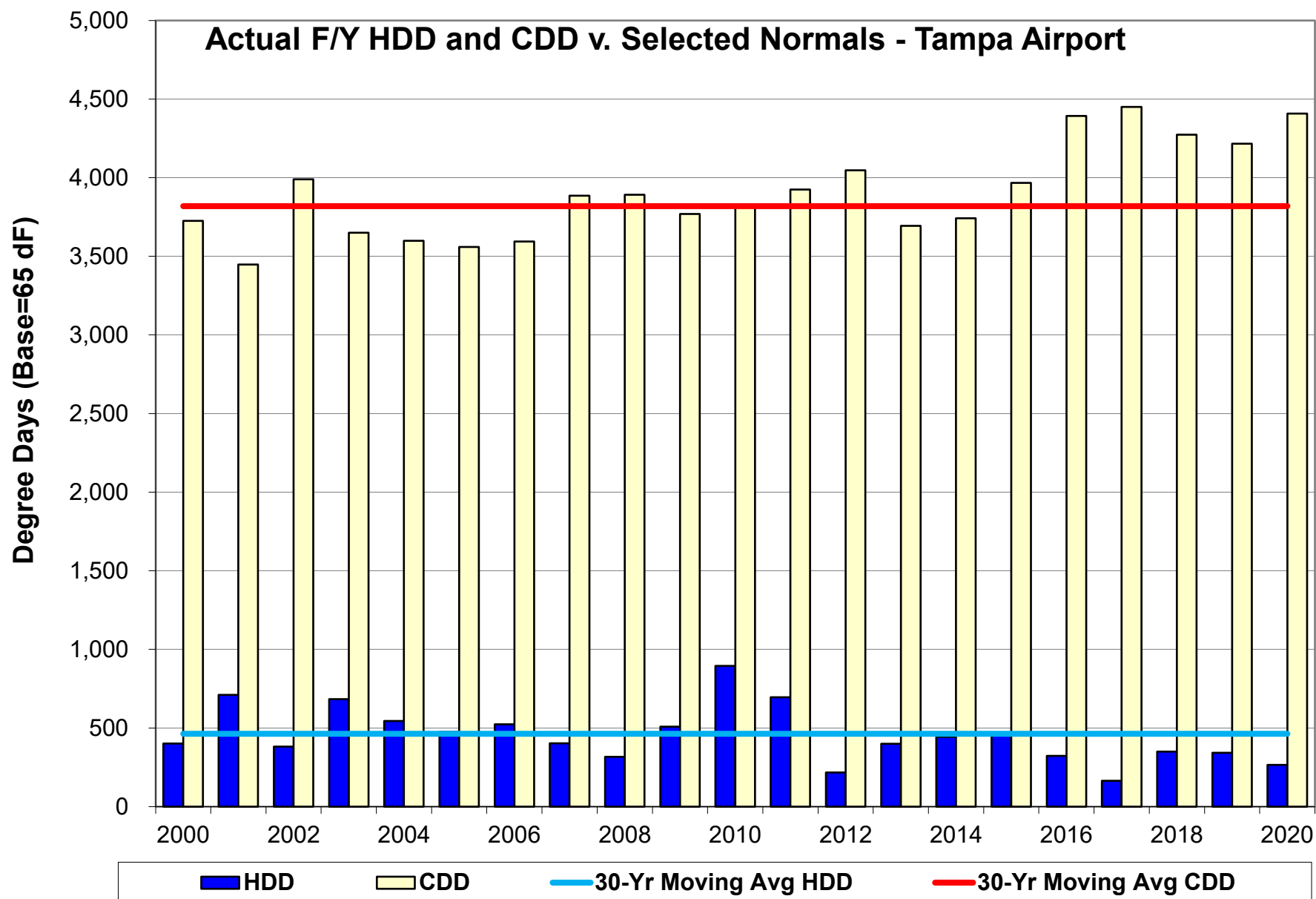
Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2011-2040)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	27,574		2,339		11,788		13,249		341		38.9		40,824		2,746	6.3%	43,569	
	2012	25,433	-7.8%	2,329	-0.4%	10,921	-7.4%	13,293	0.3%	338	-0.7%	39.3	1.1%	38,726	-5.1%	2,596	6.3%	41,322	-5.2%
	2013	25,483	0.2%	2,385	2.4%	10,686	-2.2%	12,958	-2.5%	334	-1.2%	38.8	-1.4%	38,441	-0.7%	2,205	5.4%	40,645	-1.6%
	2014	26,215	2.9%	2,374	-0.4%	11,042	3.3%	13,344	3.0%	335	0.2%	39.9	2.8%	39,559	2.9%	2,029	4.9%	41,588	2.3%
	2015	27,135	3.5%	2,381	0.3%	11,396	3.2%	13,389	0.3%	320	-4.4%	41.8	5.0%	40,523	2.4%	2,260	5.3%	42,783	2.9%
	2016	28,004	3.2%	2,378	-0.2%	11,778	3.4%	12,971	-3.1%	318	-0.7%	40.8	-2.5%	40,975	1.1%	2,509	5.8%	43,483	1.6%
	2017	27,230	-2.8%	2,352	-1.1%	11,577	-1.7%	12,277	-5.4%	316	-0.6%	38.8	-4.8%	39,506	-3.6%	1,571	3.8%	41,077	-5.5%
	2018	27,184	-0.2%	2,338	-0.6%	11,627	0.4%	12,176	-0.8%	313	-1.1%	38.9	0.3%	39,360	-0.4%	2,803	6.6%	42,163	2.6%
	2019	28,771	5.8%	2,362	1.0%	12,180	4.8%	13,385	9.9%	312	-0.3%	42.9	10.2%	42,156	7.1%	1,992	4.5%	44,148	4.7%
	2020	29,414	2.2%	2,372	0.4%	12,403	1.8%	13,453	0.5%	318	2.0%	42.3	-1.4%	42,867	1.7%	1,970	4.4%	44,837	1.6%
Projected	2021	28,432	-3.3%	2,391	0.8%	11,891	-4.1%	12,678	-5.8%	313	-1.5%	40.5	-4.3%	41,111	-4.1%	1,771	4.1%	42,881	-4.4%
	2022	28,629	0.7%	2,403	0.5%	11,913	0.2%	12,952	2.2%	315	0.7%	41.1	1.5%	41,581	1.1%	1,880	4.3%	43,461	1.4%
	2023	28,856	0.8%	2,415	0.5%	11,951	0.3%	13,116	1.3%	316	0.3%	41.5	1.0%	41,972	0.9%	1,897	4.3%	43,868	0.9%
	2024	28,863	0.0%	2,425	0.4%	11,902	-0.4%	13,311	1.5%	317	0.1%	42.0	1.3%	42,174	0.5%	1,997	4.5%	44,171	0.7%
	2025	28,801	-0.2%	2,435	0.4%	11,827	-0.6%	13,451	1.1%	317	0.1%	42.4	1.0%	42,252	0.2%	1,908	4.3%	44,160	0.0%
	2026	28,837	0.1%	2,445	0.4%	11,796	-0.3%	13,520	0.5%	317	0.0%	42.6	0.5%	42,357	0.2%	1,913	4.3%	44,270	0.2%
	2027	28,961	0.4%	2,454	0.4%	11,804	0.1%	13,558	0.3%	317	0.0%	42.8	0.3%	42,519	0.4%	1,921	4.3%	44,440	0.4%
	2028	29,085	0.4%	2,462	0.3%	11,814	0.1%	13,583	0.2%	317	0.0%	42.8	0.2%	42,669	0.4%	2,021	4.5%	44,689	0.6%
	2029	29,187	0.3%	2,470	0.3%	11,815	0.0%	13,604	0.1%	317	0.0%	42.9	0.1%	42,791	0.3%	1,933	4.3%	44,724	0.1%
	2030	29,388	0.7%	2,478	0.3%	11,858	0.4%	13,622	0.1%	317	0.0%	42.9	0.1%	43,010	0.5%	1,943	4.3%	44,953	0.5%
	2031	29,660	0.9%	2,486	0.3%	11,933	0.6%	13,639	0.1%	317	0.0%	43.0	0.1%	43,299	0.7%	1,956	4.3%	45,256	0.7%
	2032	29,972	1.1%	2,493	0.3%	12,025	0.8%	13,656	0.1%	317	0.0%	43.1	0.1%	43,629	0.8%	2,067	4.5%	45,695	1.0%
	2033	30,311	1.1%	2,499	0.3%	12,128	0.9%	13,673	0.1%	317	0.0%	43.1	0.1%	43,984	0.8%	1,987	4.3%	45,972	0.6%
	2034	30,656	1.1%	2,506	0.3%	12,235	0.9%	13,689	0.1%	317	0.0%	43.2	0.1%	44,345	0.8%	2,004	4.3%	46,348	0.8%
	2035	31,016	1.2%	2,512	0.2%	12,348	0.9%	13,705	0.1%	317	0.0%	43.2	0.1%	44,721	0.8%	2,021	4.3%	46,742	0.8%
	2036	31,373	1.2%	2,518	0.2%	12,461	0.9%	13,721	0.1%	317	0.0%	43.2	0.1%	45,095	0.8%	2,136	4.5%	47,230	1.0%
	2037	31,662	0.9%	2,524	0.2%	12,547	0.7%	13,737	0.1%	317	0.0%	43.3	0.1%	45,400	0.7%	2,051	4.3%	47,450	0.5%
	2038	31,977	1.0%	2,529	0.2%	12,643	0.8%	13,753	0.1%	317	0.0%	43.3	0.1%	45,730	0.7%	2,066	4.3%	47,795	0.7%
	2039	32,348	1.2%	2,535	0.2%	12,762	0.9%	13,768	0.1%	317	0.0%	43.4	0.1%	46,116	0.8%	2,083	4.3%	48,199	0.8%
	2040	32,685	1.0%	2,540	0.2%	12,868	0.8%	13,783	0.1%	317	0.0%	43.4	0.1%	46,469	0.8%	2,200	4.5%	48,669	1.0%
CAGR	2011-2020		0.7%		0.2%		0.6%		0.2%		-0.8%		0.9%		0.5%		5.3%		0.3%
	2021-2030		0.4%		0.4%		0.0%		0.8%		0.1%		0.7%		0.5%		4.3%		0.5%
	2031-2040		1.1%		0.2%		0.8%		0.1%		0.0%		0.1%		0.8%		4.4%		0.8%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Fort Meade (Polk County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	485.5	-	187.8	-	234.6	-	18.82	-	15,794	-	15,019	-	79,952	-
2001	492.9	1.5%	193.9	3.2%	232.8	-0.7%	18.07	-4.0%	16,252	2.9%	15,919	6.0%	82,085	2.7%
2002	501.5	1.7%	196.2	1.2%	235.4	1.1%	17.63	-2.5%	16,915	4.1%	16,003	0.5%	81,557	-0.6%
2003	513.1	2.3%	201.3	2.6%	238.7	1.4%	17.49	-0.8%	17,496	3.4%	16,544	3.4%	82,190	0.8%
2004	527.7	2.9%	205.3	2.0%	249.8	4.6%	17.65	0.9%	18,434	5.4%	17,427	5.3%	84,898	3.3%
2005	547.4	3.7%	212.3	3.4%	266.2	6.6%	18.97	7.5%	19,605	6.4%	18,520	6.3%	87,235	2.8%
2006	568.3	3.8%	219.2	3.2%	275.0	3.3%	18.70	-1.4%	21,113	7.7%	18,849	1.8%	86,007	-1.4%
2007	586.0	3.1%	225.9	3.1%	276.6	0.6%	18.41	-1.5%	21,559	2.1%	19,124	1.5%	84,669	-1.6%
2008	594.8	1.5%	227.4	0.7%	268.5	-2.9%	17.15	-6.8%	20,799	-3.5%	19,079	-0.2%	83,911	-0.9%
2009	598.7	0.7%	226.8	-0.3%	258.2	-3.8%	15.67	-8.6%	20,232	-2.7%	18,318	-4.0%	80,777	-3.7%
2010	603.1	0.7%	227.8	0.5%	255.7	-1.0%	14.92	-4.8%	20,028	-1.0%	19,199	4.8%	84,273	4.3%
2011	609.9	1.1%	229.9	0.9%	258.2	1.0%	15.07	1.1%	19,790	-1.2%	19,797	3.1%	86,116	2.2%
2012	615.5	0.9%	231.9	0.9%	261.8	1.4%	15.30	1.5%	19,902	0.6%	19,566	-1.2%	84,370	-2.0%
2013	622.7	1.2%	231.5	-0.2%	267.0	2.0%	16.73	9.4%	20,214	1.6%	19,363	-1.0%	83,658	-0.8%
2014	634.5	1.9%	233.8	1.0%	273.8	2.6%	17.42	4.1%	19,768	-2.2%	20,118	3.9%	86,039	2.8%
2015	648.8	2.2%	237.9	1.7%	281.0	2.6%	17.63	1.2%	21,156	7.0%	21,096	4.9%	88,680	3.1%
2016	666.2	2.7%	241.4	1.5%	287.2	2.2%	18.24	3.5%	21,690	2.5%	21,335	1.1%	88,373	-0.3%
2017	685.8	2.9%	242.0	0.2%	301.1	4.8%	18.46	1.2%	22,616	4.3%	22,395	5.0%	92,544	4.7%
2018	708.0	3.2%	244.9	1.2%	310.4	3.1%	19.00	2.9%	23,365	3.3%	23,218	3.7%	94,818	2.5%
2019	716.6	1.2%	249.9	2.1%	316.4	1.9%	19.19	1.0%	24,054	2.9%	24,028	3.5%	96,151	1.4%
2020	725.7	1.3%	254.7	1.9%	320.7	1.3%	19.26	0.3%	24,694	2.7%	24,800	3.2%	97,372	1.3%
2021	735.0	1.3%	259.5	1.9%	325.3	1.4%	19.38	0.6%	25,366	2.7%	25,585	3.2%	98,610	1.3%
2022	744.1	1.2%	263.9	1.7%	330.6	1.6%	19.41	0.2%	26,032	2.6%	26,395	3.2%	100,036	1.4%
2023	753.2	1.2%	268.0	1.6%	335.6	1.5%	19.49	0.4%	26,695	2.5%	27,207	3.1%	101,517	1.5%
2024	762.3	1.2%	272.0	1.5%	340.0	1.3%	19.58	0.4%	27,364	2.5%	27,993	2.9%	102,926	1.4%
2025	771.5	1.2%	275.8	1.4%	344.2	1.2%	19.64	0.3%	28,037	2.5%	28,781	2.8%	104,361	1.4%
2026	780.4	1.2%	279.4	1.3%	348.3	1.2%	19.71	0.3%	28,707	2.4%	29,573	2.8%	105,855	1.4%
2027	789.3	1.1%	282.8	1.2%	352.1	1.1%	19.77	0.3%	29,383	2.4%	30,394	2.8%	107,457	1.5%
2028	798.2	1.1%	286.2	1.2%	355.8	1.1%	19.83	0.3%	30,066	2.3%	31,221	2.7%	109,081	1.5%
2029	807.1	1.1%	289.5	1.1%	359.7	1.1%	19.89	0.3%	30,755	2.3%	32,063	2.7%	110,773	1.6%
2030	815.9	1.1%	292.6	1.1%	363.3	1.0%	19.96	0.3%	31,451	2.3%	32,901	2.6%	112,462	1.5%
2031	824.5	1.1%	295.5	1.0%	367.3	1.1%	20.02	0.3%	32,145	2.2%	33,772	2.6%	114,295	1.6%
2032	833.1	1.0%	298.3	1.0%	371.4	1.1%	20.07	0.3%	32,846	2.2%	34,663	2.6%	116,204	1.7%
2033	841.6	1.0%	301.0	0.9%	375.0	1.0%	20.13	0.3%	33,552	2.2%	35,553	2.6%	118,111	1.6%
2034	850.1	1.0%	303.7	0.9%	378.3	0.9%	20.18	0.3%	34,265	2.1%	36,457	2.5%	120,058	1.6%
2035	858.5	1.0%	306.2	0.8%	381.7	0.9%	20.24	0.3%	34,985	2.1%	37,380	2.5%	122,064	1.7%
2036	866.7	1.0%	308.7	0.8%	385.1	0.9%	20.29	0.3%	35,705	2.1%	38,313	2.5%	124,107	1.7%
2037	874.9	0.9%	311.1	0.8%	388.3	0.8%	20.34	0.3%	36,432	2.0%	39,229	2.4%	126,084	1.6%
2038	882.9	0.9%	313.5	0.8%	391.5	0.8%	20.40	0.3%	37,164	2.0%	40,180	2.4%	128,164	1.6%
2039	890.9	0.9%	315.9	0.7%	394.7	0.8%	20.45	0.3%	37,902	2.0%	41,154	2.4%	130,295	1.7%
2040	898.9	0.9%	318.2	0.7%	397.8	0.8%	20.50	0.2%	38,645	2.0%	42,122	2.4%	132,371	1.6%
Average Percent Change														
2010-2020		1.9%		1.1%		2.3%		2.6%		2.1%		2.6%		1.5%
2021-2030		1.2%		1.3%		1.2%		0.3%		2.4%		2.8%		1.5%
2031-2040		1.0%		0.8%		0.9%		0.3%		2.1%		2.5%		1.6%



Fort Pierce

FMPA 2021 Load Forecast - Base Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Year		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	99.4	-	-13.4%	99.6	-	106.1		6.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	96.0	-3.4%	-1.1%	97.0	-2.6%	108.8	2.6%	12.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	76.2	-20.6%	-12.1%	100.9	4.0%	105.6	-2.9%	4.7%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	103.0	35.1%	15.5%	103.2	2.4%	101.2	-4.2%	-1.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	74.0	-28.2%	-27.3%	103.4	0.2%	96.2	-5.0%	-7.0%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	96.1	-5.6%	87.5	18.2%	-9.0%	109.8	6.2%	106.1	10.3%	-3.4%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	85.4	-11.1%	80.0	-8.6%	-6.4%	111.8	1.8%	115.7	9.0%	3.5%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	92.9	8.8%	82.3	2.9%	-11.5%	111.2	-0.6%	116.7	0.9%	5.0%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	92.1	-0.8%	102.8	24.9%	11.5%	110.1	-0.9%	107.5	-7.9%	-2.4%
	2020	588,692	1.8%	581,926	2.0%	-1.1%	92.0	-0.2%	99.5	-3.2%	8.1%	114.4	3.9%	110.8	3.1%	-3.1%
Projected	2021	600,697	2.0%	600,697	3.2%		92.7	0.7%	92.7	-6.8%		112.9	-1.3%	112.9	1.9%	
	2022			601,726	0.2%				93.3	0.7%				113.0	0.1%	
	2023			600,744	-0.2%				93.5	0.2%				112.4	-0.5%	
	2024			599,709	-0.2%				93.1	-0.4%				112.0	-0.4%	
	2025			596,861	-0.5%				92.8	-0.3%				111.8	-0.2%	
	2026			596,257	-0.1%				92.7	-0.1%				111.7	-0.1%	
	2027			596,979	0.1%				92.7	0.0%				112.0	0.2%	
	2028			601,097	0.7%				93.1	0.5%				112.5	0.5%	
	2029			602,576	0.2%				93.6	0.4%				113.1	0.5%	
	2030			605,515	0.5%				94.0	0.4%				113.7	0.5%	
	2031			608,799	0.5%				94.5	0.5%				114.3	0.6%	
	2032			614,003	0.9%				95.1	0.6%				115.1	0.7%	
	2033			616,729	0.4%				95.6	0.6%				116.0	0.7%	
	2034			621,169	0.7%				96.3	0.7%				116.8	0.7%	
	2035			625,699	0.7%				97.0	0.7%				117.7	0.8%	
	2036			631,593	0.9%				97.8	0.8%				118.5	0.6%	
	2037			633,376	0.3%				98.2	0.4%				119.1	0.6%	
	2038			636,674	0.5%				98.7	0.5%				119.8	0.5%	
	2039			639,850	0.5%				99.2	0.5%				120.4	0.6%	
	2040			645,151	0.8%				99.8	0.6%				121.1	0.6%	
CAGR ^[3]	2011-2020		0.7%		0.6%			-2.4%		0.0%			1.6%		0.5%	
	2021-2030				0.1%					0.2%					0.1%	
	2031-2040				0.6%					0.6%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Ft. Pierce

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	552,427	-	552,427	-	114.8	104.3	114.8	104.3	114.8	99.6	114.8	99.6
	2012	537,115	-2.8%	537,115	-2.8%	97.0	103.3	97.0	103.3	97.0	97.0	97.0	97.0
	2013	532,037	-0.9%	532,037	-0.9%	86.7	103.7	86.7	103.7	86.7	100.9	86.7	100.9
	2014	544,750	2.4%	544,750	2.4%	89.2	105.5	89.2	105.5	89.2	103.2	89.2	103.2
	2015	559,062	2.6%	559,062	2.6%	101.8	107.2	101.8	107.2	101.8	103.4	101.8	103.4
	2016	583,151	4.3%	583,151	4.3%	97.7	111.7	97.7	111.7	96.1	109.8	96.1	109.8
	2017	569,635	-2.3%	569,635	-2.3%	88.5	111.8	88.5	111.8	85.4	111.8	85.4	111.8
	2018	572,718	0.5%	572,718	0.5%	101.0	111.6	101.0	111.6	92.9	111.2	92.9	111.2
	2019	578,050	0.9%	578,050	0.9%	93.9	112.6	93.9	112.6	92.1	110.1	92.1	110.1
	2020	588,692	1.8%	591,240	2.3%	96.5	116.4	99.8	113.0	92.0	114.4	92.9	110.3
Projected	2021	600,697	2.0%	591,337	0.0%	99.8	115.6	100.2	113.3	92.7	112.9	93.3	110.6
	2022	601,726	0.2%	592,274	0.2%	100.5	115.7	100.6	113.4	93.3	113.0	93.6	110.7
	2023	600,744	-0.2%	593,847	0.3%	100.6	115.1	100.9	113.7	93.5	112.4	93.9	110.9
	2024	599,709	-0.2%	596,436	0.4%	100.3	114.7	101.1	113.9	93.1	112.0	94.1	111.2
	2025	596,861	-0.5%	596,716	0.0%	99.9	114.4	101.3	114.3	92.8	111.8	94.3	111.6
	2026	596,257	-0.1%	598,797	0.3%	99.8	114.4	101.7	114.7	92.7	111.7	94.6	111.9
	2027	596,979	0.1%	600,666	0.3%	99.8	114.6	102.0	115.1	92.7	112.0	94.9	112.3
	2028	601,097	0.7%	604,151	0.6%	100.3	115.2	102.4	115.5	93.1	112.5	95.3	112.7
	2029	602,576	0.2%	604,284	0.0%	100.7	115.8	102.6	115.8	93.6	113.1	95.5	113.0
	2030	605,515	0.5%	605,818	0.3%	101.2	116.4	102.8	116.2	94.0	113.7	95.7	113.3
	2031	608,799	0.5%	608,298	0.4%	101.7	117.1	103.2	116.7	94.5	114.3	96.1	113.9
	2032	614,003	0.9%	612,949	0.8%	102.4	117.8	103.8	117.3	95.1	115.1	96.6	114.5
	2033	616,729	0.4%	614,594	0.3%	103.0	118.7	104.2	117.9	95.6	116.0	97.0	115.1
	2034	621,169	0.7%	617,666	0.5%	103.7	119.6	104.8	118.5	96.3	116.8	97.5	115.7
	2035	625,699	0.7%	620,889	0.5%	104.4	120.5	105.3	119.2	97.0	117.7	98.0	116.3
	2036	631,593	0.9%	625,477	0.7%	105.3	121.3	105.9	119.7	97.8	118.5	98.6	116.8
	2037	633,376	0.3%	625,972	0.1%	105.7	122.0	106.2	120.1	98.2	119.1	98.8	117.2
	2038	636,674	0.5%	628,171	0.4%	106.3	122.6	106.6	120.5	98.7	119.8	99.2	117.6
	2039	639,850	0.5%	630,271	0.3%	106.8	123.3	106.9	121.0	99.2	120.4	99.5	118.1
	2040	645,151	0.8%			107.5	124.0			99.8	121.1		
CAGR ^[1]	Historical		0.7%		0.6%	-1.9%	1.2%	-2.5%	1.0%	-0.7%	2.1%	-0.7%	1.8%
	1st 10 Prj Yrs		0.1%		0.2%	0.2%	0.1%	0.3%	0.3%	0.2%	0.1%	0.3%	0.3%
	2nd 10 Prj Yrs		0.6%		0.4%	0.6%	0.6%	0.4%	0.5%	0.6%	0.6%	0.4%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Ft. Pierce

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	552,427	-	549,115	-	-0.6%	114.8	-	99.4	-	-13.4%	99.6	-	106.1		6.5%
	2012	537,115	-2.8%	544,172	-0.9%	1.3%	97.0	-15.5%	96.0	-3.4%	-1.1%	97.0	-2.6%	108.8	2.6%	12.3%
	2013	532,037	-0.9%	538,194	-1.1%	1.2%	86.7	-10.7%	76.2	-20.6%	-12.1%	100.9	4.0%	105.6	-2.9%	4.7%
	2014	544,750	2.4%	545,638	1.4%	0.2%	89.2	2.9%	103.0	35.1%	15.5%	103.2	2.4%	101.2	-4.2%	-1.9%
	2015	559,062	2.6%	551,184	1.0%	-1.4%	101.8	14.2%	74.0	-28.2%	-27.3%	103.4	0.2%	96.2	-5.0%	-7.0%
	2016	583,151	4.3%	574,181	4.2%	-1.5%	96.1	-5.6%	87.5	18.2%	-9.0%	109.8	6.2%	106.1	10.3%	-3.4%
	2017	569,635	-2.3%	561,803	-2.2%	-1.4%	85.4	-11.1%	80.0	-8.6%	-6.4%	111.8	1.8%	115.7	9.0%	3.5%
	2018	572,718	0.5%	569,778	1.4%	-0.5%	92.9	8.8%	82.3	2.9%	-11.5%	111.2	-0.6%	116.7	0.9%	5.0%
	2019	578,050	0.9%	570,407	0.1%	-1.3%	92.1	-0.8%	102.8	24.9%	11.5%	110.1	-0.9%	107.5	-7.9%	-2.4%
	2020	588,692	1.8%	578,642	1.4%	-1.7%	92.0	-0.2%	99.5	-3.2%	8.1%	114.4	3.9%	110.8	3.1%	-3.1%
Projected	2021	600,345	2.0%	600,345	3.8%		92.7	0.7%	92.7	-6.8%		112.8	-1.4%	112.8	1.8%	
	2022			601,266	0.2%				93.3	0.7%				112.9	0.1%	
	2023			600,175	-0.2%				93.5	0.2%				112.3	-0.5%	
	2024			599,015	-0.2%				93.1	-0.4%				111.8	-0.4%	
	2025			596,031	-0.5%				92.8	-0.3%				111.6	-0.2%	
	2026			595,236	-0.1%				92.7	-0.1%				111.5	-0.1%	
	2027			595,750	0.1%				92.7	0.0%				111.7	0.2%	
	2028			599,643	0.7%				93.1	0.5%				112.2	0.5%	
	2029			600,890	0.2%				93.6	0.4%				112.7	0.4%	
	2030			603,585	0.4%				94.0	0.4%				113.3	0.5%	
	2031			606,711	0.5%				94.5	0.5%				113.8	0.5%	
	2032			611,748	0.8%				95.1	0.6%				114.6	0.6%	
	2033			614,311	0.4%				95.6	0.6%				115.4	0.7%	
	2034			618,584	0.7%				96.3	0.7%				116.2	0.7%	
	2035			622,952	0.7%				97.0	0.7%				117.1	0.7%	
	2036			628,657	0.9%				97.8	0.8%				117.8	0.6%	
	2037			630,244	0.3%				98.2	0.4%				118.4	0.5%	
	2038			633,334	0.5%				98.7	0.5%				119.0	0.5%	
	2039			636,287	0.5%				99.2	0.5%				119.6	0.5%	
	2040			641,359	0.8%				99.8	0.6%				120.2	0.6%	
CAGR ^[3]	2011-2020		0.7%		0.6%			-2.4%		0.0%			1.6%		0.5%	
	2021-2030				0.1%					0.2%					0.0%	
	2031-2040				0.6%					0.6%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Ft. Pierce
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	39,989	35,444	39,789	44,186	48,823	51,723	55,193	55,783	50,915	43,756	39,505	38,611	543,717	552,427
	2012	40,289	37,959	42,245	41,208	48,485	48,630	53,967	53,597	48,864	46,590	36,378	38,798	537,009	537,115
	2013	38,862	36,703	39,531	43,013	45,811	50,571	50,494	55,584	49,703	47,956	40,594	39,269	538,090	532,037
	2014	41,266	36,491	39,550	42,999	49,051	49,104	52,521	56,213	49,737	46,418	37,633	39,506	540,489	544,750
	2015	39,271	36,281	43,675	47,356	51,177	54,226	55,367	55,498	52,653	48,565	46,117	43,886	574,073	559,062
	2016	40,643	38,560	43,189	43,820	49,515	54,253	61,309	59,072	54,220	48,041	39,816	42,331	574,770	583,151
	2017	41,027	36,811	41,794	45,276	52,452	52,155	58,048	59,507	52,377	50,982	41,334	41,290	573,055	569,635
	2018	43,109	39,736	40,177	43,551	47,273	52,662	57,741	58,485	56,377	53,557	43,271	40,240	576,179	572,718
	2019	40,509	38,311	41,264	45,160	52,488	54,795	57,839	56,736	53,881	53,807	40,981	39,938	575,707	578,050
	2020	40,859	39,783	46,452	44,840	49,227	55,498	59,308	60,912	57,087	54,111	43,189	42,043	593,309	588,692
Projected	2021	45,123	42,046	44,928	45,786	51,502	54,844	59,800	61,649	55,326	53,133	43,550	42,305	599,990	600,345
	2022	45,449	42,326	45,160	45,884	51,549	54,917	59,860	61,644	55,492	53,313	43,749	42,508	601,848	601,266
	2023	45,517	42,292	45,082	45,752	51,305	54,617	59,485	61,298	55,257	53,030	43,533	42,303	599,471	600,175
	2024	45,292	43,638	44,872	45,577	51,093	54,356	59,255	61,044	55,022	52,873	43,411	42,192	598,626	599,015
	2025	45,167	41,968	44,771	45,477	50,983	54,234	59,125	60,916	54,912	52,775	43,339	42,133	595,803	596,031
	2026	45,102	41,910	44,705	45,413	50,915	54,165	59,057	60,855	54,865	52,742	43,316	42,127	595,173	595,236
	2027	45,111	41,930	44,727	45,449	50,972	54,241	59,160	60,982	54,993	52,876	43,429	42,256	596,126	595,750
	2028	45,267	43,649	44,887	45,624	51,184	54,481	59,441	61,282	55,268	53,142	43,639	42,467	600,331	599,643
	2029	45,498	42,296	45,086	45,828	51,415	54,729	59,714	61,562	55,513	53,370	43,811	42,639	601,462	600,890
	2030	45,694	42,481	45,268	46,020	51,641	54,981	60,007	61,875	55,799	53,653	44,033	42,860	604,310	603,585
Projected	2031	45,941	42,706	45,483	46,244	51,895	55,263	60,325	62,211	56,098	53,933	44,250	43,075	607,424	606,711
	2032	46,188	44,535	45,716	46,490	52,187	55,592	60,702	62,613	56,467	54,284	44,528	43,351	612,653	611,748
	2033	46,501	43,233	46,008	46,796	52,539	55,981	61,141	63,070	56,878	54,672	44,830	43,645	615,295	614,311
	2034	46,828	43,536	46,307	47,105	52,893	56,370	61,578	63,529	57,289	55,058	45,130	43,938	619,564	618,584
	2035	47,158	43,842	46,611	47,421	53,258	56,773	62,034	64,008	57,721	55,464	45,447	44,249	623,985	622,952
	2036	47,497	45,787	46,904	47,717	53,588	57,127	62,420	64,399	58,059	55,768	45,673	44,464	629,403	628,657
	2037	47,739	44,373	47,122	47,945	53,853	57,421	62,755	64,752	58,377	56,067	45,903	44,692	631,002	630,244
	2038	47,992	44,603	47,337	48,165	54,102	57,693	63,059	65,067	58,653	56,321	46,093	44,878	633,962	633,334
	2039	48,208	44,805	47,531	48,372	54,347	57,971	63,381	65,413	58,968	56,619	46,323	45,108	637,046	636,287
	2040	48,470	46,721	47,761	48,613	54,627	58,284	63,739	65,789	59,305	56,933	46,561	45,343	642,146	641,359

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.4%	6.5%	7.3%	8.1%	9.0%	9.5%	10.2%	10.3%	9.4%	8.0%	7.3%	7.1%	100.0%
	2012	7.5%	7.1%	7.9%	7.7%	9.0%	9.1%	10.0%	10.0%	9.1%	8.7%	6.8%	7.2%	100.0%
	2013	7.2%	6.8%	7.3%	8.0%	8.5%	9.4%	9.4%	10.3%	9.2%	8.9%	7.5%	7.3%	100.0%
	2014	7.6%	6.8%	7.3%	8.0%	9.1%	9.1%	9.7%	10.4%	9.2%	8.6%	7.0%	7.3%	100.0%
	2015	6.8%	6.3%	7.6%	8.2%	8.9%	9.4%	9.6%	9.7%	9.2%	8.5%	8.0%	7.6%	100.0%
	2016	7.1%	6.7%	7.5%	7.6%	8.6%	9.4%	10.7%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
	2017	7.2%	6.4%	7.3%	7.9%	9.2%	9.1%	10.1%	10.4%	9.1%	8.9%	7.2%	7.2%	100.0%
	2018	7.5%	6.9%	7.0%	7.6%	8.2%	9.1%	10.0%	10.2%	9.8%	9.3%	7.5%	7.0%	100.0%
	2019	7.0%	6.7%	7.2%	7.8%	9.1%	9.5%	10.0%	9.9%	9.4%	9.3%	7.1%	6.9%	100.0%
	2020	6.9%	6.7%	7.8%	7.6%	8.3%	9.4%	10.0%	10.3%	9.6%	9.1%	7.3%	7.1%	100.0%
Projected	2021	7.5%	7.0%	7.5%	7.6%	8.6%	9.1%	10.0%	10.3%	9.2%	8.9%	7.3%	7.1%	100.0%
	2022	7.6%	7.0%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2023	7.6%	7.1%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.8%	7.3%	7.1%	100.0%
	2024	7.6%	7.3%	7.5%	7.6%	8.5%	9.1%	9.9%	10.2%	9.2%	8.8%	7.3%	7.0%	100.0%
	2025	7.6%	7.0%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2026	7.6%	7.0%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2027	7.6%	7.0%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2028	7.5%	7.3%	7.5%	7.6%	8.5%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2029	7.6%	7.0%	7.5%	7.6%	8.5%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
	2030	7.6%	7.0%	7.5%	7.6%	8.5%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%
Avg.	2011-2020	7.2%	6.7%	7.4%	7.8%	8.8%	9.3%	10.0%	10.2%	9.3%	8.8%	7.3%	7.2%	100.0%
	2021-2030	7.6%	7.1%	7.5%	7.6%	8.6%	9.1%	9.9%	10.2%	9.2%	8.9%	7.3%	7.1%	100.0%

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FMPA 2021 Load Forecast - Base Case
Ft. Pierce
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.9	72.2	83.0	92.9	95.1	104.3	103.8	104.2	99.9	91.5	83.5	68.0	114.8	104.3
	2012	97.0	86.8	77.2	89.1	99.0	97.9	101.6	103.3	95.2	97.2	68.5	75.3	97.0	103.3
	2013	71.6	82.8	86.7	85.2	89.7	100.8	99.9	103.7	101.2	96.0	84.4	76.3	86.7	103.7
	2014	89.2	76.1	74.0	91.8	93.6	99.0	103.9	105.5	101.1	95.6	84.9	72.0	89.2	105.5
	2015	72.1	101.8	85.2	100.3	99.7	104.9	106.2	107.2	106.4	95.8	97.7	84.4	101.8	107.2
	2016	87.6	94.0	90.2	92.2	101.2	107.8	111.7	110.3	104.5	99.0	84.3	86.7	97.7	111.7
	2017	83.2	79.2	88.5	96.6	106.1	105.1	108.4	111.8	109.0	101.1	85.8	81.9	88.5	111.8
	2018	101.0	83.3	87.9	91.9	91.0	108.2	111.6	111.2	108.6	103.3	93.9	88.4	101.0	111.6
	2019	80.3	87.8	85.5	92.4	103.7	111.9	112.0	110.6	112.6	101.5	96.5	80.2	93.9	112.6
	2020	91.0	88.9	96.0	103.6	102.6	115.2	114.7	115.3	116.4	103.9	95.4	85.1	96.5	116.4
Projected	2021	99.8	89.1	89.7	99.6	106.4	111.0	113.9	115.5	112.5	103.1	94.7	85.6	99.8	115.5
	2022	100.5	89.7	89.8	99.7	106.6	111.1	114.1	115.6	112.7	103.2	94.8	85.8	100.5	115.6
	2023	100.6	89.8	89.3	99.2	106.0	110.5	113.4	115.0	112.0	102.7	94.3	85.5	100.6	115.0
	2024	100.3	89.5	89.0	98.8	105.6	110.0	113.0	114.5	111.6	102.3	93.9	85.2	100.3	114.5
	2025	99.9	89.2	88.8	98.6	105.4	109.8	112.7	114.2	111.3	102.0	93.8	85.1	99.9	114.2
	2026	99.8	89.1	88.7	98.5	105.3	109.7	112.6	114.1	111.2	102.0	93.7	85.1	99.8	114.1
	2027	99.8	89.1	88.9	98.7	105.5	109.9	112.8	114.3	111.4	102.2	93.9	85.5	99.8	114.3
	2028	100.3	89.5	89.4	99.2	106.0	110.4	113.3	114.9	111.9	102.7	94.4	85.9	100.3	114.9
	2029	100.7	89.9	89.9	99.6	106.5	110.9	113.8	115.4	112.4	103.1	94.9	86.2	100.7	115.4
	2030	101.2	90.3	90.3	100.2	107.1	111.4	114.4	116.0	113.0	103.7	95.4	86.7	101.2	116.0
Projected	2031	101.7	90.8	90.8	100.7	107.6	112.0	115.0	116.6	113.6	104.2	95.9	87.3	101.7	116.6
	2032	102.4	91.4	91.4	101.3	108.3	112.7	115.7	117.3	114.3	104.9	96.5	87.8	102.4	117.3
	2033	103.0	91.9	92.1	102.1	109.1	113.5	116.6	118.1	115.1	105.7	97.3	88.4	103.0	118.1
	2034	103.7	92.6	92.8	102.8	109.9	114.3	117.4	119.0	115.9	106.4	98.0	89.0	103.7	119.0
	2035	104.4	93.2	93.5	103.6	110.7	115.2	118.3	119.9	116.8	107.2	98.7	89.8	104.4	119.9
	2036	105.3	94.0	94.1	104.2	111.4	115.9	119.0	120.6	117.5	107.9	99.4	90.1	105.3	120.6
	2037	105.7	94.4	94.7	104.8	112.0	116.5	119.6	121.2	118.1	108.5	99.9	90.6	105.7	121.2
	2038	106.3	94.9	95.1	105.3	112.6	117.0	120.2	121.8	118.7	109.0	100.4	91.0	106.3	121.8
	2039	106.8	95.3	95.7	105.9	113.2	117.6	120.8	122.4	119.3	109.6	101.0	91.6	106.8	122.4
	2040	107.5	95.9	96.2	106.5	113.8	118.3	121.5	123.1	120.0	110.2	101.6	92.0	107.5	123.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.4%	73.1%	64.5%	66.0%	69.0%	68.9%	71.5%	72.0%	70.8%	64.3%	65.7%	76.3%	54.1%	60.5%
	2012	55.8%	62.8%	73.5%	64.2%	65.8%	69.0%	71.4%	69.7%	71.3%	64.4%	73.7%	69.3%	63.2%	59.3%
	2013	73.0%	66.0%	61.3%	70.1%	68.7%	69.7%	67.9%	72.1%	68.2%	67.1%	66.8%	69.2%	70.9%	58.6%
	2014	62.2%	71.4%	71.8%	65.0%	70.4%	68.9%	68.0%	71.6%	68.3%	65.2%	61.6%	73.7%	69.2%	58.9%
	2015	73.2%	53.0%	68.9%	65.6%	69.0%	71.8%	70.1%	69.6%	68.7%	68.1%	65.6%	69.9%	64.4%	59.6%
	2016	62.4%	58.9%	64.4%	66.0%	65.8%	69.9%	73.7%	72.0%	72.1%	65.2%	65.6%	65.6%	67.2%	59.6%
	2017	66.3%	69.2%	63.5%	65.1%	66.5%	68.9%	72.0%	71.5%	66.8%	67.8%	66.9%	67.8%	73.9%	58.1%
	2018	57.4%	71.0%	61.5%	65.8%	69.8%	67.6%	69.6%	70.7%	72.1%	69.7%	64.0%	61.2%	65.1%	58.6%
	2019	67.8%	64.9%	64.8%	67.9%	68.0%	68.0%	69.4%	68.9%	66.4%	71.3%	59.0%	66.9%	70.0%	58.6%
	2020	60.3%	64.3%	65.0%	60.1%	64.5%	66.9%	69.5%	71.0%	68.1%	70.0%	62.9%	66.4%	70.2%	57.7%
Projected	2021	60.8%	70.3%	67.3%	63.8%	65.0%	68.6%	70.6%	71.8%	68.3%	69.3%	63.9%	66.4%	68.6%	59.4%
	2022	60.8%	70.2%	67.6%	63.9%	65.0%	68.6%	70.5%	71.7%	68.4%	69.4%	64.1%	66.6%	68.4%	59.4%
	2023	60.8%	70.0%	67.8%	64.1%	65.0%	68.6%	70.5%	71.7%	68.5%	69.4%	64.1%	66.5%	68.0%	59.6%
	2024	60.7%	70.1%	67.8%	64.1%	65.0%	68.6%	70.5%	71.7%	68.5%	69.5%	64.2%	66.6%	68.2%	59.7%
	2025	60.8%	70.0%	67.8%	64.1%	65.0%	68.6%	70.5%	71.7%	68.5%	69.5%	64.2%	66.6%	68.1%	59.6%
	2026	60.7%	70.0%	67.7%	64.0%	65.0%	68.6%	70.5%	71.7%	68.5%	69.5%	64.2%	66.5%	68.1%	59.5%
	2027	60.7%	70.0%	67.6%	64.0%	64.9%	68.6%	70.5%	71.7%	68.6%	69.6%	64.2%	66.4%	68.2%	59.5%
	2028	60.7%	70.1%	67.5%	63.9%	64.9%	68.5%	70.5%	71.7%	68.6%	69.6%	64.2%	66.5%	68.3%	59.6%
	2029	60.7%	70.0%	67.4%	63.9%	64.9%	68.5%	70.5%	71.7%	68.6%	69.5%	64.1%	66.5%	68.2%	59.4%
	2030	60.7%	70.0%	67.4%	63.8%	64.8%	68.5%	70.5%	71.7%	68.6%	69.6%	64.1%	66.4%	68.2%	59.4%
Avg.	2011-2020	63.3%	65.5%	65.9%	65.6%	67.8%	69.0%	70.3%	70.9%	69.3%	67.3%	65.2%	68.6%	66.8%	59.0%
	2021-2030	60.7%	70.1%	67.6%	64.0%	65.0%	68.6%	70.5%	71.7%	68.5%	69.5%	64.1%	66.5%	68.2%	59.5%

FMPA 2021 Load Forecast - Base Case
Ft. Pierce
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.3	72.2	69.7	88.7	88.5	98.1	100.3	99.6	99.9	88.3	81.1	65.1	114.8	99.6
	2012	97.0	86.8	76.2	89.1	89.5	91.1	97.0	100.0	86.2	92.1	68.2	66.0	97.0	97.0
	2013	55.0	80.8	86.7	85.2	89.3	98.7	89.7	100.9	98.2	89.9	82.3	66.8	86.7	100.9
	2014	89.2	68.4	67.9	89.4	92.0	95.4	102.5	103.2	95.2	95.6	55.6	72.0	89.2	103.2
	2015	60.2	101.8	82.7	87.8	99.2	103.4	101.8	99.5	102.6	95.0	96.1	81.5	101.8	103.4
	2016	87.6	94.0	84.4	88.2	96.0	104.9	109.8	107.6	102.3	93.6	78.2	80.1	96.1	109.8
	2017	66.4	77.0	85.4	94.3	105.6	100.9	106.6	111.8	109.0	99.0	81.3	78.0	85.4	111.8
	2018	92.9	82.8	85.9	86.4	84.0	105.5	103.3	111.2	107.2	100.6	92.1	73.2	92.9	111.2
	2019	79.7	87.2	85.5	91.4	100.0	110.1	101.1	108.1	108.5	99.3	96.3	77.1	92.1	110.1
	2020	89.4	88.9	92.0	93.2	98.4	114.4	110.2	115.2	113.6	101.0	87.9	79.5	92.0	114.4
Projected	2021	92.7	87.6	85.5	95.4	102.7	108.0	108.7	112.8	109.4	100.2	87.2	80.0	92.7	112.8
	2022	93.3	88.2	85.6	95.6	102.8	108.1	108.9	112.9	109.6	100.4	87.4	80.2	93.3	112.9
	2023	93.5	88.4	85.1	95.0	102.3	107.5	108.3	112.3	109.0	99.8	86.9	79.9	93.5	112.3
	2024	93.1	88.0	84.8	94.7	101.8	107.0	107.8	111.8	108.5	99.4	86.6	79.6	93.1	111.8
	2025	92.8	87.7	84.6	94.5	101.6	106.8	107.6	111.6	108.3	99.2	86.4	79.5	92.8	111.6
	2026	92.7	87.6	84.6	94.4	101.5	106.7	107.4	111.5	108.1	99.1	86.3	79.5	92.7	111.5
	2027	92.7	87.7	84.8	94.6	101.7	106.9	107.6	111.7	108.3	99.3	86.5	79.9	92.7	111.7
	2028	93.1	88.1	85.2	95.0	102.2	107.4	108.1	112.2	108.9	99.8	87.0	80.2	93.1	112.2
	2029	93.6	88.4	85.6	95.5	102.7	107.9	108.6	112.7	109.3	100.3	87.4	80.6	93.6	112.7
	2030	94.0	88.8	86.1	96.0	103.3	108.4	109.2	113.3	109.9	100.8	87.9	81.0	94.0	113.3
Projected	2031	94.5	89.3	86.6	96.5	103.8	109.0	109.7	113.8	110.5	101.3	88.4	81.6	94.5	113.8
	2032	95.1	89.9	87.1	97.1	104.5	109.7	110.4	114.6	111.1	102.0	89.0	82.0	95.1	114.6
	2033	95.6	90.4	87.8	97.8	105.2	110.4	111.2	115.4	111.9	102.7	89.6	82.6	95.6	115.4
	2034	96.3	91.1	88.4	98.5	106.0	111.2	112.0	116.2	112.7	103.5	90.3	83.2	96.3	116.2
	2035	97.0	91.7	89.1	99.2	106.8	112.0	112.8	117.1	113.6	104.3	91.0	83.9	97.0	117.1
	2036	97.8	92.4	89.7	99.9	107.5	112.7	113.5	117.8	114.3	104.9	91.6	84.2	97.8	117.8
	2037	98.2	92.8	90.2	100.4	108.1	113.3	114.1	118.4	114.9	105.5	92.1	84.7	98.2	118.4
	2038	98.7	93.3	90.7	100.9	108.6	113.9	114.7	119.0	115.4	106.0	92.6	85.1	98.7	119.0
	2039	99.2	93.8	91.2	101.4	109.2	114.4	115.2	119.6	116.0	106.6	93.1	85.6	99.2	119.6
	2040	99.8	94.4	91.7	102.0	109.8	115.1	115.9	120.2	116.6	107.2	93.6	86.0	99.8	120.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.4%	100.0%	84.0%	95.4%	93.0%	94.1%	96.7%	95.6%	100.0%	96.5%	97.2%	95.8%	100.0%	95.5%
	2012	100.0%	100.0%	98.7%	100.0%	90.4%	93.1%	95.4%	96.8%	90.5%	94.7%	99.6%	87.6%	100.0%	93.8%
	2013	76.8%	97.6%	100.0%	100.0%	99.6%	98.0%	89.8%	97.3%	97.1%	93.6%	97.5%	87.6%	100.0%	97.3%
	2014	100.0%	89.9%	91.7%	97.3%	98.3%	96.4%	98.7%	97.8%	94.2%	100.0%	65.5%	100.0%	100.0%	97.8%
	2015	83.4%	100.0%	97.0%	87.5%	99.5%	98.6%	95.9%	92.9%	96.4%	99.2%	98.4%	96.5%	100.0%	96.5%
	2016	100.0%	100.0%	93.6%	95.7%	94.9%	97.3%	98.3%	97.6%	97.9%	94.5%	92.7%	92.3%	98.4%	98.3%
	2017	79.8%	97.3%	96.6%	97.5%	99.6%	96.0%	98.3%	100.0%	100.0%	97.9%	94.8%	95.2%	96.6%	100.0%
	2018	92.0%	99.5%	97.8%	94.0%	92.3%	97.4%	92.6%	100.0%	98.7%	97.4%	98.1%	82.8%	92.0%	99.7%
	2019	99.3%	99.3%	100.0%	98.9%	96.4%	98.4%	90.3%	97.7%	96.3%	97.9%	99.8%	96.2%	98.1%	97.8%
	2020	98.2%	100.0%	95.8%	90.0%	96.0%	99.3%	96.0%	99.9%	97.6%	97.2%	92.1%	93.5%	95.3%	98.2%
Projected	2021	92.9%	98.4%	95.3%	95.8%	97.3%	96.5%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2022	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2023	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2024	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2025	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2026	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2027	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2028	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2029	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2030	92.9%	98.4%	95.3%	95.8%	96.4%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%
	2011-2020	92.9%	98.4%	95.5%	95.6%	96.0%	96.9%	95.2%	97.6%	96.9%	96.9%	93.6%	92.7%	98.0%	97.5%
	2021-2030	92.9%	98.4%	95.3%	95.8%	96.5%	97.3%	95.4%	97.7%	97.3%	97.2%	92.1%	93.5%	92.9%	97.7%

FMPA 2021 Load Forecast - Base Case - Ft Pierce

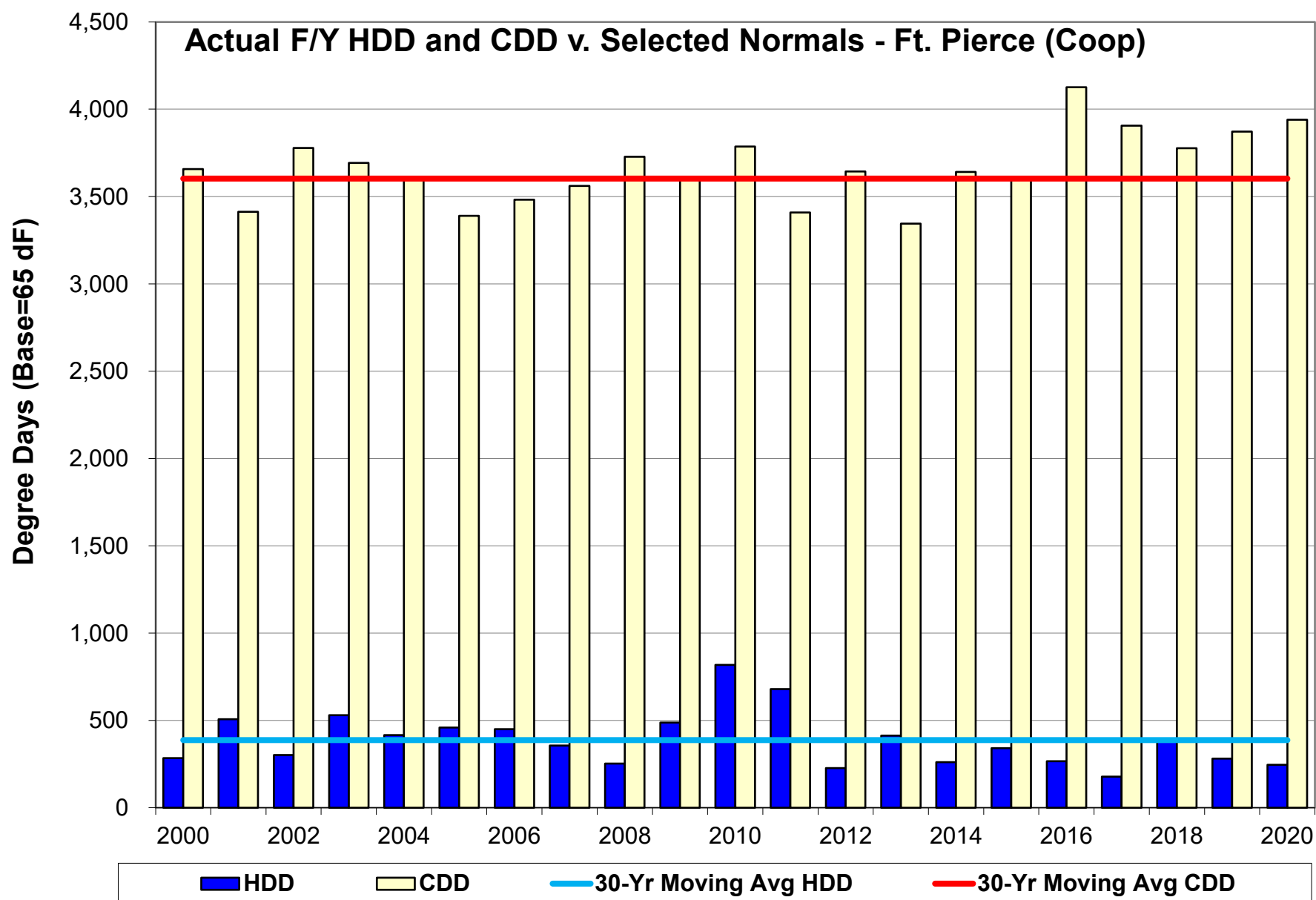
Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2011-2040)

		Residential						General Service						Res. Lights		City Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	%	(MWh)	% Chg
Historical	2011	216,942		22,733		9,543		301,655		5,018		60.1		5,989		5,860		530,446		21,981	4.0%	552,427	
	2012	204,343	-5.8%	22,785	0.2%	8,968	-6.0%	303,115	0.5%	5,016	-0.1%	60.4	0.5%	5,958	-0.5%	6,024	2.8%	519,440	-2.1%	17,675	3.3%	537,115	-2.8%
	2013	203,586	-0.4%	22,631	-0.7%	8,996	0.3%	294,790	-2.7%	4,999	-0.3%	59.0	-2.4%	5,919	-0.7%	6,071	0.8%	510,366	-1.7%	21,671	4.1%	532,037	-0.9%
	2014	212,712	4.5%	23,045	1.8%	9,230	2.6%	297,437	0.9%	5,052	1.1%	58.9	-0.2%	5,906	-0.2%	6,050	-0.3%	522,105	2.3%	22,645	4.2%	544,750	2.4%
	2015	227,451	6.9%	23,148	0.4%	9,826	6.5%	302,088	1.6%	5,073	0.4%	59.5	1.1%	5,932	0.4%	4,506	-25.5%	539,977	3.4%	19,085	3.4%	559,062	2.6%
	2016	238,720	5.0%	23,218	0.3%	10,282	4.6%	307,623	1.8%	5,082	0.2%	60.5	1.7%	6,030	1.7%	3,981	-11.7%	556,354	3.0%	26,797	4.6%	583,151	4.3%
	2017	235,521	-1.3%	23,205	-0.1%	10,150	-1.3%	308,779	0.4%	5,083	0.0%	60.7	0.4%	6,227	3.3%	3,900	-2.0%	554,427	-0.3%	15,208	2.7%	569,635	-2.3%
	2018	233,074	-1.0%	23,184	-0.1%	10,053	-1.0%	300,684	-2.6%	5,081	0.0%	59.2	-2.6%	6,227	0.0%	3,910	0.3%	543,895	-1.9%	28,823	5.0%	572,718	0.5%
	2019	246,354	5.7%	23,402	0.9%	10,527	4.7%	313,050	4.1%	5,125	0.9%	61.1	3.2%	5,979	-4.0%	4,019	2.8%	569,402	4.7%	8,648	1.5%	578,050	0.9%
	2020	252,227	2.4%	23,586	0.8%	10,694	1.6%	305,170	-2.5%	5,163	0.7%	59.1	-3.2%	5,457	-8.7%	4,020	0.0%	566,874	-0.4%	21,818	3.7%	588,692	1.8%
Projected	2021	257,830	2.2%	23,715	0.5%	10,872	1.7%	311,633	2.1%	5,185	0.4%	60.1	1.7%	5,457	0.0%	4,020	0.0%	578,941	2.1%	21,756	3.6%	600,697	2.0%
	2022	259,936	0.8%	23,834	0.5%	10,906	0.3%	311,720	0.0%	5,205	0.4%	59.9	-0.4%	5,457	0.0%	4,020	0.0%	581,133	0.4%	20,593	3.4%	601,726	0.2%
	2023	258,976	-0.4%	23,965	0.5%	10,807	-0.9%	311,793	0.0%	5,224	0.4%	59.7	-0.4%	5,457	0.0%	4,020	0.0%	580,246	-0.2%	20,498	3.4%	600,744	-0.2%
	2024	255,327	-1.4%	24,089	0.5%	10,599	-1.9%	312,925	0.4%	5,243	0.4%	59.7	0.0%	5,457	0.0%	4,020	0.0%	577,729	-0.4%	21,980	3.7%	599,709	-0.2%
	2025	253,614	-0.7%	24,209	0.5%	10,476	-1.2%	313,393	0.1%	5,260	0.3%	59.6	-0.2%	5,457	0.0%	4,020	0.0%	576,484	-0.2%	20,377	3.4%	596,861	-0.5%
	2026	253,134	-0.2%	24,323	0.5%	10,407	-0.7%	313,289	0.0%	5,277	0.3%	59.4	-0.3%	5,457	0.0%	4,020	0.0%	575,899	-0.1%	20,357	3.4%	596,257	-0.1%
	2027	253,748	0.2%	24,430	0.4%	10,387	-0.2%	313,364	0.0%	5,292	0.3%	59.2	-0.3%	5,457	0.0%	4,020	0.0%	576,589	0.1%	20,390	3.4%	596,979	0.1%
	2028	255,554	0.7%	24,534	0.4%	10,416	0.3%	314,016	0.2%	5,307	0.3%	59.2	-0.1%	5,457	0.0%	4,020	0.0%	579,047	0.4%	22,050	3.7%	601,097	0.7%
	2029	257,763	0.9%	24,636	0.4%	10,463	0.4%	314,750	0.2%	5,321	0.3%	59.1	0.0%	5,457	0.0%	4,020	0.0%	581,989	0.5%	20,586	3.4%	602,576	0.2%
	2030	260,031	0.9%	24,734	0.4%	10,513	0.5%	315,320	0.2%	5,335	0.3%	59.1	-0.1%	5,457	0.0%	4,020	0.0%	584,828	0.5%	20,687	3.4%	605,515	0.5%
	2031	262,771	1.1%	24,827	0.4%	10,584	0.7%	315,754	0.1%	5,348	0.2%	59.0	-0.1%	5,457	0.0%	4,020	0.0%	588,002	0.5%	20,797	3.4%	608,799	0.5%
	2032	265,697	1.1%	24,913	0.3%	10,665	0.8%	316,310	0.2%	5,360	0.2%	59.0	0.0%	5,457	0.0%	4,020	0.0%	591,484	0.6%	22,519	3.7%	614,003	0.9%
	2033	269,021	1.3%	24,996	0.3%	10,763	0.9%	317,160	0.3%	5,371	0.2%	59.0	0.1%	5,457	0.0%	4,020	0.0%	595,659	0.7%	21,070	3.4%	616,729	0.4%
	2034	272,410	1.3%	25,078	0.3%	10,863	0.9%	318,062	0.3%	5,382	0.2%	59.1	0.1%	5,457	0.0%	4,020	0.0%	599,949	0.7%	21,220	3.4%	621,169	0.7%
	2035	275,945	1.3%	25,159	0.3%	10,968	1.0%	318,904	0.3%	5,393	0.2%	59.1	0.1%	5,457	0.0%	4,020	0.0%	604,326	0.7%	21,373	3.4%	625,699	0.7%
	2036	279,298	1.2%	25,237	0.3%	11,067	0.9%	319,661	0.2%	5,403	0.2%	59.2	0.0%	5,457	0.0%	4,020	0.0%	608,437	0.7%	23,156	3.7%	631,593	0.9%
	2037	282,070	1.0%	25,312	0.3%	11,144	0.7%	320,201	0.2%	5,413	0.2%	59.2	0.0%	5,457	0.0%	4,020	0.0%	611,749	0.5%	21,627	3.4%	633,376	0.3%
	2038	284,948	1.0%	25,386	0.3%	11,224	0.7%	320,513	0.1%	5,422	0.2%	59.1	-0.1%	5,457	0.0%	4,020	0.0%	614,939	0.5%	21,736	3.4%	636,674	0.5%
	2039	287,807	1.0%	25,460	0.3%	11,304	0.7%	320,722	0.1%	5,431	0.2%	59.1	-0.1%	5,457	0.0%	4,020	0.0%	618,006	0.5%	21,844	3.4%	639,850	0.5%
	2040	291,151	1.2%	25,534	0.3%	11,402	0.9%	320,879	0.0%	5,439	0.2%	59.0	-0.1%	5,457	0.0%	4,020	0.0%	621,507	0.6%	23,644	3.7%	645,151	0.8%
CAGR	2011-2020		1.7%		0.4%		1.3%		0.1%		0.3%		-0.2%		-1.0%		-4.1%		0.7%		3.6%		0.7%
	2021-2030		0.1%		0.5%		-0.4%		0.1%		0.3%		-0.2%		0.0%		0.0%		0.1%		3.5%		0.1%
	2031-2040		1.1%		0.3%		0.8%		0.2%		0.2%		0.0%		0.0%		0.0%		0.6%		3.5%		0.6%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Fort Pierce (St. Lucie County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	193.5	-	77.3	-	69.3	-	2.97	-	4,693	-	5,569	-	72,051	-
2001	198.5	2.6%	80.4	4.0%	70.5	1.6%	2.95	-0.6%	4,967	5.8%	5,955	6.9%	74,055	2.8%
2002	205.8	3.7%	82.8	3.0%	75.4	7.0%	2.84	-3.8%	5,341	7.5%	6,225	4.5%	75,185	1.5%
2003	214.9	4.4%	86.5	4.5%	80.7	7.0%	2.93	3.3%	5,575	4.4%	6,573	5.6%	75,945	1.0%
2004	228.5	6.3%	91.3	5.5%	90.4	12.1%	3.70	26.2%	6,334	13.6%	7,379	12.3%	80,812	6.4%
2005	242.0	5.9%	96.4	5.6%	97.2	7.5%	3.54	-4.4%	6,953	9.8%	8,049	9.1%	83,499	3.3%
2006	255.3	5.5%	101.1	4.9%	102.2	5.1%	3.83	8.3%	7,720	11.0%	8,470	5.2%	83,761	0.3%
2007	266.9	4.5%	105.7	4.6%	102.8	0.6%	3.35	-12.5%	7,804	1.1%	8,858	4.6%	83,779	0.0%
2008	273.2	2.4%	107.3	1.5%	100.0	-2.7%	2.89	-13.7%	7,516	-3.7%	9,147	3.3%	85,215	1.7%
2009	274.3	0.4%	106.9	-0.4%	95.5	-4.5%	2.32	-19.9%	7,427	-1.2%	8,828	-3.5%	82,575	-3.1%
2010	278.3	1.4%	108.9	1.9%	95.3	-0.2%	2.31	-0.1%	7,196	-3.1%	8,803	-0.3%	80,840	-2.1%
2011	280.4	0.8%	110.1	1.1%	97.6	2.4%	2.42	4.8%	7,085	-1.5%	9,101	3.4%	82,637	2.2%
2012	283.0	0.9%	112.1	1.8%	99.4	1.8%	2.63	8.4%	7,189	1.5%	9,373	3.0%	83,600	1.2%
2013	285.4	0.8%	112.7	0.5%	101.3	1.9%	2.93	11.6%	7,521	4.6%	9,377	0.0%	83,212	-0.5%
2014	290.1	1.7%	115.0	2.1%	105.3	4.0%	3.27	11.6%	7,608	1.2%	9,748	3.9%	84,744	1.8%
2015	297.4	2.5%	117.8	2.4%	109.6	4.1%	3.49	6.5%	7,908	3.9%	10,363	6.3%	87,962	3.8%
2016	305.8	2.8%	120.7	2.5%	113.6	3.6%	3.82	9.6%	8,203	3.7%	10,996	6.1%	91,097	3.6%
2017	313.4	2.5%	122.5	1.5%	118.9	4.6%	3.95	3.3%	8,509	3.7%	11,230	2.1%	91,694	0.7%
2018	321.1	2.5%	125.0	2.0%	123.4	3.8%	4.22	6.8%	8,721	2.5%	11,692	4.1%	93,557	2.0%
2019	326.9	1.8%	128.3	2.6%	126.6	2.6%	4.32	2.5%	9,403	7.8%	12,432	6.3%	96,935	3.6%
2020	333.0	1.9%	131.4	2.5%	129.7	2.4%	4.40	1.8%	9,738	3.6%	12,931	4.0%	98,406	1.5%
2021	338.9	1.8%	134.5	2.3%	133.0	2.5%	4.49	2.1%	10,084	3.6%	13,436	3.9%	99,912	1.5%
2022	344.9	1.8%	137.4	2.2%	136.2	2.4%	4.57	1.7%	10,433	3.5%	13,957	3.9%	101,558	1.6%
2023	350.9	1.7%	140.3	2.1%	139.4	2.3%	4.66	2.0%	10,787	3.4%	14,489	3.8%	103,301	1.7%
2024	357.0	1.7%	143.0	2.0%	142.5	2.3%	4.75	2.0%	11,148	3.3%	15,032	3.7%	105,101	1.7%
2025	363.1	1.7%	145.7	1.9%	145.7	2.2%	4.84	1.9%	11,517	3.3%	15,585	3.7%	106,956	1.8%
2026	369.0	1.6%	148.2	1.7%	148.8	2.1%	4.93	1.9%	11,883	3.2%	16,127	3.5%	108,795	1.7%
2027	374.9	1.6%	150.7	1.7%	151.9	2.1%	5.02	1.8%	12,256	3.1%	16,683	3.4%	110,694	1.7%
2028	380.9	1.6%	153.2	1.6%	154.9	2.0%	5.11	1.9%	12,637	3.1%	17,253	3.4%	112,645	1.8%
2029	387.0	1.6%	155.6	1.6%	158.0	2.0%	5.21	1.9%	13,027	3.1%	17,834	3.4%	114,640	1.8%
2030	393.1	1.6%	157.9	1.5%	161.2	2.0%	5.30	1.8%	13,425	3.1%	18,426	3.3%	116,674	1.8%
2031	398.7	1.4%	160.1	1.4%	164.1	1.8%	5.40	1.8%	13,814	2.9%	18,997	3.1%	118,693	1.7%
2032	404.5	1.4%	162.2	1.3%	167.1	1.8%	5.50	1.8%	14,212	2.9%	19,584	3.1%	120,774	1.8%
2033	410.3	1.4%	164.2	1.3%	170.1	1.8%	5.60	1.8%	14,617	2.9%	20,183	3.1%	122,891	1.8%
2034	416.1	1.4%	166.3	1.3%	173.0	1.8%	5.70	1.8%	15,031	2.8%	20,795	3.0%	125,041	1.7%
2035	422.0	1.4%	168.4	1.2%	176.1	1.7%	5.80	1.8%	15,454	2.8%	21,421	3.0%	127,226	1.7%
2036	427.7	1.3%	170.3	1.2%	179.0	1.6%	5.90	1.8%	15,873	2.7%	22,034	2.9%	129,377	1.7%
2037	433.4	1.3%	172.3	1.1%	181.9	1.6%	6.01	1.8%	16,301	2.7%	22,658	2.8%	131,537	1.7%
2038	439.2	1.3%	174.2	1.1%	184.8	1.6%	6.12	1.8%	16,738	2.7%	23,296	2.8%	133,725	1.7%
2039	445.0	1.3%	176.2	1.1%	187.7	1.6%	6.23	1.8%	17,183	2.7%	23,948	2.8%	135,928	1.6%
2040	450.9	1.3%	178.2	1.1%	190.7	1.6%	6.34	1.8%	17,636	2.6%	24,606	2.7%	138,093	1.6%
Average Percent Change														
2010-2020		1.8%		1.9%		3.1%		6.6%		3.1%		3.9%		2.0%
2021-2030		1.7%		1.8%		2.2%		1.9%		3.2%		3.6%		1.7%
2031-2040		1.4%		1.2%		1.7%		1.8%		2.8%		2.9%		1.7%



Green Cove Springs

FMPA 2021 Load Forecast - Base Case
Green Cove Springs (Full Req'ts)
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	124,697	-	119,994	-	-3.8%	29.6	-	29.8	-	0.4%	23.0	-	22.6	-	-1.7%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	26.6	-10.3%	25.2	-15.3%	-5.2%	24.0	4.7%	24.9	10.5%	3.8%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	24.4	-8.3%	26.8	6.4%	10.0%	24.2	0.5%	24.6	-1.4%	1.8%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	24.2	-0.6%	26.5	-1.1%	9.4%	21.4	-11.4%	21.6	-12.1%	1.0%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	13.7%	26.6	0.2%	-3.5%	23.1	7.7%	25.1	16.1%	8.9%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	19.6	-28.8%	26.3	-0.9%	34.3%	24.4	5.9%	24.4	-2.6%	0.1%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	16.8	-14.1%	23.7	-10.0%	40.7%	23.6	-3.4%	24.4	-0.1%	3.6%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	30.6	81.5%	29.0	22.4%	-5.1%	23.1	-2.1%	22.4	-8.2%	-2.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	17.6	-42.6%	31.4	8.1%	78.7%	25.1	8.8%	24.5	9.1%	-2.6%
	2020	113,625	-1.1%	115,619	4.2%	1.8%	19.6	11.4%	28.8	-8.3%	47.1%	25.1	-0.2%	25.3	3.3%	0.8%
Projected	2021	118,356	4.2%	118,356	2.4%		27.6	40.9%	27.6	-4.2%		24.6	-2.0%	24.6	-2.8%	
	2022			119,762	1.2%				27.8	1.0%				25.0	1.7%	
	2023			122,038	1.9%				28.4	1.9%				25.5	1.9%	
	2024			124,629	2.1%				28.8	1.5%				26.0	1.9%	
	2025			126,777	1.7%				29.5	2.3%				26.4	1.8%	
	2026			129,043	1.8%				30.0	1.8%				26.9	1.8%	
	2027			131,273	1.7%				30.5	1.7%				27.4	1.7%	
	2028			133,731	1.9%				30.9	1.3%				27.8	1.7%	
	2029			135,776	1.5%				31.6	2.1%				28.3	1.7%	
	2030			138,053	1.7%				32.1	1.7%				28.8	1.7%	
	2031			142,278	3.1%				33.1	3.1%				29.6	3.0%	
	2032			144,862	1.8%				33.5	1.3%				30.1	1.6%	
	2033			146,971	1.5%				34.2	2.0%				30.6	1.6%	
	2034			149,346	1.6%				34.7	1.6%				31.1	1.6%	
	2035			151,740	1.6%				35.3	1.6%				31.6	1.6%	
	2036			154,423	1.8%				35.7	1.2%				32.1	1.6%	
	2037			156,546	1.4%				36.4	2.0%				32.6	1.5%	
	2038			158,935	1.5%				37.0	1.5%				33.1	1.5%	
	2039			161,360	1.5%				37.5	1.5%				33.6	1.5%	
	2040			164,051	1.7%				38.0	1.1%				34.1	1.5%	
CAGR^[3]	2011-2020		-1.0%		-0.4%			-4.5%		-0.4%			1.0%		1.3%	
	2021-2030				1.7%					1.7%					1.8%	
	2031-2040				1.6%					1.5%					1.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Green Cove Springs (Full Req'ts)
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	124,697	-	124,697	-	31.1	26.6	31.1	26.6	29.6	23.0	29.6	23.0
	2012	114,590	-8.1%	114,590	-8.1%	27.0	24.1	27.0	24.1	26.6	24.0	26.6	24.0
	2013	113,318	-1.1%	113,318	-1.1%	26.2	24.7	26.2	24.7	24.4	24.2	24.4	24.2
	2014	110,365	-2.6%	110,365	-2.6%	26.8	24.1	26.8	24.1	24.2	21.4	24.2	21.4
	2015	111,412	0.9%	111,412	0.9%	27.5	24.6	27.5	24.6	27.5	23.1	27.5	23.1
	2016	113,675	2.0%	113,675	2.0%	26.1	25.1	26.1	25.1	19.6	24.4	19.6	24.4
	2017	109,525	-3.7%	109,525	-3.7%	23.8	25.0	23.8	25.0	16.8	23.6	16.8	23.6
	2018	114,995	5.0%	114,995	5.0%	31.1	23.9	31.1	23.9	30.6	23.1	30.6	23.1
	2019	114,909	-0.1%	114,909	-0.1%	24.4	25.4	24.4	25.4	17.6	25.1	17.6	25.1
	2020	113,625	-1.1%	114,479	-0.4%	24.4	25.9	27.3	25.0	19.6	25.1	26.7	23.9
Projected	2021	118,356	4.2%	116,282	1.6%	28.2	25.8	27.9	25.5	27.6	24.6	27.2	24.3
	2022	119,762	1.2%	118,341	1.8%	28.5	26.2	28.4	25.9	27.8	25.0	27.7	24.7
	2023	122,038	1.9%	120,335	1.7%	29.0	26.7	28.9	26.4	28.4	25.5	28.2	25.1
	2024	124,629	2.1%	122,597	1.9%	29.5	27.3	29.2	26.8	28.8	26.0	28.5	25.6
	2025	126,777	1.7%	124,584	1.6%	30.2	27.8	29.9	27.3	29.5	26.4	29.2	26.1
	2026	129,043	1.8%	126,779	1.8%	30.7	28.3	30.4	27.8	30.0	26.9	29.7	26.5
	2027	131,273	1.7%	128,954	1.7%	31.2	28.7	30.9	28.3	30.5	27.4	30.2	27.0
	2028	133,731	1.9%	131,342	1.9%	31.7	29.2	31.3	28.8	30.9	27.8	30.6	27.4
	2029	135,776	1.5%	133,301	1.5%	32.3	29.7	32.0	29.2	31.6	28.3	31.2	27.9
	2030	138,053	1.7%	137,641	3.3%	32.9	30.2	33.0	30.2	32.1	28.8	32.2	28.8
	2031	142,278	3.1%	139,900	1.6%	33.9	31.1	33.6	30.7	33.1	29.6	32.8	29.2
	2032	144,862	1.8%	142,338	1.7%	34.3	31.6	33.9	31.1	33.5	30.1	33.2	29.7
	2033	146,971	1.5%	144,309	1.4%	35.0	32.2	34.6	31.6	34.2	30.6	33.8	30.1
	2034	149,346	1.6%	146,486	1.5%	35.6	32.7	35.2	32.1	34.7	31.1	34.3	30.6
	2035	151,740	1.6%	148,652	1.5%	36.1	33.2	35.7	32.6	35.3	31.6	34.8	31.1
	2036	154,423	1.8%	151,079	1.6%	36.6	33.7	36.1	33.1	35.7	32.1	35.2	31.5
	2037	156,546	1.4%	152,970	1.3%	37.3	34.2	36.7	33.5	36.4	32.6	35.9	32.0
	2038	158,935	1.5%	155,098	1.4%	37.9	34.8	37.2	34.0	37.0	33.1	36.4	32.4
	2039	161,360	1.5%	157,224	1.4%	38.4	35.3	37.7	34.4	37.5	33.6	36.9	32.8
	2040	164,051	1.7%			38.9	35.8			38.0	34.1		
CAGR ^[1]	Historical		-1.0%		-1.0%	-2.7%	-0.3%	-3.0%	-0.6%	-3.8%	0.5%	-5.7%	0.6%
	1st 10 Prj Yrs		1.7%		1.7%	1.7%	1.8%	1.8%	1.7%	1.7%	1.8%	1.8%	1.7%
	2nd 10 Prj Yrs		1.6%		1.5%	1.5%	1.6%	1.5%	1.5%	1.5%	1.6%	1.5%	1.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Green Cove Springs (Full Req'ts)
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Year																
Historical	2011	124,697	-	119,994	-	-3.8%	29.6	-	29.8	-	0.4%	23.0	-	22.6		-1.7%
	2012	114,590	-8.1%	116,139	-3.2%	1.4%	26.6	-10.3%	25.2	-15.3%	-5.2%	24.0	4.7%	24.9	10.5%	3.8%
	2013	113,318	-1.1%	114,105	-1.8%	0.7%	24.4	-8.3%	26.8	6.4%	10.0%	24.2	0.5%	24.6	-1.4%	1.8%
	2014	110,365	-2.6%	111,110	-2.6%	0.7%	24.2	-0.6%	26.5	-1.1%	9.4%	21.4	-11.4%	21.6	-12.1%	1.0%
	2015	111,412	0.9%	109,497	-1.5%	-1.7%	27.5	13.7%	26.6	0.2%	-3.5%	23.1	7.7%	25.1	16.1%	8.9%
	2016	113,675	2.0%	111,175	1.5%	-2.2%	19.6	-28.8%	26.3	-0.9%	34.3%	24.4	5.9%	24.4	-2.6%	0.1%
	2017	109,525	-3.7%	111,101	-0.1%	1.4%	16.8	-14.1%	23.7	-10.0%	40.7%	23.6	-3.4%	24.4	-0.1%	3.6%
	2018	114,995	5.0%	111,139	0.0%	-3.4%	30.6	81.5%	29.0	22.4%	-5.1%	23.1	-2.1%	22.4	-8.2%	-2.9%
	2019	114,909	-0.1%	110,994	-0.1%	-3.4%	17.6	-42.6%	31.4	8.1%	78.7%	25.1	8.8%	24.5	9.1%	-2.6%
	2020	113,625	-1.1%	114,333	3.0%	0.6%	19.6	11.4%	28.8	-8.3%	47.1%	25.1	-0.2%	25.3	3.3%	0.8%
Projected	2021	118,261	4.1%	118,261	3.4%		27.6	40.9%	27.6	-4.2%		24.5	-2.1%	24.5	-2.9%	
	2022			119,620	1.1%				27.8	1.0%				24.9	1.6%	
	2023			121,850	1.9%				28.4	1.9%				25.4	1.9%	
	2024			124,387	2.1%				28.8	1.5%				25.9	1.9%	
	2025			126,475	1.7%				29.5	2.3%				26.4	1.8%	
	2026			128,656	1.7%				30.0	1.8%				26.8	1.7%	
	2027			130,792	1.7%				30.5	1.7%				27.3	1.6%	
	2028			133,149	1.8%				30.9	1.3%				27.7	1.6%	
	2029			135,089	1.5%				31.6	2.1%				28.1	1.6%	
	2030			137,256	1.6%				32.1	1.7%				28.6	1.6%	
	2031			141,411	3.0%				33.1	3.1%				29.4	3.0%	
	2032			143,924	1.8%				33.5	1.3%				29.9	1.6%	
	2033			145,966	1.4%				34.2	2.0%				30.4	1.6%	
	2034			148,264	1.6%				34.7	1.6%				30.9	1.6%	
	2035			150,577	1.6%				35.3	1.6%				31.3	1.6%	
	2036			153,172	1.7%				35.7	1.2%				31.8	1.5%	
	2037			155,264	1.4%				36.4	2.0%				32.3	1.5%	
	2038			157,564	1.5%				37.0	1.5%				32.8	1.5%	
	2039			159,954	1.5%				37.5	1.5%				33.3	1.5%	
	2040			162,550	1.6%				38.0	1.1%				33.8	1.4%	
CAGR ^[3]	2011-2020		-1.0%		-0.5%			-4.5%		-0.4%			1.0%		1.3%	
	2021-2030				1.7%					1.7%					1.7%	
	2031-2040				1.6%					1.5%					1.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Green Cove Springs (Full Req'ts)
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	10,950	8,452	8,546	9,385	10,597	11,595	11,932	12,839	10,904	8,644	7,945	8,472	120,260	124,697
	2012	9,414	8,050	8,572	8,749	10,195	10,240	11,988	11,478	10,842	9,436	8,334	8,689	115,988	114,590
	2013	8,465	7,984	8,699	8,172	9,284	10,801	11,102	11,821	10,530	9,152	7,650	8,138	111,799	113,318
	2014	10,437	7,788	7,918	7,898	9,380	9,977	10,835	11,363	9,827	8,551	7,942	8,502	110,419	110,365
	2015	9,237	8,553	7,907	8,377	9,876	10,532	11,085	10,939	9,911	8,499	7,972	7,930	110,818	111,412
	2016	9,610	8,383	7,952	8,039	9,664	11,042	12,184	11,886	10,514	8,582	7,621	8,143	113,620	113,675
	2017	8,490	7,083	8,151	8,569	10,035	10,132	11,416	11,578	9,725	9,744	7,527	8,795	111,246	109,525
	2018	11,446	7,374	8,048	7,821	9,540	10,666	10,938	11,657	11,439	9,725	8,047	8,676	115,376	114,995
	2019	9,353	7,257	7,913	8,193	10,712	10,990	11,279	11,777	10,988	9,849	7,613	8,040	113,964	114,909
	2020	8,765	7,960	8,708	8,020	9,325	10,628	12,131	11,907	10,678	9,444	8,415	9,148	115,129	113,625
Projected	2021	9,964	8,407	8,657	8,417	9,872	10,961	11,850	11,995	11,131	9,443	8,421	9,198	118,317	118,261
	2022	10,081	8,511	8,754	8,527	10,001	11,127	12,045	12,192	11,321	9,610	8,571	9,368	120,107	119,620
	2023	10,270	8,671	8,917	8,686	10,191	11,337	12,271	12,422	11,535	9,793	8,737	9,551	122,382	121,850
	2024	10,465	9,043	9,089	8,857	10,388	11,554	12,504	12,654	11,751	9,980	8,902	9,733	124,921	124,387
	2025	10,663	9,003	9,258	9,021	10,580	11,764	12,729	12,881	11,961	10,155	9,058	9,906	126,979	126,475
	2026	10,851	9,162	9,417	9,175	10,760	11,964	12,946	13,099	12,163	10,326	9,208	10,075	129,145	128,656
	2027	11,037	9,318	9,572	9,325	10,937	12,160	13,159	13,315	12,362	10,493	9,356	10,242	131,275	130,792
	2028	11,223	9,694	9,727	9,474	11,113	12,357	13,374	13,533	12,564	10,663	9,506	10,412	133,640	133,149
	2029	11,412	9,632	9,883	9,626	11,291	12,555	13,590	13,752	12,767	10,834	9,656	10,582	135,580	135,089
	2030	11,601	9,790	10,040	9,777	11,470	12,755	13,808	13,973	12,971	11,170	9,959	10,910	138,223	137,256
Projected	2031	11,940	10,095	10,345	10,078	11,824	13,135	14,215	14,382	13,358	11,352	10,120	11,088	141,931	141,411
	2032	12,136	10,499	10,510	10,238	12,012	13,344	14,442	14,612	13,571	11,532	10,279	11,265	144,440	143,924
	2033	12,332	10,426	10,676	10,398	12,201	13,555	14,671	14,845	13,787	11,714	10,440	11,446	146,489	145,966
	2034	12,531	10,593	10,843	10,560	12,390	13,766	14,901	15,077	14,002	11,896	10,601	11,625	148,785	148,264
	2035	12,729	10,761	11,010	10,722	12,582	13,980	15,134	15,314	14,222	12,082	10,766	11,810	151,114	150,577
	2036	12,933	11,188	11,181	10,886	12,775	14,194	15,367	15,549	14,440	12,270	10,932	11,993	153,709	153,172
	2037	13,135	11,103	11,352	11,052	12,969	14,410	15,602	15,787	14,660	12,451	11,092	12,171	155,783	155,264
	2038	13,333	11,270	11,518	11,213	13,159	14,623	15,834	16,022	14,879	12,641	11,261	12,358	158,109	157,564
	2039	13,539	11,443	11,692	11,381	13,356	14,843	16,073	16,264	15,102	12,825	11,423	12,540	160,482	159,954
	2040	13,740	11,884	11,861	11,545	13,548	15,057	16,306	16,500	15,321	13,011	11,587	12,724	163,083	162,550

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.1%	7.0%	7.1%	7.8%	8.8%	9.6%	9.9%	10.7%	9.1%	7.2%	6.6%	7.0%	100.0%
	2012	8.1%	6.9%	7.4%	7.5%	8.8%	8.8%	10.3%	9.9%	9.3%	8.1%	7.2%	7.5%	100.0%
	2013	7.6%	7.1%	7.8%	7.3%	8.3%	9.7%	9.9%	10.6%	9.4%	8.2%	6.8%	7.3%	100.0%
	2014	9.5%	7.1%	7.2%	7.2%	8.5%	9.0%	9.8%	10.3%	8.9%	7.7%	7.2%	7.7%	100.0%
	2015	8.3%	7.7%	7.1%	7.6%	8.9%	9.5%	10.0%	9.9%	8.9%	7.7%	7.2%	7.2%	100.0%
	2016	8.5%	7.4%	7.0%	7.1%	8.5%	9.7%	10.7%	10.5%	9.3%	7.6%	6.7%	7.2%	100.0%
	2017	7.6%	6.4%	7.3%	7.7%	9.0%	9.1%	10.3%	10.4%	8.7%	8.8%	6.8%	7.9%	100.0%
	2018	9.9%	6.4%	7.0%	6.8%	8.3%	9.2%	9.5%	10.1%	9.9%	8.4%	7.0%	7.5%	100.0%
	2019	8.2%	6.4%	6.9%	7.2%	9.4%	9.6%	9.9%	10.3%	9.6%	8.6%	6.7%	7.1%	100.0%
	2020	7.6%	6.9%	7.6%	7.0%	8.1%	9.2%	10.5%	10.3%	9.3%	8.2%	7.3%	7.9%	100.0%
Projected	2021	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2022	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.0%	7.1%	7.8%	100.0%
	2023	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.0%	7.1%	7.8%	100.0%
	2024	8.4%	7.2%	7.3%	7.1%	8.3%	9.2%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2025	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2026	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2027	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2028	8.4%	7.3%	7.3%	7.1%	8.3%	9.2%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2029	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%
	2030	8.4%	7.1%	7.3%	7.1%	8.3%	9.2%	10.0%	10.1%	9.4%	8.1%	7.2%	7.9%	100.0%
Avg.	2011-2020	8.4%	6.9%	7.2%	7.3%	8.7%	9.4%	10.1%	10.3%	9.3%	8.1%	6.9%	7.4%	100.0%
	2021-2030	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.0%	7.1%	7.8%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12

FMPA 2021 Load Forecast - Base Case
Green Cove Springs (Full Req'ts)
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	31.1	23.7	16.3	21.9	24.1	25.3	24.4	26.6	22.9	18.2	15.9	18.9	31.1	26.6
	2012	26.6	27.0	17.1	19.8	22.0	22.6	24.1	23.9	23.0	21.5	21.5	21.2	27.0	24.1
	2013	21.5	26.2	24.4	18.1	20.1	23.7	22.9	24.7	23.2	20.2	17.3	18.5	26.2	24.7
	2014	26.8	23.6	18.7	19.6	20.5	22.2	23.1	24.1	23.4	19.4	24.7	20.3	26.8	24.1
	2015	23.7	27.5	15.0	18.6	22.1	24.6	23.8	24.0	22.7	19.2	19.7	14.9	27.5	24.6
	2016	26.1	24.8	16.7	19.1	22.7	24.5	25.1	25.0	21.7	18.5	16.8	18.6	26.1	25.1
	2017	23.8	17.1	21.8	21.2	23.0	22.7	24.0	25.0	23.1	21.2	15.8	22.6	23.8	25.0
	2018	31.1	19.1	18.5	16.5	21.2	23.9	23.9	23.6	23.8	21.9	20.8	24.4	31.1	23.9
	2019	24.3	19.1	21.3	18.7	24.4	25.1	25.4	25.4	24.2	21.4	18.3	20.5	24.4	25.4
	2020	24.4	20.8	19.8	19.6	21.8	25.1	24.7	25.9	24.3	21.5	18.7	22.0	24.4	25.9
Projected	2021	28.2	25.2	20.7	19.7	22.8	24.8	25.3	25.8	24.1	21.4	18.9	22.2	28.2	25.8
	2022	28.5	25.5	20.9	20.1	23.2	25.2	25.7	26.2	24.5	21.8	19.3	22.6	28.5	26.2
	2023	29.0	25.9	21.3	20.4	23.6	25.7	26.2	26.7	25.0	22.2	19.6	23.0	29.0	26.7
	2024	29.5	26.3	21.6	20.8	24.1	26.2	26.7	27.2	25.5	22.6	20.0	23.5	29.5	27.2
	2025	30.2	27.0	22.1	21.2	24.5	26.6	27.1	27.7	25.9	23.0	20.4	24.0	30.2	27.7
	2026	30.7	27.4	22.5	21.6	25.0	27.1	27.6	28.2	26.4	23.4	20.8	24.4	30.7	28.2
	2027	31.2	27.9	22.9	21.9	25.4	27.5	28.1	28.6	26.8	23.8	21.0	24.7	31.2	28.6
	2028	31.7	28.3	23.2	22.3	25.8	28.0	28.5	29.1	27.2	24.2	21.5	25.2	31.7	29.1
	2029	32.3	28.9	23.7	22.7	26.2	28.4	29.0	29.6	27.7	24.6	21.8	25.6	32.3	29.6
	2030	32.9	29.4	24.1	23.0	26.7	28.9	29.4	30.0	28.1	25.0	22.5	26.4	32.9	30.0
Projected	2031	33.9	30.3	24.8	23.7	27.5	29.7	30.3	30.9	28.9	25.7	22.8	26.8	33.9	30.9
	2032	34.3	30.6	25.2	24.1	27.9	30.2	30.8	31.4	29.4	26.2	23.3	27.3	34.3	31.4
	2033	35.0	31.3	25.7	24.5	28.3	30.7	31.3	31.9	29.9	26.6	23.6	27.7	35.0	31.9
	2034	35.6	31.8	26.1	24.9	28.8	31.2	31.8	32.4	30.3	27.0	24.0	28.2	35.6	32.4
	2035	36.1	32.3	26.5	25.3	29.2	31.7	32.3	32.9	30.8	27.4	24.3	28.5	36.1	32.9
	2036	36.6	32.7	26.8	25.7	29.7	32.2	32.8	33.4	31.3	27.9	24.8	29.1	36.6	33.4
	2037	37.3	33.3	27.4	26.1	30.2	32.6	33.3	33.9	31.8	28.3	25.2	29.5	37.3	33.9
	2038	37.9	33.8	27.8	26.4	30.6	33.1	33.8	34.4	32.2	28.7	25.5	30.0	37.9	34.4
	2039	38.4	34.4	28.2	26.8	31.1	33.6	34.3	35.0	32.7	29.1	25.8	30.3	38.4	35.0
	2040	38.9	34.7	28.5	27.2	31.5	34.1	34.8	35.5	33.2	29.6	26.5	31.1	38.9	35.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	47.3%	53.1%	70.4%	59.4%	59.2%	63.7%	65.6%	64.9%	66.2%	63.9%	69.4%	60.2%	44.1%	53.6%
	2012	47.6%	42.8%	67.4%	61.3%	62.2%	62.8%	67.0%	64.5%	65.5%	58.9%	53.8%	55.2%	49.0%	54.4%
	2013	53.0%	45.3%	48.0%	62.8%	61.9%	63.3%	65.0%	64.3%	63.0%	60.9%	61.4%	59.1%	48.7%	52.4%
	2014	52.4%	49.1%	56.9%	60.0%	61.6%	62.3%	63.2%	63.4%	58.4%	59.1%	44.6%	56.2%	47.1%	52.3%
	2015	52.4%	46.2%	71.0%	62.5%	60.1%	59.4%	62.7%	61.4%	60.6%	59.6%	56.2%	71.7%	45.9%	51.7%
	2016	49.5%	48.7%	64.0%	58.4%	57.3%	62.6%	65.2%	63.8%	67.2%	62.4%	63.0%	59.0%	49.7%	51.7%
	2017	47.9%	61.6%	50.3%	56.2%	58.5%	62.0%	63.8%	62.3%	58.4%	61.7%	66.3%	52.4%	53.3%	50.1%
	2018	49.4%	57.6%	58.6%	66.0%	60.3%	62.0%	61.6%	66.3%	66.8%	59.6%	53.6%	47.8%	42.3%	54.9%
	2019	51.7%	56.4%	49.9%	60.8%	59.1%	60.7%	59.7%	62.4%	63.1%	61.9%	57.7%	52.8%	53.3%	51.6%
	2020	48.4%	54.9%	59.1%	56.7%	57.5%	58.8%	66.0%	61.9%	61.0%	59.1%	62.3%	55.9%	54.0%	50.1%
Projected	2021	47.5%	49.6%	56.2%	59.2%	58.1%	61.4%	63.0%	62.5%	64.1%	59.3%	61.8%	55.6%	47.9%	52.4%
	2022	47.5%	49.7%	56.3%	59.0%	57.9%	61.3%	63.0%	62.5%	64.1%	59.3%	61.7%	55.6%	48.1%	52.1%
	2023	47.5%	49.7%	56.3%	59.0%	57.9%	61.3%	63.0%	62.5%	64.1%	59.3%	61.9%	55.8%	48.1%	52.1%
	2024	47.7%	49.3%	56.5%	59.1%	57.9%	61.3%	63.0%	62.5%	64.1%	59.3%	61.7%	55.6%	48.4%	52.2%
	2025	47.5%	49.7%	56.2%	59.1%	58.0%	61.3%	63.0%	62.5%	64.1%	59.3%	61.6%	55.6%	48.1%	52.1%
	2026	47.5%	49.7%	56.2%	59.1%	57.9%	61.3%	63.0%	62.5%	64.1%	59.3%	61.6%	55.6%	48.0%	52.2%
	2027	47.5%	49.7%	56.1%	59.0%	57.9%	61.3%	63.0%	62.5%	64.1%	59.3%	61.8%	55.8%	48.0%	52.2%
	2028	47.7%	49.3%	56.3%	59.0%	57.9%	61.3%	63.0%	62.5%	64.1%	59.2%	61.5%	55.5%	48.2%	52.2%
	2029	47.5%	49.6%	56.0%	59.0%	57.9%	61.3%	63.0%	62.5%	64.1%	59.2%	61.4%	55.5%	47.9%	52.2%
	2030	47.4%	49.6%	56.0%	59.0%	57.8%	61.3%	63.0%	62.5%	64.1%	60.1%	61.5%	55.5%	48.0%	52.2%
Avg.	2011-2020	50.0%	51.6%	59.6%	60.0%	59.8%	61.8%	64.0%	63.5%	63.0%	60.7%	58.8%	57.0%	48.7%	52.3%
	2021-2030	47.5%	49.6%	56.2%	59.0%	57.9%	61.3%	63.0%	62.5%	64.1%	59.4%	61.6%	55.6%	48.1%	52.2%

FMPA 2021 Load Forecast - Base Case
Green Cove Springs (Full Req'ts)
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	29.0	22.5	14.6	21.6	22.6	25.3	23.6	23.0	21.5	17.6	15.5	13.9	29.6	23.0
	2012	26.6	27.0	15.8	18.3	20.2	22.0	24.0	22.9	22.4	20.1	13.7	21.2	26.6	24.0
	2013	21.5	26.2	24.4	18.1	18.8	22.8	21.3	24.2	23.1	20.2	15.0	13.8	24.4	24.2
	2014	24.2	23.6	14.7	19.6	20.5	21.8	20.6	21.4	22.5	18.9	24.7	20.1	24.2	21.4
	2015	23.7	27.5	15.0	17.1	22.1	23.1	22.7	24.0	21.1	19.2	19.6	14.8	27.5	23.1
	2016	26.1	24.8	16.3	19.1	22.7	24.5	24.4	24.9	21.0	14.4	16.8	14.8	19.6	24.4
	2017	23.7	15.3	16.8	21.0	22.7	22.7	24.0	23.6	20.7	21.1	15.8	22.6	16.8	23.6
	2018	30.6	15.3	15.1	15.6	21.0	23.7	22.5	23.1	23.1	21.9	17.6	24.4	30.6	23.1
	2019	23.2	15.0	15.3	18.6	24.0	25.1	24.8	23.2	24.2	19.2	18.3	12.8	17.6	25.1
	2020	24.4	14.3	19.6	19.6	21.8	25.1	23.5	25.4	24.0	20.4	17.1	19.5	19.6	25.1
Projected	2021	27.6	23.0	18.4	19.3	22.3	24.4	24.1	24.5	23.2	20.4	17.3	19.7	27.6	24.5
	2022	27.8	23.2	18.6	19.6	22.6	24.8	24.5	24.9	23.6	20.7	17.6	20.0	27.8	24.9
	2023	28.4	23.6	18.9	20.0	23.1	25.3	25.0	25.4	24.0	21.1	17.9	20.4	28.4	25.4
	2024	28.8	24.0	19.2	20.3	23.5	25.8	25.4	25.9	24.5	21.5	18.3	20.8	28.8	25.9
	2025	29.5	24.6	19.6	20.7	23.9	26.2	25.9	26.4	24.9	21.9	18.6	21.2	29.5	26.4
	2026	30.0	25.0	20.0	21.1	24.3	26.7	26.3	26.8	25.4	22.3	18.9	21.6	30.0	26.8
	2027	30.5	25.4	20.3	21.4	24.7	27.1	26.8	27.3	25.8	22.6	19.2	21.9	30.5	27.3
	2028	30.9	25.8	20.6	21.8	25.2	27.5	27.2	27.7	26.2	23.0	19.6	22.3	30.9	27.7
	2029	31.6	26.3	21.0	22.1	25.6	28.0	27.6	28.1	26.6	23.4	19.9	22.7	31.6	28.1
	2030	32.1	26.8	21.4	22.5	26.0	28.4	28.1	28.6	27.0	23.8	20.5	23.4	32.1	28.6
Projected	2031	33.1	27.6	22.1	23.1	26.8	29.3	28.9	29.4	27.8	24.5	20.8	23.7	33.1	29.4
	2032	33.5	27.9	22.3	23.5	27.2	29.7	29.4	29.9	28.3	24.9	21.2	24.2	33.5	29.9
	2033	34.2	28.5	22.8	23.9	27.6	30.2	29.8	30.4	28.7	25.3	21.6	24.6	34.2	30.4
	2034	34.7	29.0	23.2	24.3	28.1	30.7	30.3	30.9	29.2	25.7	21.9	25.0	34.7	30.9
	2035	35.3	29.4	23.5	24.7	28.5	31.2	30.8	31.3	29.6	26.1	22.2	25.3	35.3	31.3
	2036	35.7	29.8	23.8	25.0	29.0	31.6	31.2	31.8	30.1	26.5	22.6	25.8	35.7	31.8
	2037	36.4	30.4	24.3	25.4	29.4	32.1	31.7	32.3	30.5	26.9	23.0	26.1	36.4	32.3
	2038	37.0	30.8	24.6	25.8	29.8	32.6	32.2	32.8	31.0	27.3	23.3	26.5	37.0	32.8
	2039	37.5	31.3	25.0	26.2	30.3	33.1	32.7	33.3	31.5	27.7	23.6	26.8	37.5	33.3
	2040	38.0	31.7	25.3	26.6	30.7	33.6	33.1	33.8	31.9	28.1	24.2	27.5	38.0	33.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	93.0%	95.0%	89.7%	98.6%	93.9%	100.0%	96.4%	86.4%	94.1%	96.5%	97.7%	73.4%	95.1%	86.4%
	2012	100.0%	100.0%	92.3%	92.3%	91.5%	97.2%	99.9%	95.8%	97.4%	93.6%	63.6%	100.0%	98.2%	99.9%
	2013	100.0%	100.0%	100.0%	100.0%	93.5%	96.2%	92.8%	97.8%	99.7%	100.0%	86.6%	74.5%	92.9%	97.8%
	2014	90.5%	100.0%	78.4%	100.0%	100.0%	98.2%	89.4%	88.8%	96.5%	97.2%	100.0%	98.9%	90.5%	88.8%
	2015	100.0%	100.0%	100.0%	91.9%	100.0%	93.7%	95.6%	100.0%	93.0%	100.0%	99.5%	99.8%	100.0%	93.7%
	2016	100.0%	100.0%	97.5%	100.0%	100.0%	100.0%	97.3%	99.4%	96.7%	78.0%	100.0%	80.0%	75.1%	97.3%
	2017	99.6%	89.4%	77.4%	98.9%	98.6%	100.0%	100.0%	94.4%	89.3%	99.3%	100.0%	100.0%	70.7%	94.4%
	2018	98.2%	80.1%	82.0%	94.7%	99.0%	99.3%	94.1%	97.8%	97.2%	100.0%	84.3%	100.0%	98.2%	96.6%
	2019	95.2%	78.2%	71.7%	99.6%	98.5%	100.0%	97.8%	91.2%	100.0%	89.7%	100.0%	62.4%	72.0%	98.9%
	2020	100.0%	68.6%	98.7%	100.0%	99.8%	100.0%	95.2%	98.2%	98.6%	95.1%	91.2%	88.5%	80.3%	97.0%
Projected	2021	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2022	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2023	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2024	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2025	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2026	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2027	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2028	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2029	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2030	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%
	2011-2020	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.8%	95.0%	96.2%	94.9%	92.3%	87.8%	87.3%	95.1%
	2021-2030	97.7%	91.1%	88.8%	97.6%	97.5%	98.4%	95.4%	95.2%	96.2%	95.1%	91.2%	88.5%	97.7%	95.2%

FMPA 2021 Load Forecast - Base Case - Green Cove Springs

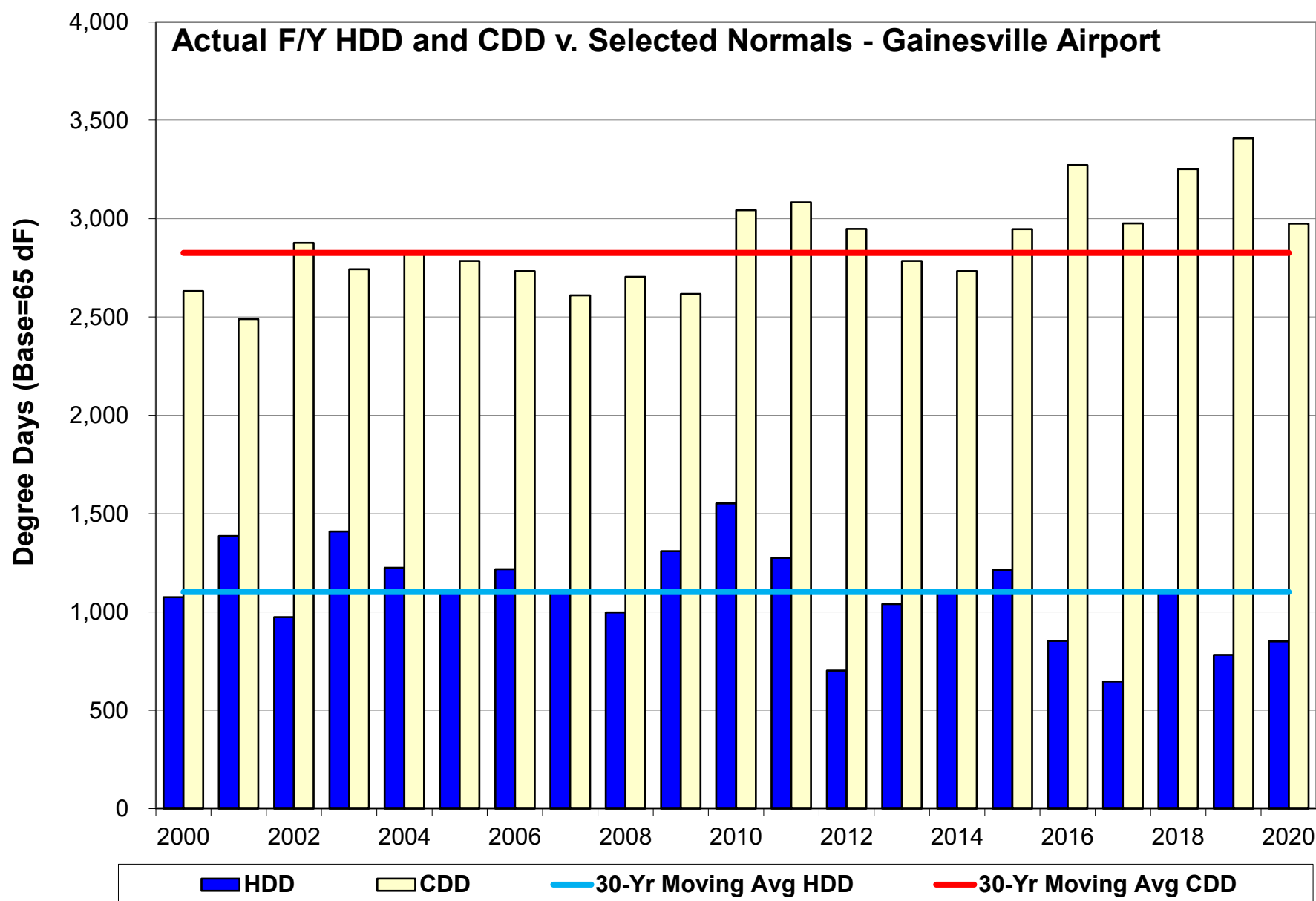
Historical and Projected - Energy Sales by Customer Class
(Fiscal Year 2011-2040)

	Fiscal Year	Residential						General Service Non-Demand						General Service Demand						Large Service Demand						City		TOTAL SALES			DISTR. LOSSES		TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	% Chg			
Historical	2011	46,089		3,101		14,861		11,087		526		21.1		48,101		100		479		8,159		3		2,720		3,312		116,748		7,949	6.4%	124,697		
	2012	41,326	-10.3%	3,097	-0.1%	13,342	-10.2%	10,306	-7.0%	526	-0.1%	19.6	-7.0%	46,582	-3.2%	99	-1.7%	473	-1.4%	6,262	-23.3%	3	0.0%	2,087	-23.3%	3,031	-8.5%	107,507	-7.9%	7,083	6.2%	114,590	-8.1%	
	2013	40,364	-2.3%	3,155	1.9%	12,795	-4.1%	12,146	17.9%	535	1.8%	22.7	15.8%	42,018	-9.8%	105	6.6%	400	-15.4%	5,852	-6.5%	3	0.0%	1,951	-6.5%	2,883	-4.9%	103,263	-3.9%	10,055	8.9%	113,318	-1.1%	
	2014	40,257	-0.3%	3,158	0.1%	12,748	-0.4%	10,224	-15.8%	525	-1.9%	19.5	-14.2%	41,497	-1.2%	106	1.0%	391	-2.2%	667	-88.6%	1	-66.7%	667	-65.8%	2,990	3.7%	95,635	-7.4%	14,730	13.3%	110,365	-2.6%	
	2015	46,784	16.2%	3,186	0.9%	14,685	15.2%	10,696	4.6%	533	1.5%	20.1	3.0%	46,776	12.7%	97	-8.3%	481	23.0%	0	-100.0%	0	-100.0%	0	-100.0%	3,362	12.4%	107,618	12.5%	3,794	3.4%	111,412	0.9%	
	2016	49,112	5.0%	3,307	3.8%	14,849	1.1%	11,574	8.2%	556	4.4%	20.8	3.6%	46,737	-0.1%	95	-2.8%	495	2.8%	0	0.0%	0	0.0%	0	0.0%	3,616	7.6%	111,039	3.2%	2,636	2.3%	113,675	2.0%	
	2017	45,166	-8.0%	3,374	2.0%	13,386	-9.9%	11,292	-2.4%	570	2.4%	19.8	-4.7%	43,029	-7.9%	95	0.4%	454	-8.3%	0	0.0%	0	0.0%	0	0.0%	3,578	-1.1%	103,065	-7.2%	6,460	5.9%	109,525	-3.7%	
	2018	51,251	13.5%	3,437	1.9%	14,911	11.4%	10,430	-7.6%	570	0.1%	18.3	-7.8%	45,692	6.2%	111	17.4%	410	-9.5%	0	0.0%	0	0.0%	0	0.0%	3,615	1.0%	110,988	7.7%	4,007	3.5%	114,995	5.0%	
	2019	49,475	-3.5%	3,463	0.8%	14,287	-4.2%	9,629	-7.7%	554	-2.8%	17.4	-5.0%	45,688	0.0%	130	16.8%	351	-14.4%	0	0.0%	0	0.0%	0	0.0%	3,621	0.2%	108,413	-2.3%	6,496	5.7%	114,909	-0.1%	
	2020	49,931	0.9%	3,542	2.3%	14,095	-1.3%	9,009	-6.4%	549	-0.9%	16.4	-5.5%	45,020	-1.5%	141	8.7%	319	-9.4%	0	0.0%	0	0.0%	0	0.0%	3,786	4.6%	107,746	-0.6%	5,879	5.2%	113,625	-1.1%	
Projected	2021	53,310	6.8%	3,617	2.1%	14,737	4.6%	9,064	0.6%	553	0.7%	16.4	-0.1%	46,671	3.7%	146	3.3%	320	0.3%	0	0.0%	0	0.0%	0	0.0%	3,720	-1.8%	112,765	4.7%	5,591	4.7%	118,356	4.2%	
	2022	54,355	2.0%	3,683	1.8%	14,757	0.1%	9,216	1.7%	565	2.1%	16.3	-0.4%	46,734	0.1%	142	-2.5%	328	2.7%	0	0.0%	0	0.0%	0	0.0%	3,788	1.8%	114,092	1.2%	5,669	4.7%	119,762	1.2%	
	2023	55,339	1.8%	3,740	1.5%	14,798	0.3%	9,387	1.9%	574	1.7%	16.3	0.2%	47,673	2.0%	141	-1.1%	339	3.2%	0	0.0%	0	0.0%	0	0.0%	3,861	1.9%	116,260	1.9%	5,778	4.7%	122,038	1.9%	
	2024	56,189	1.5%	3,791	1.4%	14,820	0.2%	9,587	2.1%	583	1.5%	16.4	0.6%	48,820	2.4%	140	-0.3%	348	2.7%	0	0.0%	0	0.0%	0	0.0%	3,935	1.9%	118,531	2.0%	6,098	4.9%	124,629	2.1%	
	2025	57,127	1.7%	3,840	1.3%	14,877	0.4%	9,757	1.8%	591	1.4%	16.5	0.4%	49,881	2.2%	140	0.1%	355	2.0%	0	0.0%	0	0.0%	0	0.0%	4,009	1.9%	120,774	1.9%	6,003	4.7%	126,777	1.7%	
	2026	58,168	1.8%	3,886	1.2%	14,969	0.6%	9,889	1.4%	598	1.3%	16.5	0.1%	50,794	1.8%	141	0.4%	360	1.4%	0	0.0%	0	0.0%	0	0.0%	4,083	1.8%	122,933	1.8%	6,110	4.7%	129,043	1.8%	
	2027	59,273	1.9%	3,930	1.1%	15,080	0.7%	10,002	1.1%	606	1.2%	16.5	-0.1%	51,628	1.6%	142	0.5%	364	1.1%	0	0.0%	0	0.0%	0	0.0%	4,156	1.8%	125,058	1.7%	6,215	4.7%	131,273	1.7%	
	2028	60,408	1.9%	3,973	1.1%	15,205	0.8%	10,109	1.1%	613	1.2%	16.5	-0.1%	52,442	1.6%	143	0.6%	367	0.9%	0	0.0%	0	0.0%	0	0.0%	4,229	1.8%	127,188	1.7%	6,542	4.9%	133,731	1.9%	
	2029	61,577	1.9%	4,014	1.0%	15,339	0.9%	10,214	1.0%	620	1.2%	16.5	-0.2%	53,254	1.5%	144	0.7%	371	0.9%	0	0.0%	0	0.0%	0	0.0%	4,304	1.8%	129,348	1.7%	6,428	4.7%	135,776	1.5%	
	2030	62,751	1.9%	4,054	1.0%	15,480	0.9%	10,318	1.0%	628	1.2%	16.4	-0.2%	54,070	1.5%	145	0.7%	374	0.8%	0	0.0%	0	0.0%	0	0.0%	4,379	1.8%	131,518	1.7%	6,535	4.7%	138,053	1.7%	
	2031	63,935	1.9%	4,092	0.9%	15,625	0.9%	10,420	1.0%	635	1.1%	16.4	-0.2%	54,872	1.5%	146	0.7%	376	0.8%	1,863	0.0%	1	0.0%	1,808	0.0%	4,454	1.7%	135,544	3.1%	6,734	4.7%	142,278	3.1%	
	2032	65,104	1.8%	4,127	0.9%	15,775	1.0%	10,517	0.9%	642	1.1%	16.4	-0.1%	55,646	1.4%	147	0.7%	379	0.7%	1,984	6.5%	1	6.5%	1,808	0.0%	4,526	1.6%	137,777	1.6%	7,085	4.9%	144,862	1.8%	
	2033	66,274	1.8%	4,160	0.8%	15,931	1.0%	10,615	0.9%	649	1.1%	16.4	-0.1%	56,424	1.4%	148	0.7%	382	0.7%	2,104	6.1%	1	6.1%	1,808	0.0%	4,598	1.6%	140,016	1.6%	6,956	4.7%	146,971	1.5%	
	2034	67,459	1.8%	4,192	0.8%	16,092	1.0%	10,713	0.9%	656	1.1%	16.3	-0.1%	57,210	1.4%	149	0.7%	384	0.7%	2,225	5.7%	1	5.7%	1,808	0.0%	4,672	1.6%	142,278	1.6%	7,068	4.7%	149,346	1.6%	
	2035	68,653	1.8%	4,223	0.7%	16,257	1.0%	10,812	0.9%	663	1.1%	16.3	-0.1%	58,003	1.4%	150	0.7%	387	0.7%	2,345	5.4%	1	5.4%	1,808	0.0%	4,746	1.6%	144,560	1.6%	7,181	4.7%	151,740	1.6%	
	2036	69,881	1.8%	4,255	0.8%	16,424	1.0%	10,910	0.9%	670	1.1%	16.3	-0.1%	58,794	1.4%	151	0.7%	390	0.7%	2,466	5.1%	1	5.1%	1,808	0.0%	4,820	1.6%	146,871	1.6%	7,552	4.9%	154,423	1.8%	
	2037	71,080	1.7%	4,284	0.7%	16,594	1.0%	11,006	0.9%	677	1.0%	16.3	-0.1%	59,573	1.3%	152	0.7%	392	0.7%	2,586	4.9%	1	4.9%	1,808	0.0%	4,894	1.5%	149,139	1.5%	7,407	4.7%	156,546	1.4%	
	2038	72,280	1.7%	4,311	0.6%	16,765	1.0%	11,103	0.9%	683	1.0%	16.2	-0.1%	60,358	1.3%	153	0.7%	395	0.7%	2,706	4.7%	1	4.7%	1,808	0.0%	4,967	1.5%	151,414	1.5%	7,520	4.7%	158,935	1.5%	
	2039	73,507	1.7%	4,340	0.7%	16,938	1.0%	11,199	0.9%	690	1.0%	16.2	-0.1%	61,150	1.3%	154	0.7%	397	0.6%	2,827	4.4%	2	4.5%	1,808	0.0%	5,042	1.5%	153,726	1.5%	7,635	4.7%	161,360	1.5%	
	2040	74,720	1.6%	4,367	0.6%	17,112	1.0%	11,296	0.9%	697	1.0%	16.2	-0.1%	61,948	1.3%	155	0.7%	400	0.6%	2,947	4.3%	2	4.3%	1,808	0.0%	5,118	1.5%	156,029	1.5%	8,021	4.9%	164,051	1.7%	
CAGR	2011-2020		0.9%		1.5%	-0.6%	-2.3%		0.5%		-2.7%		-0.7%		3.9%		-4.4%		-100.0%		-100.0%		-100.0%		1.5%		-0.9%		6.1%		-1.0%			
	2021-2030		1.8%		1.3%	0.5%	1.5%		1.4%		0.0%		1.6%		-0.1%		1.8%		0.0%		0.0%		0.0%		1.8%		1.7%		4.8%		1.7%			
	2031-2040		1.7%		0.7%	1.0%	0.9%		1.0%		-0.1%		1.4%		0.7%		0.7%		0.0%		0.0%		0.0%		1.6%		1.6%		4.8%		1.6%			

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Green Cove Sprgs (Clay County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	141.6	-	50.6	-	54.6	-	1.96	-	2,920	-	4,958	-	98,005	-
2001	145.7	2.9%	53.0	4.8%	48.3	-11.4%	1.62	-17.7%	2,756	-5.6%	5,160	4.1%	97,313	-0.7%
2002	150.9	3.6%	54.8	3.4%	50.8	5.2%	1.63	0.6%	2,938	6.6%	5,387	4.4%	98,227	0.9%
2003	155.6	3.1%	57.0	4.0%	53.8	5.9%	1.58	-2.8%	3,091	5.2%	5,734	6.5%	100,570	2.4%
2004	163.2	4.9%	59.4	4.2%	56.3	4.5%	1.65	4.2%	3,288	6.4%	6,009	4.8%	101,153	0.6%
2005	169.4	3.8%	61.6	3.8%	60.4	7.4%	1.77	7.3%	3,531	7.4%	6,402	6.5%	103,856	2.7%
2006	178.3	5.3%	64.7	4.9%	65.5	8.4%	1.97	11.1%	3,960	12.2%	6,787	6.0%	104,948	1.1%
2007	184.3	3.3%	67.0	3.6%	66.4	1.4%	1.79	-8.9%	4,069	2.8%	7,020	3.4%	104,775	-0.2%
2008	187.3	1.6%	67.8	1.1%	65.6	-1.3%	1.75	-2.5%	3,925	-3.6%	6,995	-0.3%	103,228	-1.5%
2009	189.1	1.0%	68.0	0.3%	63.2	-3.6%	1.47	-15.8%	3,826	-2.5%	6,720	-3.9%	98,869	-4.2%
2010	191.4	1.2%	69.0	1.5%	62.0	-1.8%	1.24	-15.5%	3,726	-2.6%	6,781	0.9%	98,277	-0.6%
2011	192.3	0.4%	69.8	1.2%	61.7	-0.6%	1.35	8.5%	3,564	-4.3%	6,899	1.7%	98,790	0.5%
2012	193.8	0.8%	70.9	1.5%	62.9	1.9%	1.39	3.0%	3,713	4.2%	7,013	1.6%	98,957	0.2%
2013	195.6	0.9%	72.3	2.0%	65.7	4.6%	1.52	9.4%	3,846	3.6%	7,049	0.5%	97,535	-1.4%
2014	198.6	1.5%	73.8	2.1%	68.0	3.4%	1.48	-2.5%	3,994	3.8%	7,388	4.8%	100,125	2.7%
2015	202.4	1.9%	75.6	2.4%	69.8	2.7%	1.48	-0.2%	4,204	5.3%	7,821	5.9%	103,469	3.3%
2016	207.2	2.4%	77.4	2.4%	72.9	4.4%	1.60	7.8%	4,423	5.2%	8,112	3.7%	104,759	1.2%
2017	212.2	2.4%	78.7	1.6%	76.7	5.2%	1.77	10.8%	4,528	2.4%	8,287	2.2%	105,356	0.6%
2018	216.1	1.8%	80.4	2.2%	79.1	3.1%	1.80	1.7%	4,712	4.1%	8,573	3.5%	106,678	1.3%
2019	219.7	1.7%	82.4	2.5%	81.1	2.4%	1.82	1.1%	4,897	3.9%	8,891	3.7%	107,939	1.2%
2020	223.4	1.7%	84.3	2.3%	82.9	2.3%	1.82	0.3%	5,054	3.2%	9,214	3.6%	109,341	1.3%
2021	227.1	1.7%	86.1	2.2%	84.8	2.3%	1.84	0.7%	5,215	3.2%	9,541	3.6%	110,785	1.3%
2022	230.8	1.6%	87.9	2.0%	86.7	2.2%	1.84	0.2%	5,378	3.1%	9,876	3.5%	112,378	1.4%
2023	234.5	1.6%	89.6	1.9%	88.6	2.2%	1.85	0.5%	5,545	3.1%	10,217	3.5%	114,083	1.5%
2024	238.2	1.6%	91.2	1.8%	90.5	2.1%	1.86	0.6%	5,714	3.1%	10,566	3.4%	115,881	1.6%
2025	241.9	1.6%	92.7	1.7%	92.4	2.1%	1.87	0.4%	5,888	3.0%	10,923	3.4%	117,773	1.6%
2026	245.4	1.5%	94.2	1.6%	94.2	2.0%	1.88	0.4%	6,060	2.9%	11,274	3.2%	119,688	1.6%
2027	249.0	1.4%	95.6	1.5%	96.1	2.0%	1.88	0.4%	6,237	2.9%	11,633	3.2%	121,679	1.7%
2028	252.5	1.4%	97.0	1.4%	98.0	1.9%	1.89	0.4%	6,418	2.9%	12,002	3.2%	123,745	1.7%
2029	256.1	1.4%	98.3	1.4%	99.9	1.9%	1.90	0.4%	6,604	2.9%	12,381	3.2%	125,904	1.7%
2030	259.6	1.4%	99.6	1.3%	101.8	1.9%	1.91	0.4%	6,794	2.9%	12,769	3.1%	128,151	1.8%
2031	262.9	1.2%	100.8	1.1%	103.6	1.8%	1.91	0.3%	6,981	2.7%	13,140	2.9%	130,374	1.7%
2032	266.1	1.2%	101.9	1.1%	105.4	1.8%	1.92	0.4%	7,173	2.7%	13,519	2.9%	132,677	1.8%
2033	269.4	1.2%	103.0	1.1%	107.3	1.8%	1.93	0.3%	7,369	2.7%	13,908	2.9%	135,054	1.8%
2034	272.6	1.2%	104.0	1.0%	109.1	1.7%	1.93	0.4%	7,571	2.7%	14,306	2.9%	137,496	1.8%
2035	275.9	1.2%	105.1	1.0%	111.0	1.7%	1.94	0.4%	7,778	2.7%	14,714	2.9%	140,009	1.8%
2036	278.9	1.1%	106.1	0.9%	112.9	1.7%	1.95	0.3%	7,985	2.7%	15,116	2.7%	142,527	1.8%
2037	282.0	1.1%	107.0	0.9%	114.8	1.7%	1.95	0.3%	8,198	2.7%	15,527	2.7%	145,101	1.8%
2038	285.0	1.1%	108.0	0.9%	116.7	1.7%	1.96	0.3%	8,417	2.7%	15,948	2.7%	147,730	1.8%
2039	288.0	1.1%	108.9	0.9%	118.7	1.7%	1.96	0.3%	8,641	2.7%	16,377	2.7%	150,404	1.8%
2040	291.1	1.1%	109.8	0.9%	120.6	1.7%	1.97	0.3%	8,871	2.7%	16,817	2.7%	153,104	1.8%
Average Percent Change														
2010-2020		1.6%		2.0%		2.9%		3.9%		3.1%		3.1%		1.1%
2021-2030		1.5%		1.6%		2.0%		0.4%		3.0%		3.3%		1.6%
2031-2040		1.1%		1.0%		1.7%		0.3%		2.7%		2.8%		1.8%



Havana

FMPA 2021 Load Forecast - Base Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	26,524	-	25,146	-	-5.2%	6.2	-	6.5	-	4.5%	6.0	-	4.7	-	-21.4%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.5	-11.1%	5.2	-19.5%	-5.4%	4.9	-18.6%	4.5	-3.0%	-6.4%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.1	-8.7%	6.0	13.6%	17.7%	4.7	-3.8%	4.8	5.3%	2.5%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	5.4	6.6%	6.1	2.9%	13.6%	4.8	3.1%	5.1	7.5%	6.8%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.0	11.5%	6.9	12.4%	14.6%	4.6	-3.7%	5.9	15.4%	28.0%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	3.1	-47.7%	6.1	-12.0%	92.9%	5.5	18.4%	5.0	-15.0%	-8.2%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	3.3	5.4%	6.0	-1.6%	80.2%	3.7	-32.4%	4.3	-15.1%	15.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	6.9	108.6%	6.4	8.0%	-6.7%	5.2	39.3%	5.1	18.7%	-1.7%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	2.8	-60.1%	5.6	-13.1%	103.3%	5.5	7.3%	5.1	1.4%	-7.1%
	2020	24,721	-3.6%	25,123	-0.3%	1.6%	3.6	30.9%	7.1	27.0%	97.2%	4.8	-12.7%	6.3	23.3%	31.2%
Projected	2021	25,254	2.2%	25,254	0.5%		5.9	63.7%	5.9	-17.0%		4.8	-0.7%	4.8	-24.3%	
	2022			25,462	0.8%				6.0	0.9%				4.8	0.7%	
	2023			25,513	0.2%				6.0	0.2%				4.8	0.1%	
	2024			25,616	0.4%				6.0	-0.1%				4.9	0.1%	
	2025			25,578	-0.1%				6.0	0.3%				4.9	0.1%	
	2026			25,609	0.1%				6.0	0.0%				4.9	0.2%	
	2027			25,692	0.3%				6.0	0.3%				4.9	0.4%	
	2028			25,846	0.6%				6.0	0.0%				4.9	0.4%	
	2029			25,920	0.3%				6.1	0.8%				4.9	0.5%	
	2030			26,064	0.6%				6.1	0.5%				5.0	0.6%	
	2031			26,229	0.6%				6.1	0.6%				5.0	0.6%	
	2032			26,458	0.9%				6.1	0.3%				5.0	0.7%	
	2033			26,596	0.5%				6.2	1.0%				5.1	0.7%	
	2034			26,802	0.8%				6.3	0.8%				5.1	0.8%	
	2035			27,005	0.8%				6.3	0.8%				5.1	0.7%	
	2036			27,253	0.9%				6.3	0.4%				5.2	0.7%	
	2037			27,387	0.5%				6.4	1.0%				5.2	0.7%	
	2038			27,568	0.7%				6.4	0.6%				5.2	0.7%	
	2039			27,757	0.7%				6.5	0.7%				5.3	0.7%	
	2040			27,999	0.9%				6.5	0.4%				5.3	0.7%	
CAGR ^[3]	2011-2020		-0.8%		0.0%			-5.9%		1.0%			-2.3%		3.4%	
	2021-2030				0.4%					0.3%					0.3%	
	2031-2040				0.7%					0.7%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Havana

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	26,524	-	26,524	-	6.4	6.2	6.4	6.2	6.2	6.0	6.2	6.0
	2012	23,930	-9.8%	23,930	-9.8%	5.8	5.7	5.8	5.7	5.5	4.9	5.5	4.9
	2013	24,585	2.7%	24,585	2.7%	5.3	5.6	5.3	5.6	5.1	4.7	5.1	4.7
	2014	25,176	2.4%	25,176	2.4%	6.4	5.8	6.4	5.8	5.4	4.8	5.4	4.8
	2015	25,771	2.4%	25,771	2.4%	6.2	5.8	6.2	5.8	6.0	4.6	6.0	4.6
	2016	24,925	-3.3%	24,925	-3.3%	6.2	5.7	6.2	5.7	3.1	5.5	3.1	5.5
	2017	23,634	-5.2%	23,634	-5.2%	6.2	5.7	6.2	5.7	3.3	3.7	3.3	3.7
	2018	25,402	7.5%	25,402	7.5%	7.0	5.7	7.0	5.7	6.9	5.2	6.9	5.2
	2019	25,637	0.9%	25,637	0.9%	5.8	5.7	5.8	5.7	2.8	5.5	2.8	5.5
	2020	24,721	-3.6%	25,791	0.6%	5.7	5.6	6.4	5.9	3.6	4.8	5.9	4.8
Projected	2021	25,254	2.2%	25,637	-0.6%	6.4	5.8	6.4	5.9	5.9	4.8	5.9	4.8
	2022	25,462	0.8%	25,677	0.2%	6.4	5.8	6.4	5.9	6.0	4.8	5.9	4.8
	2023	25,513	0.2%	25,727	0.2%	6.4	5.9	6.4	5.9	6.0	4.8	5.9	4.8
	2024	25,616	0.4%	25,821	0.4%	6.4	5.9	6.4	5.9	6.0	4.9	5.9	4.8
	2025	25,578	-0.1%	25,814	0.0%	6.4	5.9	6.4	5.9	6.0	4.9	6.0	4.8
	2026	25,609	0.1%	25,879	0.3%	6.4	5.9	6.4	5.9	6.0	4.9	6.0	4.8
	2027	25,692	0.3%	25,958	0.3%	6.5	5.9	6.5	5.9	6.0	4.9	6.0	4.8
	2028	25,846	0.6%	26,077	0.5%	6.5	5.9	6.5	6.0	6.0	4.9	6.0	4.8
	2029	25,920	0.3%	26,080	0.0%	6.5	6.0	6.5	6.0	6.1	4.9	6.0	4.8
	2030	26,064	0.6%	26,139	0.2%	6.5	6.0	6.5	6.0	6.1	5.0	6.0	4.9
	2031	26,229	0.6%	26,217	0.3%	6.6	6.0	6.5	6.0	6.1	5.0	6.0	4.9
	2032	26,458	0.9%	26,355	0.5%	6.6	6.1	6.5	6.0	6.1	5.0	6.0	4.9
	2033	26,596	0.5%	26,387	0.1%	6.7	6.1	6.6	6.0	6.2	5.1	6.1	4.9
	2034	26,802	0.8%	26,471	0.3%	6.7	6.2	6.6	6.1	6.3	5.1	6.1	4.9
	2035	27,005	0.8%	26,548	0.3%	6.8	6.2	6.6	6.1	6.3	5.1	6.1	4.9
	2036	27,253	0.9%	26,670	0.5%	6.8	6.3	6.6	6.1	6.3	5.2	6.1	4.9
	2037	27,387	0.5%	26,679	0.0%	6.9	6.3	6.6	6.1	6.4	5.2	6.2	5.0
	2038	27,568	0.7%	26,732	0.2%	6.9	6.3	6.7	6.1	6.4	5.2	6.2	5.0
	2039	27,757	0.7%	26,786	0.2%	7.0	6.4	6.7	6.1	6.5	5.3	6.2	5.0
	2040	27,999	0.9%			7.0	6.4			6.5	5.3		
CAGR ^[1]	Historical		-0.8%		-0.4%	-1.3%	-1.1%	-1.4%	-0.9%	-5.2%	0.0%	-9.5%	1.9%
	1st 10 Prj Yrs		0.4%		0.1%	0.3%	0.3%	0.2%	0.2%	0.3%	0.3%	0.2%	0.2%
	2nd 10 Prj Yrs		0.7%		0.3%	0.7%	0.7%	0.3%	0.3%	0.7%	0.7%	0.3%	0.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Havana

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

Year		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	26,524	-	25,146	-	-5.2%	6.2	-	6.5	-	4.5%	6.0	-	4.7	-	-21.4%
	2012	23,930	-9.8%	24,575	-2.3%	2.7%	5.5	-11.1%	5.2	-19.5%	-5.4%	4.9	-18.6%	4.5	-3.0%	-6.4%
	2013	24,585	2.7%	25,155	2.4%	2.3%	5.1	-8.7%	6.0	13.6%	17.7%	4.7	-3.8%	4.8	5.3%	2.5%
	2014	25,176	2.4%	25,021	-0.5%	-0.6%	5.4	6.6%	6.1	2.9%	13.6%	4.8	3.1%	5.1	7.5%	6.8%
	2015	25,771	2.4%	24,822	-0.8%	-3.7%	6.0	11.5%	6.9	12.4%	14.6%	4.6	-3.7%	5.9	15.4%	28.0%
	2016	24,925	-3.3%	24,702	-0.5%	-0.9%	3.1	-47.7%	6.1	-12.0%	92.9%	5.5	18.4%	5.0	-15.0%	-8.2%
	2017	23,634	-5.2%	24,620	-0.3%	4.2%	3.3	5.4%	6.0	-1.6%	80.2%	3.7	-32.4%	4.3	-15.1%	15.3%
	2018	25,402	7.5%	25,274	2.7%	-0.5%	6.9	108.6%	6.4	8.0%	-6.7%	5.2	39.3%	5.1	18.7%	-1.7%
	2019	25,637	0.9%	25,203	-0.3%	-1.7%	2.8	-60.1%	5.6	-13.1%	103.3%	5.5	7.3%	5.1	1.4%	-7.1%
	2020	24,721	-3.6%	24,800	-1.6%	0.3%	3.6	30.9%	7.1	27.0%	97.2%	4.8	-12.7%	6.3	23.3%	31.2%
Projected	2021	25,242	2.1%	25,242	1.8%		5.9	63.7%	5.9	-17.0%		4.8	-0.8%	4.8	-24.3%	
	2022			25,438	0.8%				6.0	0.9%				4.8	0.6%	
	2023			25,476	0.1%				6.0	0.2%				4.8	0.1%	
	2024			25,567	0.4%				6.0	-0.1%				4.8	0.1%	
	2025			25,517	-0.2%				6.0	0.3%				4.8	0.0%	
	2026			25,536	0.1%				6.0	0.0%				4.8	0.1%	
	2027			25,607	0.3%				6.0	0.3%				4.9	0.3%	
	2028			25,748	0.6%				6.0	0.0%				4.9	0.4%	
	2029			25,811	0.2%				6.1	0.8%				4.9	0.5%	
	2030			25,943	0.5%				6.1	0.5%				4.9	0.5%	
	2031			26,097	0.6%				6.1	0.6%				5.0	0.6%	
	2032			26,313	0.8%				6.1	0.3%				5.0	0.6%	
	2033			26,440	0.5%				6.2	1.0%				5.0	0.7%	
	2034			26,684	0.9%				6.3	0.8%				5.1	1.0%	
	2035			26,875	0.7%				6.3	0.8%				5.1	0.7%	
	2036			27,111	0.9%				6.3	0.4%				5.1	0.7%	
	2037			27,234	0.5%				6.4	1.0%				5.2	0.6%	
	2038			27,403	0.6%				6.4	0.6%				5.2	0.6%	
	2039			27,581	0.6%				6.5	0.7%				5.2	0.6%	
	2040			27,811	0.8%				6.5	0.4%				5.3	0.6%	
CAGR ^[3]	2011-2020		-0.8%		-0.2%			-5.9%		1.0%			-2.3%		3.4%	
	2021-2030				0.3%					0.3%					0.3%	
	2031-2040				0.7%					0.7%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Havana
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,626	1,850	1,661	1,724	2,125	2,655	2,591	2,834	2,145	1,679	1,698	1,958	25,549	26,524
	2012	2,027	1,761	1,690	1,671	2,128	2,207	2,563	2,399	2,150	1,795	1,808	2,055	24,252	23,930
	2013	1,931	1,843	2,040	1,652	1,968	2,452	2,302	2,498	2,243	1,813	1,782	2,016	24,538	24,585
	2014	2,663	1,797	1,788	1,598	1,973	2,377	2,503	2,670	2,196	1,766	2,002	2,056	25,388	25,176
	2015	2,306	2,194	1,728	1,693	2,145	2,419	2,752	2,612	2,102	1,753	1,740	1,832	25,274	25,771
	2016	2,385	1,968	1,658	1,604	2,018	2,443	2,668	2,598	2,259	1,813	1,651	1,905	24,968	24,925
	2017	1,965	1,518	1,731	1,710	2,019	2,132	2,534	2,545	2,111	1,948	1,692	2,219	24,125	23,634
	2018	2,765	1,550	1,768	1,563	2,064	2,467	2,514	2,428	2,425	1,785	1,872	2,183	25,382	25,402
	2019	2,320	1,572	1,758	1,644	2,283	2,469	2,592	2,642	2,518	2,002	1,809	2,008	25,617	25,637
	2020	2,041	1,848	1,785	1,643	1,987	2,334	2,622	2,558	2,082	1,741	1,671	2,220	24,534	24,721
Projected	2021	2,413	1,734	2,036	1,505	2,054	2,412	2,632	2,525	2,300	1,749	1,688	2,211	25,258	25,242
	2022	2,470	1,743	2,077	1,499	2,072	2,434	2,644	2,521	2,330	1,750	1,698	2,211	25,448	25,438
	2023	2,482	1,743	2,087	1,496	2,076	2,436	2,644	2,518	2,337	1,749	1,701	2,215	25,483	25,476
	2024	2,490	1,797	2,092	1,499	2,081	2,440	2,646	2,519	2,338	1,749	1,702	2,214	25,567	25,567
	2025	2,490	1,745	2,092	1,499	2,082	2,440	2,646	2,518	2,339	1,750	1,703	2,215	25,518	25,517
	2026	2,489	1,745	2,093	1,500	2,085	2,443	2,650	2,522	2,343	1,753	1,707	2,220	25,549	25,536
	2027	2,496	1,750	2,098	1,504	2,092	2,450	2,658	2,530	2,350	1,759	1,713	2,228	25,625	25,607
	2028	2,503	1,807	2,105	1,509	2,100	2,459	2,668	2,539	2,359	1,766	1,720	2,237	25,772	25,748
	2029	2,514	1,763	2,114	1,516	2,109	2,470	2,680	2,551	2,370	1,774	1,728	2,248	25,838	25,811
	2030	2,526	1,772	2,125	1,523	2,120	2,483	2,694	2,565	2,383	1,784	1,738	2,262	25,977	25,943
Projected	2031	2,542	1,783	2,137	1,532	2,133	2,498	2,710	2,580	2,397	1,794	1,749	2,276	26,132	26,097
	2032	2,558	1,847	2,151	1,541	2,147	2,514	2,728	2,596	2,413	1,806	1,760	2,292	26,352	26,313
	2033	2,575	1,806	2,165	1,552	2,161	2,531	2,747	2,615	2,430	1,823	1,777	2,311	26,493	26,440
	2034	2,597	1,822	2,185	1,567	2,181	2,555	2,772	2,639	2,453	1,836	1,790	2,329	26,727	26,684
	2035	2,617	1,836	2,201	1,578	2,197	2,573	2,792	2,657	2,469	1,848	1,801	2,345	26,914	26,875
	2036	2,635	1,903	2,216	1,588	2,212	2,590	2,811	2,675	2,486	1,861	1,814	2,361	27,152	27,111
	2037	2,654	1,861	2,231	1,598	2,226	2,607	2,828	2,692	2,501	1,872	1,824	2,376	27,270	27,234
	2038	2,670	1,873	2,244	1,608	2,240	2,623	2,846	2,709	2,517	1,884	1,836	2,392	27,443	27,403
	2039	2,688	1,885	2,259	1,618	2,254	2,640	2,864	2,726	2,533	1,896	1,848	2,408	27,619	27,581
	2040	2,706	1,953	2,273	1,628	2,268	2,656	2,882	2,744	2,549	1,908	1,859	2,423	27,850	27,811

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	10.3%	7.2%	6.5%	6.7%	8.3%	10.4%	10.1%	11.1%	8.4%	6.6%	6.6%	7.7%	100.0%
	2012	8.4%	7.3%	7.0%	6.9%	8.8%	9.1%	10.6%	9.9%	8.9%	7.4%	7.5%	8.5%	100.0%
	2013	7.9%	7.5%	8.3%	6.7%	8.0%	10.0%	9.4%	10.2%	9.1%	7.4%	7.3%	8.2%	100.0%
	2014	10.5%	7.1%	7.0%	6.3%	7.8%	9.4%	9.9%	10.5%	8.7%	7.0%	7.9%	8.1%	100.0%
	2015	9.1%	8.7%	6.8%	6.7%	8.5%	9.6%	10.9%	10.3%	8.3%	6.9%	6.9%	7.2%	100.0%
	2016	9.6%	7.9%	6.6%	6.4%	8.1%	9.8%	10.7%	10.4%	9.0%	7.3%	6.6%	7.6%	100.0%
	2017	8.1%	6.3%	7.2%	7.1%	8.4%	8.8%	10.5%	10.5%	8.8%	8.1%	7.0%	9.2%	100.0%
	2018	10.9%	6.1%	7.0%	6.2%	8.1%	9.7%	9.9%	9.6%	9.6%	7.0%	7.4%	8.6%	100.0%
	2019	9.1%	6.1%	6.9%	6.4%	8.9%	9.6%	10.1%	10.3%	9.8%	7.8%	7.1%	7.8%	100.0%
	2020	8.3%	7.5%	7.3%	6.7%	8.1%	9.5%	10.7%	10.4%	8.5%	7.1%	6.8%	9.0%	100.0%
Projected	2021	9.6%	6.9%	8.1%	6.0%	8.1%	9.5%	10.4%	10.0%	9.1%	6.9%	6.7%	8.8%	100.0%
	2022	9.7%	6.8%	8.2%	5.9%	8.1%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2023	9.7%	6.8%	8.2%	5.9%	8.1%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2024	9.7%	7.0%	8.2%	5.9%	8.1%	9.5%	10.4%	9.9%	9.1%	6.8%	6.7%	8.7%	100.0%
	2025	9.8%	6.8%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2026	9.7%	6.8%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2027	9.7%	6.8%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2028	9.7%	7.0%	8.2%	5.9%	8.1%	9.5%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2029	9.7%	6.8%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
	2030	9.7%	6.8%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%
Avg.	2011-2020	9.2%	7.2%	7.1%	6.6%	8.3%	9.6%	10.3%	10.3%	8.9%	7.3%	7.1%	8.2%	100.0%
	2021-2030	9.7%	6.9%	8.2%	5.9%	8.2%	9.6%	10.4%	9.9%	9.2%	6.9%	6.7%	8.7%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12

FMPA 2021 Load Forecast - Base Case
Havana
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.4	5.3	3.9	4.2	5.2	6.2	5.7	6.0	5.2	3.5	4.2	4.7	6.4	6.2
	2012	5.6	5.8	3.6	4.5	5.1	5.6	5.7	5.4	5.1	4.2	4.3	5.1	5.8	5.7
	2013	4.8	5.3	5.1	3.5	4.7	5.6	5.2	5.3	5.3	4.4	5.0	4.8	5.3	5.6
	2014	6.4	5.0	4.3	3.6	4.7	5.5	5.6	5.8	5.4	4.4	5.8	5.1	6.4	5.8
	2015	6.2	6.0	4.2	3.8	5.0	5.8	5.7	5.6	5.0	4.2	4.1	5.0	6.2	5.8
	2016	6.2	5.6	3.6	4.2	4.9	5.6	5.7	5.4	5.0	4.6	3.8	4.9	6.2	5.7
	2017	6.2	4.0	4.8	4.0	4.9	5.1	5.5	5.7	4.8	4.5	3.9	5.9	6.2	5.7
	2018	7.0	4.8	4.7	3.2	4.8	5.7	5.5	5.2	5.3	5.0	5.2	5.8	7.0	5.7
	2019	5.7	4.3	4.9	3.8	5.5	5.7	5.7	5.6	5.7	5.4	4.8	5.3	5.8	5.7
	2020	5.7	5.5	4.3	4.3	4.7	5.5	5.6	5.6	5.4	4.5	4.9	5.4	5.7	5.6
Projected	2021	6.4	5.7	4.3	3.9	5.0	5.7	5.8	5.5	5.3	4.7	4.9	5.4	6.4	5.8
	2022	6.4	5.8	4.3	3.9	5.1	5.7	5.8	5.6	5.3	4.7	4.9	5.4	6.4	5.8
	2023	6.4	5.8	4.3	3.9	5.1	5.7	5.8	5.6	5.3	4.7	4.9	5.4	6.4	5.8
	2024	6.4	5.8	4.3	4.0	5.1	5.7	5.9	5.6	5.3	4.7	5.0	5.4	6.4	5.9
	2025	6.4	5.8	4.4	4.0	5.1	5.7	5.9	5.6	5.3	4.7	5.0	5.4	6.4	5.9
	2026	6.4	5.8	4.4	4.0	5.1	5.7	5.9	5.6	5.3	4.7	5.0	5.5	6.4	5.9
	2027	6.5	5.8	4.4	4.0	5.1	5.7	5.9	5.6	5.4	4.7	5.0	5.5	6.5	5.9
	2028	6.5	5.8	4.4	4.0	5.1	5.8	5.9	5.6	5.4	4.7	5.0	5.5	6.5	5.9
	2029	6.5	5.8	4.4	4.0	5.1	5.8	5.9	5.6	5.4	4.8	5.0	5.5	6.5	5.9
	2030	6.5	5.9	4.4	4.0	5.2	5.8	6.0	5.7	5.4	4.8	5.1	5.6	6.5	6.0
Projected	2031	6.6	5.9	4.5	4.1	5.2	5.8	6.0	5.7	5.5	4.8	5.1	5.6	6.6	6.0
	2032	6.6	5.9	4.5	4.1	5.2	5.9	6.0	5.7	5.5	4.9	5.1	5.6	6.6	6.0
	2033	6.7	6.0	4.5	4.1	5.3	5.9	6.1	5.8	5.5	4.9	5.2	5.7	6.7	6.1
	2034	6.7	6.0	4.6	4.1	5.3	6.0	6.1	5.8	5.6	4.9	5.2	5.7	6.7	6.1
	2035	6.8	6.1	4.6	4.2	5.4	6.0	6.2	5.9	5.6	5.0	5.2	5.8	6.8	6.2
	2036	6.8	6.1	4.6	4.2	5.4	6.1	6.2	5.9	5.7	5.0	5.3	5.8	6.8	6.2
	2037	6.9	6.2	4.7	4.2	5.4	6.1	6.3	5.9	5.7	5.0	5.3	5.9	6.9	6.3
	2038	6.9	6.2	4.7	4.3	5.5	6.1	6.3	6.0	5.7	5.1	5.4	5.9	6.9	6.3
	2039	7.0	6.3	4.7	4.3	5.5	6.2	6.3	6.0	5.8	5.1	5.4	5.9	7.0	6.3
	2040	7.0	6.3	4.7	4.3	5.5	6.2	6.4	6.1	5.8	5.1	5.4	6.0	7.0	6.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.8%	52.0%	56.9%	57.2%	55.1%	59.9%	60.7%	63.9%	56.8%	65.0%	55.5%	55.6%	45.3%	49.2%
	2012	48.6%	43.9%	63.0%	51.9%	56.0%	54.9%	60.5%	59.4%	58.3%	57.4%	58.2%	54.6%	48.0%	48.0%
	2013	54.0%	52.2%	54.2%	65.5%	56.7%	60.8%	60.0%	63.2%	59.0%	56.0%	49.6%	55.9%	53.4%	50.1%
	2014	55.8%	53.3%	55.8%	62.4%	56.3%	60.2%	59.9%	61.5%	56.5%	54.3%	48.2%	54.2%	45.2%	49.3%
	2015	49.8%	54.3%	54.7%	62.2%	58.1%	57.9%	64.9%	63.2%	58.1%	55.7%	59.3%	49.2%	46.3%	50.7%
	2016	51.6%	50.9%	61.2%	53.3%	55.3%	61.0%	63.4%	65.0%	63.0%	52.8%	61.0%	52.4%	45.9%	50.3%
	2017	42.9%	56.3%	48.7%	58.7%	55.7%	57.5%	61.4%	60.0%	61.0%	58.0%	60.8%	50.7%	44.7%	47.3%
	2018	53.3%	47.8%	50.6%	68.5%	57.9%	60.0%	61.8%	62.5%	63.1%	47.9%	49.6%	50.9%	41.5%	50.8%
	2019	54.7%	54.9%	47.8%	59.5%	55.6%	60.6%	61.0%	62.9%	61.4%	50.0%	52.8%	51.3%	50.7%	51.2%
	2020	47.8%	48.4%	55.6%	52.8%	56.5%	59.2%	63.4%	61.8%	53.7%	52.4%	47.5%	55.6%	48.8%	50.7%
Projected	2021	51.1%	45.2%	63.6%	53.3%	54.9%	59.1%	60.9%	61.5%	60.3%	50.4%	47.6%	54.8%	45.4%	49.6%
	2022	51.8%	45.0%	64.3%	52.8%	55.0%	59.3%	60.8%	61.0%	60.7%	50.1%	47.7%	54.7%	45.3%	49.7%
	2023	51.9%	45.0%	64.5%	52.6%	55.1%	59.3%	60.8%	60.9%	60.8%	50.0%	47.9%	54.8%	45.3%	49.7%
	2024	52.1%	44.8%	64.7%	52.7%	55.2%	59.4%	60.8%	60.9%	60.8%	50.0%	47.7%	54.7%	45.5%	49.9%
	2025	52.0%	44.9%	64.5%	52.7%	55.2%	59.4%	60.8%	60.9%	60.8%	50.0%	47.7%	54.7%	45.2%	49.8%
	2026	51.9%	44.9%	64.5%	52.6%	55.1%	59.4%	60.8%	60.9%	60.8%	50.0%	47.7%	54.6%	45.3%	49.8%
	2027	51.9%	44.9%	64.5%	52.6%	55.1%	59.4%	60.8%	60.9%	60.8%	50.0%	47.9%	54.8%	45.3%	49.7%
	2028	52.1%	44.7%	64.7%	52.6%	55.1%	59.3%	60.8%	60.9%	60.9%	50.0%	47.7%	54.6%	45.5%	49.8%
	2029	51.9%	44.9%	64.5%	52.5%	55.1%	59.3%	60.8%	60.9%	60.9%	50.0%	47.7%	54.6%	45.3%	49.7%
	2030	51.9%	44.9%	64.5%	52.5%	55.1%	59.3%	60.8%	60.9%	60.9%	50.0%	47.7%	54.6%	45.3%	49.7%
Avg.	2011-2020	51.3%	51.4%	54.9%	59.2%	56.3%	59.2%	61.7%	62.3%	59.1%	54.9%	54.3%	53.0%	47.0%	49.8%
	2021-2030	51.9%	44.9%	64.4%	52.7%	55.1%	59.3%	60.8%	61.0%	60.8%	50.0%	47.7%	54.7%	45.3%	49.7%

FMPA 2021 Load Forecast - Base Case
Havana
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	6.4	4.6	2.7	4.2	5.1	5.9	5.2	6.0	4.0	2.9	2.8	2.8	6.2	6.0
	2012	5.5	5.4	3.0	3.3	4.9	5.3	4.9	3.8	3.3	3.1	2.8	5.1	5.5	4.9
	2013	4.8	5.0	5.1	2.8	4.3	5.3	5.0	4.7	5.2	4.2	2.6	2.9	5.1	4.7
	2014	5.4	5.0	4.0	3.6	4.6	4.8	5.5	4.8	4.8	3.1	5.5	4.7	5.4	4.8
	2015	6.1	6.0	2.8	3.5	4.9	4.6	5.2	5.3	4.1	3.9	3.1	2.8	6.0	4.6
	2016	5.5	5.4	3.5	4.2	4.9	5.3	5.5	5.1	4.7	3.7	2.8	2.8	3.1	5.5
	2017	5.7	2.4	3.3	3.9	4.1	4.6	5.4	3.7	4.1	4.4	2.9	5.7	3.3	3.7
	2018	6.9	2.7	2.7	2.2	4.3	5.0	3.7	5.2	4.9	5.0	2.8	5.4	6.9	5.2
	2019	3.9	2.6	2.7	3.7	5.4	5.5	5.6	4.3	5.3	2.6	2.4	3.0	2.8	5.5
	2020	5.7	2.1	3.6	4.3	4.5	4.8	5.3	5.0	5.2	3.8	3.3	4.1	3.6	4.8
Projected	2021	5.9	4.5	3.3	3.6	4.8	5.2	5.3	4.8	4.6	3.9	3.3	4.2	5.9	4.8
	2022	6.0	4.6	3.3	3.6	4.8	5.2	5.4	4.8	4.7	3.9	3.3	4.2	6.0	4.8
	2023	6.0	4.6	3.4	3.6	4.8	5.2	5.4	4.8	4.7	3.9	3.3	4.2	6.0	4.8
	2024	6.0	4.6	3.3	3.6	4.8	5.2	5.4	4.8	4.7	4.0	3.4	4.2	6.0	4.8
	2025	6.0	4.6	3.4	3.6	4.8	5.2	5.4	4.8	4.7	4.0	3.4	4.2	6.0	4.8
	2026	6.0	4.6	3.4	3.6	4.8	5.2	5.4	4.8	4.7	4.0	3.4	4.2	6.0	4.8
	2027	6.0	4.6	3.4	3.6	4.8	5.2	5.4	4.9	4.7	4.0	3.4	4.2	6.0	4.9
	2028	6.0	4.6	3.4	3.6	4.9	5.2	5.4	4.9	4.7	4.0	3.4	4.2	6.0	4.9
	2029	6.1	4.6	3.4	3.6	4.9	5.3	5.4	4.9	4.7	4.0	3.4	4.3	6.1	4.9
	2030	6.1	4.6	3.4	3.7	4.9	5.3	5.5	4.9	4.7	4.0	3.4	4.3	6.1	4.9
Projected	2031	6.1	4.7	3.4	3.7	4.9	5.3	5.5	5.0	4.8	4.1	3.4	4.3	6.1	5.0
	2032	6.1	4.7	3.4	3.7	5.0	5.4	5.5	5.0	4.8	4.1	3.5	4.3	6.1	5.0
	2033	6.2	4.7	3.5	3.7	5.0	5.4	5.6	5.0	4.8	4.1	3.5	4.4	6.2	5.0
	2034	6.3	4.8	3.5	3.8	5.1	5.4	5.6	5.1	4.9	4.1	3.5	4.4	6.3	5.1
	2035	6.3	4.8	3.5	3.8	5.1	5.5	5.7	5.1	4.9	4.2	3.5	4.4	6.3	5.1
	2036	6.3	4.8	3.6	3.8	5.1	5.5	5.7	5.1	4.9	4.2	3.6	4.5	6.3	5.1
	2037	6.4	4.9	3.6	3.9	5.2	5.5	5.7	5.2	5.0	4.2	3.6	4.5	6.4	5.2
	2038	6.4	4.9	3.6	3.9	5.2	5.6	5.8	5.2	5.0	4.3	3.6	4.5	6.4	5.2
	2039	6.5	4.9	3.6	3.9	5.2	5.6	5.8	5.2	5.0	4.3	3.6	4.6	6.5	5.2
	2040	6.5	5.0	3.7	3.9	5.3	5.7	5.8	5.3	5.1	4.3	3.7	4.6	6.5	5.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	86.9%	67.7%	100.0%	98.4%	95.3%	90.3%	100.0%	77.0%	82.5%	66.7%	59.4%	96.8%	96.8%
	2012	98.8%	93.6%	84.1%	73.5%	96.2%	95.2%	85.2%	69.6%	65.1%	72.7%	65.9%	100.0%	96.2%	85.2%
	2013	100.0%	95.7%	100.0%	81.0%	92.0%	94.4%	96.5%	87.9%	98.1%	96.7%	52.2%	59.0%	96.4%	83.4%
	2014	84.2%	99.4%	93.2%	100.0%	97.0%	88.4%	97.8%	82.5%	88.3%	71.1%	95.7%	91.8%	84.2%	82.5%
	2015	97.4%	100.0%	66.1%	93.9%	99.0%	79.9%	91.9%	94.6%	82.1%	91.8%	77.2%	55.9%	96.6%	79.9%
	2016	88.4%	96.4%	96.1%	100.0%	100.0%	94.9%	97.0%	94.7%	93.8%	80.5%	75.3%	57.9%	50.6%	97.0%
	2017	93.0%	60.9%	69.4%	96.4%	84.0%	88.4%	97.0%	65.0%	85.9%	97.4%	74.8%	97.3%	53.8%	65.0%
	2018	99.1%	56.8%	56.6%	69.4%	90.6%	86.9%	66.9%	98.9%	92.4%	100.0%	52.6%	94.4%	99.1%	90.5%
	2019	68.5%	61.5%	54.2%	96.9%	96.9%	98.0%	97.3%	75.7%	93.5%	47.6%	50.5%	56.0%	47.7%	97.0%
	2020	100.0%	39.2%	83.5%	100.0%	95.8%	88.3%	95.5%	90.8%	96.1%	84.0%	67.8%	77.0%	62.9%	87.0%
Projected	2021	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.1%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2022	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2023	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2024	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2025	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2026	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2027	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2028	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2029	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2030	92.9%	79.0%	77.1%	91.1%	95.0%	90.9%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%
	2011-2020	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	86.0%	87.2%	82.4%	67.9%	74.9%	78.4%	86.4%
	2021-2030	92.9%	79.0%	77.1%	91.1%	95.0%	91.0%	91.6%	87.0%	87.2%	84.0%	67.8%	77.0%	92.9%	82.7%

FMPA 2021 Load Forecast - Base Case - Havana

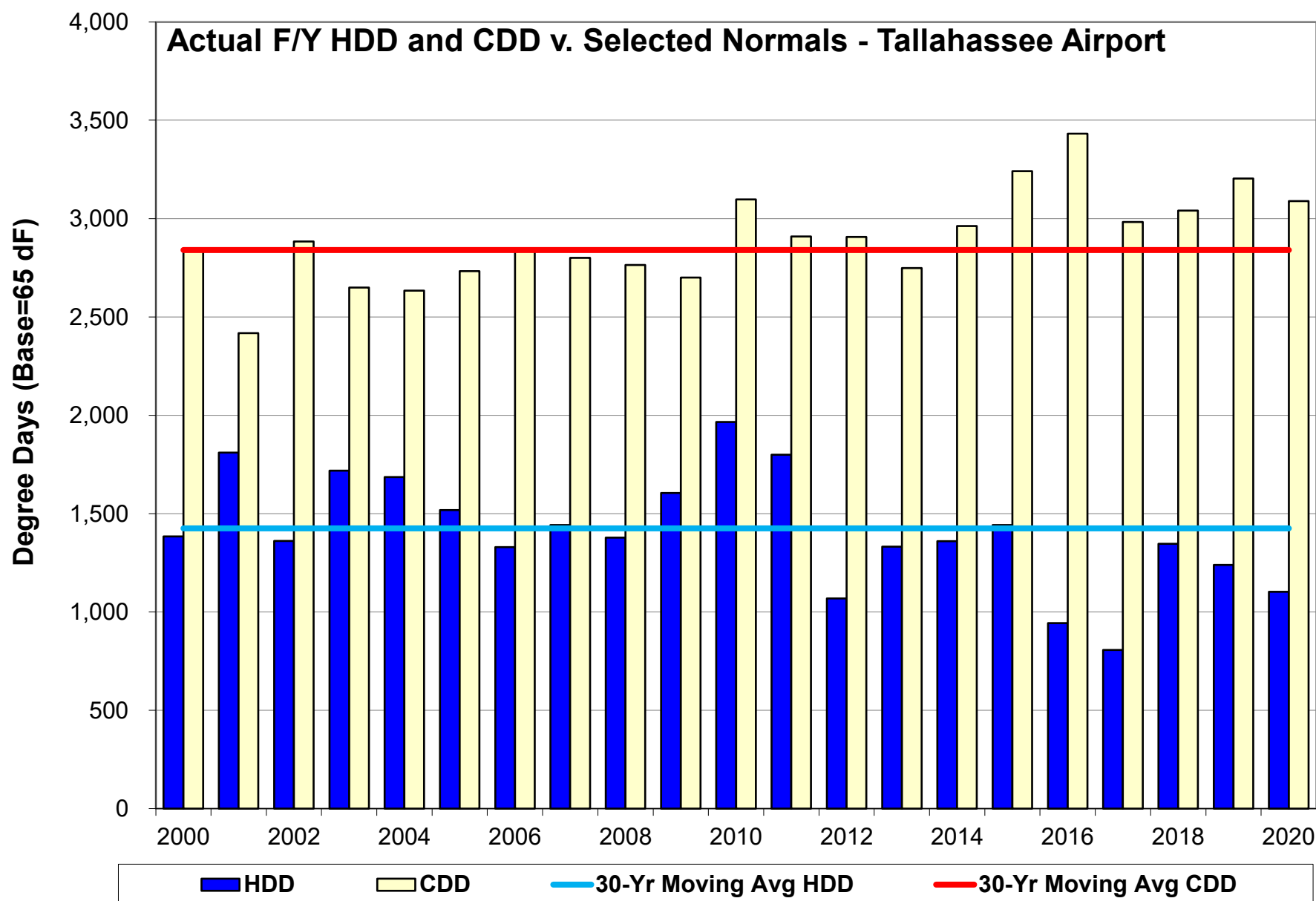
Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2011-2040)

		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	13,929		1,105		12,602		11,284		262		43.2		25,213		1,311	4.9%	26,524	
	2012	12,131	-12.9%	1,100	-0.5%	11,032	-12.5%	10,538	-6.6%	263	0.5%	40.1	-7.1%	22,669	-10.1%	1,261	5.3%	23,930	-9.8%
	2013	12,395	2.2%	1,104	0.3%	11,232	1.8%	10,844	2.9%	263	0.1%	41.2	2.8%	23,239	2.5%	1,346	5.5%	24,585	2.7%
	2014	13,182	6.3%	1,102	-0.1%	11,959	6.5%	10,739	-1.0%	270	2.6%	39.8	-3.5%	23,921	2.9%	1,255	5.0%	25,176	2.4%
	2015	13,446	2.0%	1,115	1.1%	12,065	0.9%	11,020	2.6%	298	10.3%	37.0	-7.0%	24,466	2.3%	1,305	5.1%	25,771	2.4%
	2016	13,129	-2.4%	1,122	0.6%	11,706	-3.0%	10,311	-6.4%	320	7.4%	32.2	-12.9%	23,440	-4.2%	1,485	6.0%	24,925	-3.3%
	2017	12,617	-3.9%	1,134	1.1%	11,123	-5.0%	9,887	-4.1%	316	-1.1%	31.3	-3.0%	22,504	-4.0%	1,130	4.8%	23,634	-5.2%
	2018	13,908	10.2%	1,139	0.4%	12,213	9.8%	10,199	3.2%	317	0.1%	32.2	3.0%	24,107	7.1%	1,295	5.1%	25,402	7.5%
	2019	13,868	-0.3%	1,138	0.0%	12,182	-0.3%	10,250	0.5%	311	-1.8%	32.9	2.3%	24,118	0.0%	1,519	5.9%	25,637	0.9%
	2020	13,963	0.7%	1,166	2.5%	11,972	-1.7%	9,630	-6.0%	291	-6.6%	33.1	0.6%	23,593	-2.2%	1,128	4.6%	24,721	-3.6%
Projected	2021	14,658	5.0%	1,198	2.7%	12,231	2.2%	9,208	-4.4%	259	-10.9%	35.6	7.3%	23,866	1.2%	1,388	5.5%	25,254	2.2%
	2022	14,748	0.6%	1,206	0.6%	12,232	0.0%	9,309	1.1%	262	1.3%	35.5	-0.2%	24,057	0.8%	1,405	5.5%	25,462	0.8%
	2023	14,739	-0.1%	1,211	0.5%	12,169	-0.5%	9,364	0.6%	264	0.5%	35.5	0.1%	24,102	0.2%	1,410	5.5%	25,513	0.2%
	2024	14,733	0.0%	1,215	0.3%	12,123	-0.4%	9,416	0.6%	265	0.4%	35.5	0.1%	24,150	0.2%	1,466	5.7%	25,616	0.4%
	2025	14,694	-0.3%	1,219	0.3%	12,059	-0.5%	9,468	0.6%	266	0.4%	35.6	0.1%	24,163	0.1%	1,416	5.5%	25,578	-0.1%
	2026	14,673	-0.1%	1,221	0.2%	12,017	-0.3%	9,519	0.5%	267	0.4%	35.6	0.1%	24,192	0.1%	1,417	5.5%	25,609	0.1%
	2027	14,691	0.1%	1,223	0.2%	12,011	0.0%	9,578	0.6%	268	0.4%	35.7	0.2%	24,270	0.3%	1,422	5.5%	25,692	0.3%
	2028	14,722	0.2%	1,225	0.1%	12,021	0.1%	9,643	0.7%	269	0.4%	35.8	0.3%	24,366	0.4%	1,480	5.7%	25,846	0.6%
	2029	14,777	0.4%	1,226	0.1%	12,055	0.3%	9,707	0.7%	270	0.4%	35.9	0.3%	24,485	0.5%	1,435	5.5%	25,920	0.3%
	2030	14,849	0.5%	1,227	0.1%	12,106	0.4%	9,772	0.7%	271	0.4%	36.0	0.3%	24,621	0.6%	1,443	5.5%	26,064	0.6%
	2031	14,939	0.6%	1,227	0.1%	12,173	0.5%	9,837	0.7%	272	0.4%	36.1	0.3%	24,777	0.6%	1,452	5.5%	26,229	0.6%
	2032	15,035	0.6%	1,228	0.1%	12,244	0.6%	9,907	0.7%	273	0.4%	36.3	0.3%	24,942	0.7%	1,515	5.7%	26,458	0.9%
	2033	15,144	0.7%	1,228	0.0%	12,329	0.7%	9,979	0.7%	274	0.4%	36.4	0.4%	25,123	0.7%	1,473	5.5%	26,596	0.5%
	2034	15,266	0.8%	1,228	0.0%	12,427	0.8%	10,052	0.7%	275	0.4%	36.5	0.4%	25,318	0.8%	1,484	5.5%	26,802	0.8%
	2035	15,386	0.8%	1,228	0.0%	12,525	0.8%	10,124	0.7%	276	0.4%	36.7	0.4%	25,509	0.8%	1,495	5.5%	27,005	0.8%
	2036	15,497	0.7%	1,228	0.0%	12,615	0.7%	10,195	0.7%	277	0.4%	36.8	0.4%	25,692	0.7%	1,561	5.7%	27,253	0.9%
	2037	15,605	0.7%	1,228	0.0%	12,704	0.7%	10,265	0.7%	278	0.4%	36.9	0.3%	25,870	0.7%	1,517	5.5%	27,387	0.5%
	2038	15,708	0.7%	1,228	0.0%	12,788	0.7%	10,333	0.7%	279	0.3%	37.0	0.3%	26,041	0.7%	1,527	5.5%	27,568	0.7%
	2039	15,818	0.7%	1,228	0.0%	12,880	0.7%	10,401	0.7%	280	0.3%	37.1	0.3%	26,220	0.7%	1,537	5.5%	27,757	0.7%
	2040	15,925	0.7%	1,228	0.0%	12,968	0.7%	10,470	0.7%	281	0.3%	37.2	0.3%	26,395	0.7%	1,603	5.7%	27,999	0.9%
CAGR	2011-2020		0.0%		0.6%		-0.6%		-1.7%		1.2%		-2.9%		-0.7%		5.2%		-0.8%
	2021-2030		0.1%		0.3%		-0.1%		0.7%		0.5%		0.1%		0.3%		5.6%		0.4%
	2031-2040		0.7%		0.0%		0.7%		0.7%		0.4%		0.3%		0.7%		5.6%		0.7%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Havana (Gadsden County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	45.0	-	15.9	-	17.7	-	1.60	-	937	-	1,174	-	73,748	-
2001	45.2	0.5%	16.4	2.9%	17.9	0.8%	1.60	-0.1%	972	3.8%	1,238	5.5%	75,572	2.5%
2002	44.8	-0.9%	16.2	-0.9%	17.3	-3.5%	1.48	-7.5%	1,028	5.8%	1,261	1.9%	77,697	2.8%
2003	45.0	0.4%	16.4	0.8%	18.6	7.9%	1.43	-3.5%	1,067	3.8%	1,286	2.0%	78,602	1.2%
2004	45.1	0.4%	16.4	0.3%	18.9	1.7%	1.53	7.4%	1,100	3.2%	1,338	4.0%	81,522	3.7%
2005	45.3	0.3%	16.6	1.0%	19.0	0.6%	1.54	0.4%	1,128	2.5%	1,370	2.4%	82,663	1.4%
2006	45.3	0.0%	16.6	0.4%	19.1	0.6%	1.71	11.1%	1,212	7.5%	1,392	1.6%	83,631	1.2%
2007	45.9	1.3%	16.9	1.7%	19.6	2.7%	1.68	-1.8%	1,291	6.6%	1,388	-0.3%	81,982	-2.0%
2008	46.3	1.0%	17.1	1.2%	19.0	-3.5%	1.43	-14.6%	1,250	-3.2%	1,373	-1.1%	80,053	-2.4%
2009	46.3	-0.1%	17.1	-0.5%	17.9	-5.4%	1.27	-11.4%	1,260	0.7%	1,367	-0.4%	80,133	0.1%
2010	47.8	3.3%	17.0	-0.5%	17.8	-0.9%	1.18	-7.1%	1,232	-2.2%	1,384	1.2%	81,558	1.8%
2011	47.4	-0.9%	16.9	-0.2%	17.8	-0.1%	1.10	-7.0%	1,286	4.4%	1,411	2.0%	83,335	2.2%
2012	46.6	-1.7%	16.8	-1.0%	17.8	0.0%	1.05	-4.3%	1,247	-3.0%	1,347	-4.6%	80,372	-3.6%
2013	46.1	-1.1%	16.9	0.8%	17.8	0.0%	1.05	-0.5%	1,150	-7.8%	1,297	-3.7%	76,821	-4.4%
2014	46.1	0.1%	17.0	0.7%	18.3	2.8%	0.91	-12.5%	1,117	-2.8%	1,340	3.4%	78,876	2.7%
2015	46.1	-0.1%	17.1	0.7%	18.1	-0.7%	0.90	-2.0%	1,127	0.9%	1,402	4.6%	81,980	3.9%
2016	46.1	0.0%	17.3	1.0%	18.2	0.4%	0.93	3.3%	1,162	3.1%	1,423	1.5%	82,336	0.4%
2017	46.0	-0.2%	17.4	0.5%	18.7	3.0%	0.94	1.2%	1,204	3.6%	1,453	2.1%	83,644	1.6%
2018	45.9	-0.2%	17.5	0.9%	19.2	2.6%	0.95	0.9%	1,229	2.1%	1,491	2.6%	85,044	1.7%
2019	46.0	0.2%	17.7	1.1%	19.4	1.1%	0.94	-0.3%	1,279	4.1%	1,525	2.2%	86,020	1.1%
2020	46.1	0.2%	17.9	0.8%	19.5	0.4%	0.93	-0.8%	1,296	1.3%	1,552	1.8%	86,870	1.0%
2021	46.2	0.3%	18.0	0.8%	19.6	0.6%	0.93	-0.6%	1,314	1.5%	1,582	1.9%	87,850	1.1%
2022	46.3	0.3%	18.1	0.7%	19.8	0.6%	0.92	-1.1%	1,333	1.4%	1,612	1.9%	88,934	1.2%
2023	46.4	0.3%	18.2	0.6%	19.9	0.6%	0.91	-0.8%	1,351	1.3%	1,642	1.9%	90,051	1.3%
2024	46.6	0.2%	18.3	0.5%	20.0	0.5%	0.90	-0.7%	1,369	1.3%	1,673	1.8%	91,238	1.3%
2025	46.7	0.2%	18.4	0.4%	20.1	0.5%	0.90	-0.9%	1,386	1.3%	1,703	1.8%	92,502	1.4%
2026	46.7	0.1%	18.5	0.3%	20.1	0.3%	0.89	-0.9%	1,403	1.2%	1,732	1.7%	93,756	1.4%
2027	46.8	0.1%	18.5	0.3%	20.2	0.3%	0.88	-0.9%	1,419	1.2%	1,761	1.7%	95,015	1.3%
2028	46.8	0.1%	18.6	0.2%	20.3	0.4%	0.87	-0.9%	1,435	1.2%	1,790	1.7%	96,405	1.5%
2029	46.9	0.1%	18.6	0.2%	20.3	0.4%	0.86	-0.9%	1,452	1.1%	1,819	1.6%	97,815	1.5%
2030	46.9	0.1%	18.6	0.1%	20.4	0.4%	0.86	-0.9%	1,468	1.1%	1,849	1.6%	99,276	1.5%
2031	47.0	0.1%	18.6	0.1%	20.5	0.4%	0.85	-1.0%	1,485	1.1%	1,879	1.6%	100,767	1.5%
2032	47.0	0.1%	18.7	0.1%	20.6	0.5%	0.84	-1.0%	1,502	1.1%	1,908	1.6%	102,285	1.5%
2033	47.0	0.1%	18.7	0.0%	20.7	0.4%	0.83	-1.0%	1,519	1.1%	1,939	1.6%	103,861	1.5%
2034	47.1	0.1%	18.7	0.0%	20.8	0.4%	0.82	-1.0%	1,536	1.1%	1,969	1.6%	105,455	1.5%
2035	47.1	0.1%	18.7	0.0%	20.9	0.4%	0.81	-1.0%	1,554	1.1%	1,999	1.6%	107,078	1.5%
2036	47.1	0.0%	18.7	0.0%	20.9	0.4%	0.81	-1.0%	1,572	1.1%	2,030	1.5%	108,730	1.5%
2037	47.1	0.0%	18.7	0.0%	21.0	0.4%	0.80	-1.0%	1,590	1.1%	2,061	1.5%	110,401	1.5%
2038	47.1	0.0%	18.7	0.0%	21.1	0.4%	0.79	-1.1%	1,608	1.1%	2,092	1.5%	112,094	1.5%
2039	47.2	0.0%	18.7	0.0%	21.2	0.4%	0.78	-1.1%	1,626	1.1%	2,124	1.5%	113,795	1.5%
2040	47.2	0.0%	18.7	0.0%	21.3	0.4%	0.77	-1.1%	1,645	1.1%	2,155	1.5%	115,508	1.5%
Average Percent Change														
2010-2020		-0.4%		0.5%		0.9%		-2.3%		0.5%		1.2%		0.6%
2021-2030		0.2%		0.4%		0.4%		-0.9%		1.2%		1.7%		1.4%
2031-2040		0.1%		0.0%		0.4%		-1.0%		1.1%		1.5%		1.5%



Jacksonville Beach

FMPA 2021 Load Forecast - Base Case
Jacksonville Beach
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	200.3	-	-4.0%	163.4	-	146.5	-	-10.4%
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	164.5	-17.8%	-3.8%	153.1	-6.3%	154.2	5.3%	0.7%
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	161.5	-5.6%	163.6	-0.5%	1.3%	149.9	-2.1%	153.2	-0.6%	2.2%
	2014	730,250	1.9%	734,602	-0.2%	0.6%	166.4	3.1%	177.0	8.2%	6.4%	158.1	5.5%	160.9	5.1%	1.8%
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	17.3%	176.9	0.0%	-9.3%	151.0	-4.5%	168.9	4.9%	11.8%
	2016	757,330	2.5%	740,063	0.7%	-2.3%	120.2	-38.4%	177.0	0.0%	47.2%	173.5	14.9%	159.7	-5.5%	-8.0%
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	101.6	-15.5%	121.0	-31.6%	19.2%	154.7	-10.8%	163.5	2.4%	5.7%
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	110.5%	209.0	72.7%	-2.2%	158.4	2.4%	153.3	-6.3%	-3.2%
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	112.1	-47.6%	181.9	-13.0%	62.3%	155.4	-1.9%	152.2	-0.7%	-2.1%
	2020	728,428	-1.7%	737,913	4.4%	1.3%	104.1	-7.1%	171.6	-5.6%	64.9%	163.9	5.5%	174.1	14.4%	6.2%
Projected	2021	730,917	0.3%	730,917	-0.9%		166.7	60.1%	166.7	-2.9%		160.4	-2.1%	160.4	-7.8%	
	2022			745,518	2.0%				170.9	2.5%				162.3	1.1%	
	2023			749,650	0.6%				171.9	0.6%				163.0	0.4%	
	2024			754,475	0.6%				172.1	0.1%				163.7	0.5%	
	2025			757,365	0.4%				173.5	0.8%				164.7	0.6%	
	2026			761,907	0.6%				174.5	0.6%				165.7	0.6%	
	2027			766,293	0.6%				175.5	0.6%				166.6	0.5%	
	2028			771,791	0.7%				176.0	0.3%				167.4	0.5%	
	2029			774,183	0.3%				177.3	0.7%				168.3	0.5%	
	2030			778,363	0.5%				178.2	0.5%				169.3	0.6%	
	2031			783,574	0.7%				179.4	0.7%				170.4	0.7%	
	2032			790,747	0.9%				180.3	0.5%				171.7	0.7%	
	2033			794,825	0.5%				182.0	0.9%				172.9	0.7%	
	2034			800,424	0.7%				183.3	0.7%				174.1	0.7%	
	2035			805,888	0.7%				184.5	0.7%				175.3	0.7%	
	2036			813,255	0.9%				185.5	0.5%				176.6	0.7%	
	2037			816,574	0.4%				187.2	0.9%				177.5	0.5%	
	2038			820,462	0.5%				188.0	0.5%				178.4	0.5%	
	2039			825,026	0.6%				189.0	0.5%				179.5	0.6%	
	2040			831,880	0.8%				189.8	0.4%				180.6	0.6%	
CAGR ^[3]	2011-2020		-0.7%		-0.2%			-7.4%		-1.7%			0.0%		1.9%	
	2021-2030				0.7%					0.7%					0.6%	
	2031-2040				0.7%					0.6%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Jacksonville Beach
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	774,250	-	774,250	-	208.7	172.2	208.7	172.2	208.7	163.4	208.7	163.4
	2012	718,167	-7.2%	718,167	-7.2%	171.1	170.3	171.1	170.3	171.1	153.1	171.1	153.1
	2013	716,333	-0.3%	716,333	-0.3%	168.2	157.9	168.2	157.9	161.5	149.9	161.5	149.9
	2014	730,250	1.9%	730,250	1.9%	192.1	166.4	192.1	166.4	166.4	158.1	166.4	158.1
	2015	738,958	1.2%	738,958	1.2%	195.1	165.1	195.1	165.1	195.1	151.0	195.1	151.0
	2016	757,330	2.5%	757,330	2.5%	171.8	178.0	171.8	178.0	120.2	173.5	120.2	173.5
	2017	721,030	-4.8%	721,030	-4.8%	153.8	162.1	153.8	162.1	101.6	154.7	101.6	154.7
	2018	744,119	3.2%	744,119	3.2%	213.8	166.3	213.8	166.3	213.8	158.4	213.8	158.4
	2019	740,837	-0.4%	740,837	-0.4%	149.3	168.6	149.3	168.6	112.1	155.4	112.1	155.4
	2020	728,428	-1.7%	718,534	-3.0%	151.1	169.9	177.7	159.5	104.1	163.9	168.7	152.6
Projected	2021	730,917	0.3%	738,434	2.8%	175.6	167.8	183.1	165.7	166.7	160.4	173.9	158.6
	2022	745,518	2.0%	746,276	1.1%	180.0	169.8	186.3	166.6	170.9	162.3	176.9	159.4
	2023	749,650	0.6%	749,181	0.4%	181.1	170.5	187.1	167.2	171.9	163.0	177.7	159.9
	2024	754,475	0.6%	753,596	0.6%	181.3	171.3	187.4	167.9	172.1	163.7	177.9	160.6
	2025	757,365	0.4%	755,988	0.3%	182.7	172.3	188.7	168.8	173.5	164.7	179.2	161.5
	2026	761,907	0.6%	760,153	0.6%	183.8	173.3	189.8	169.8	174.5	165.7	180.2	162.4
	2027	766,293	0.6%	764,216	0.5%	184.9	174.3	190.8	170.6	175.5	166.6	181.2	163.2
	2028	771,791	0.7%	769,459	0.7%	185.4	175.2	191.4	171.4	176.0	167.4	181.7	164.0
	2029	774,183	0.3%	771,414	0.3%	186.8	176.0	192.7	172.2	177.3	168.3	183.0	164.8
	2030	778,363	0.5%	775,032	0.5%	187.7	177.1	193.5	173.1	178.2	169.3	183.8	165.6
	2031	783,574	0.7%	779,345	0.6%	188.9	178.3	194.6	174.1	179.4	170.4	184.8	166.5
	2032	790,747	0.9%	785,606	0.8%	189.9	179.6	195.4	175.1	180.3	171.7	185.5	167.5
	2033	794,825	0.5%	788,643	0.4%	191.7	180.9	197.0	176.2	182.0	172.9	187.0	168.5
	2034	800,424	0.7%	793,151	0.6%	193.1	182.1	198.1	177.1	183.3	174.1	188.1	169.5
	2035	805,888	0.7%	797,517	0.6%	194.4	183.4	199.2	178.1	184.5	175.3	189.1	170.4
	2036	813,255	0.9%	803,774	0.8%	195.4	184.7	200.0	179.2	185.5	176.6	189.9	171.4
	2037	816,574	0.4%	806,020	0.3%	197.1	185.7	201.5	179.9	187.2	177.5	191.3	172.1
	2038	820,462	0.5%	808,993	0.4%	198.0	186.7	202.2	180.6	188.0	178.4	192.0	172.8
	2039	825,026	0.6%	812,434	0.4%	199.1	187.8	203.0	181.4	189.0	179.5	192.8	173.6
	2040	831,880	0.8%			199.9	189.0			189.8	180.6		
CAGR ^[1]	Historical		-0.7%		-0.5%	-3.5%	-0.1%	-4.1%	-0.3%	-6.0%	0.9%	-5.9%	0.2%
	1st 10 Prj Yrs		0.7%		0.8%	0.7%	0.6%	0.9%	0.9%	0.7%	0.6%	0.9%	0.9%
	2nd 10 Prj Yrs		0.7%		0.5%	0.6%	0.6%	0.5%	0.5%	0.6%	0.6%	0.5%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Jacksonville Beach
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]											
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)						
		Actual (MWh)		Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)		Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)		Percent Change	Weather-normalized (MW)	Percent Change
Year																		
Historical	2011	774,250	-	749,547	-	-3.2%	208.7	-	200.3	-	-4.0%	163.4	-	146.5		-10.4%		
	2012	718,167	-7.2%	750,308	0.1%	4.5%	171.1	-18.0%	164.5	-17.8%	-3.8%	153.1	-6.3%	154.2	5.3%	0.7%		
	2013	716,333	-0.3%	735,933	-1.9%	2.7%	161.5	-5.6%	163.6	-0.5%	1.3%	149.9	-2.1%	153.2	-0.6%	2.2%		
	2014	730,250	1.9%	734,602	-0.2%	0.6%	166.4	3.1%	177.0	8.2%	6.4%	158.1	5.5%	160.9	5.1%	1.8%		
	2015	738,958	1.2%	735,085	0.1%	-0.5%	195.1	17.3%	176.9	0.0%	-9.3%	151.0	-4.5%	168.9	4.9%	11.8%		
	2016	757,330	2.5%	740,063	0.7%	-2.3%	120.2	-38.4%	177.0	0.0%	47.2%	173.5	14.9%	159.7	-5.5%	-8.0%		
	2017	721,030	-4.8%	725,975	-1.9%	0.7%	101.6	-15.5%	121.0	-31.6%	19.2%	154.7	-10.8%	163.5	2.4%	5.7%		
	2018	744,119	3.2%	720,633	-0.7%	-3.2%	213.8	110.5%	209.0	72.7%	-2.2%	158.4	2.4%	153.3	-6.3%	-3.2%		
	2019	740,837	-0.4%	706,888	-1.9%	-4.6%	112.1	-47.6%	181.9	-13.0%	62.3%	155.4	-1.9%	152.2	-0.7%	-2.1%		
	2020	728,428	-1.7%	717,584	1.5%	-1.5%	104.1	-7.1%	171.6	-5.6%	64.9%	163.9	5.5%	174.1	14.4%	6.2%		
Projected	2021	729,519	0.1%	729,519	1.7%		166.7	60.1%	166.7	-2.9%		160.1	-2.3%	160.1	-8.0%			
	2022			743,746	2.0%				170.9	2.5%				161.8	1.1%			
	2023			747,502	0.5%				171.9	0.6%				162.5	0.4%			
	2024			751,903	0.6%				172.1	0.1%				163.1	0.4%			
	2025			754,335	0.3%				173.5	0.8%				164.0	0.5%			
	2026			758,246	0.5%				174.5	0.6%				164.8	0.5%			
	2027			761,948	0.5%				175.5	0.6%				165.5	0.5%			
	2028			766,712	0.6%				176.0	0.3%				166.2	0.4%			
	2029			768,349	0.2%				177.3	0.7%				166.9	0.4%			
	2030			771,732	0.4%				178.2	0.5%				167.7	0.5%			
	2031			776,417	0.6%				179.4	0.7%				168.7	0.6%			
	2032			783,044	0.9%				180.3	0.5%				169.8	0.6%			
	2033			786,636	0.5%				182.0	0.9%				171.0	0.7%			
	2034			791,679	0.6%				183.3	0.7%				172.0	0.6%			
	2035			796,607	0.6%				184.5	0.7%				173.1	0.6%			
	2036			803,421	0.9%				185.5	0.5%				174.2	0.6%			
	2037			806,106	0.3%				187.2	0.9%				175.0	0.5%			
	2038			809,378	0.4%				188.0	0.5%				175.8	0.4%			
	2039			813,264	0.5%				189.0	0.5%				176.7	0.5%			
	2040			819,423	0.8%				189.8	0.4%				177.7	0.6%			
CAGR ^[3]	2011-2020		-0.7%		-0.5%			-7.4%		-1.7%			0.0%		1.9%			
	2021-2030				0.6%					0.7%					0.5%			
	2031-2040				0.6%					0.6%					0.6%			

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Jacksonville Beach
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	67,375	50,187	49,037	55,672	65,313	74,001	79,432	83,666	69,982	54,165	47,730	50,562	747,122	774,250
	2012	55,047	48,059	51,324	53,841	65,188	68,237	82,488	72,026	69,501	59,407	48,781	53,525	727,423	718,167
	2013	50,771	47,821	54,012	49,912	59,437	71,484	73,815	78,095	69,273	57,997	48,728	51,950	713,294	716,333
	2014	68,815	50,366	51,468	50,155	61,889	69,451	75,799	77,428	66,205	56,550	50,366	53,983	732,474	730,250
	2015	59,079	55,394	49,754	53,194	66,938	73,046	78,605	75,241	66,809	56,999	53,537	52,394	740,990	738,958
	2016	60,746	52,275	50,319	51,629	64,442	75,667	86,818	81,440	71,064	58,174	48,650	51,102	752,326	757,330
	2017	52,428	43,715	51,259	56,239	66,414	67,669	78,132	78,958	68,289	64,622	47,689	55,413	730,828	721,030
	2018	71,378	45,218	49,352	48,442	62,084	70,658	74,449	76,688	78,126	65,133	50,959	53,325	745,811	744,119
	2019	56,524	43,913	49,256	52,243	70,047	72,597	76,681	77,720	72,439	65,159	47,296	50,233	734,108	740,837
	2020	53,645	48,236	53,996	50,526	62,014	69,124	80,214	77,335	70,649	58,010	46,300	51,992	722,042	728,428
Projected	2021	61,460	48,136	53,065	50,877	62,515	69,704	78,184	77,311	71,963	60,896	47,455	53,380	734,948	729,519
	2022	62,956	49,232	54,234	51,734	63,466	70,626	79,069	78,094	72,604	61,364	47,747	53,712	744,838	743,746
	2023	63,333	49,509	54,510	52,006	63,797	70,948	79,375	78,360	72,841	61,563	47,933	53,931	748,106	747,502
	2024	63,520	51,109	54,688	52,250	64,131	71,270	79,696	78,668	73,144	61,849	48,186	54,249	752,760	751,903
	2025	63,838	49,847	54,959	52,556	64,518	71,661	80,103	79,059	73,511	62,155	48,435	54,557	755,197	754,335
	2026	64,174	50,098	55,228	52,837	64,875	72,036	80,512	79,458	73,882	62,472	48,677	54,864	759,113	758,246
	2027	64,524	50,360	55,492	53,092	65,195	72,373	80,880	79,814	74,205	62,739	48,874	55,118	762,666	761,948
	2028	64,821	52,103	55,714	53,309	65,474	72,674	81,223	80,149	74,514	63,003	49,068	55,374	767,426	766,712
	2029	65,126	50,818	55,933	53,516	65,739	72,961	81,547	80,465	74,800	63,243	49,239	55,607	768,992	768,349
	2030	65,416	51,049	56,160	53,734	66,027	73,286	81,935	80,860	75,176	63,593	49,505	55,939	772,680	771,732
Projected	2031	65,828	51,374	56,490	54,047	66,417	73,732	82,452	81,381	75,660	64,003	49,814	56,316	777,514	776,417
	2032	66,289	53,287	56,855	54,382	66,836	74,202	82,990	81,916	76,154	64,419	50,122	56,686	784,139	783,044
	2033	66,744	52,098	57,223	54,722	67,260	74,683	83,546	82,467	76,665	64,847	50,439	57,072	787,767	786,636
	2034	67,214	52,466	57,588	55,055	67,670	75,140	84,068	82,984	77,137	65,241	50,728	57,420	792,709	791,679
	2035	67,645	52,808	57,936	55,378	68,077	75,602	84,607	83,525	77,640	65,669	51,047	57,810	797,745	796,607
	2036	68,123	54,776	58,312	55,723	68,503	76,083	85,159	84,072	78,143	66,080	51,347	58,178	804,501	803,421
	2037	68,562	53,518	58,630	56,003	68,842	76,448	85,563	84,455	78,478	66,352	51,535	58,408	806,794	806,106
	2038	68,849	53,745	58,852	56,213	69,113	76,755	85,922	84,818	78,817	66,637	51,745	58,683	810,148	809,378
	2039	69,192	54,018	59,121	56,466	69,437	77,124	86,357	85,257	79,228	66,989	52,005	59,014	814,207	813,264
	2040	69,604	55,970	59,441	56,762	69,811	77,547	86,849	85,749	79,684	67,375	52,288	59,369	820,447	819,423

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.0%	6.7%	6.6%	7.5%	8.7%	9.9%	10.6%	11.2%	9.4%	7.2%	6.4%	6.8%	100.0%
	2012	7.6%	6.6%	7.1%	7.4%	9.0%	9.4%	11.3%	9.9%	9.6%	8.2%	6.7%	7.4%	100.0%
	2013	7.1%	6.7%	7.6%	7.0%	8.3%	10.0%	10.3%	10.9%	9.7%	8.1%	6.8%	7.3%	100.0%
	2014	9.4%	6.9%	7.0%	6.8%	8.4%	9.5%	10.3%	10.6%	9.0%	7.7%	6.9%	7.4%	100.0%
	2015	8.0%	7.5%	6.7%	7.2%	9.0%	9.9%	10.6%	10.2%	9.0%	7.7%	7.2%	7.1%	100.0%
	2016	8.1%	6.9%	6.7%	6.9%	8.6%	10.1%	11.5%	10.8%	9.4%	7.7%	6.5%	6.8%	100.0%
	2017	7.2%	6.0%	7.0%	7.7%	9.1%	9.3%	10.7%	10.8%	9.3%	8.8%	6.5%	7.6%	100.0%
	2018	9.6%	6.1%	6.6%	6.5%	8.3%	9.5%	10.0%	10.3%	10.5%	8.7%	6.8%	7.1%	100.0%
	2019	7.7%	6.0%	6.7%	7.1%	9.5%	9.9%	10.4%	10.6%	9.9%	8.9%	6.4%	6.8%	100.0%
	2020	7.4%	6.7%	7.5%	7.0%	8.6%	9.6%	11.1%	10.7%	9.8%	8.0%	6.4%	7.2%	100.0%
Projected	2021	8.4%	6.5%	7.2%	6.9%	8.5%	9.5%	10.6%	10.5%	9.8%	8.3%	6.5%	7.3%	100.0%
	2022	8.5%	6.6%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2023	8.5%	6.6%	7.3%	7.0%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2024	8.4%	6.8%	7.3%	6.9%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2025	8.5%	6.6%	7.3%	7.0%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2026	8.5%	6.6%	7.3%	7.0%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2027	8.5%	6.6%	7.3%	7.0%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2028	8.4%	6.8%	7.3%	6.9%	8.5%	9.5%	10.6%	10.4%	9.7%	8.2%	6.4%	7.2%	100.0%
	2029	8.5%	6.6%	7.3%	7.0%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
	2030	8.5%	6.6%	7.3%	7.0%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%
Avg.	2011-2020	8.1%	6.6%	6.9%	7.1%	8.8%	9.7%	10.7%	10.6%	9.6%	8.1%	6.7%	7.1%	100.0%
	2021-2030	8.4%	6.6%	7.3%	7.0%	8.5%	9.5%	10.6%	10.5%	9.7%	8.2%	6.4%	7.2%	100.0%

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FMPA 2021 Load Forecast - Base Case
Jacksonville Beach
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	200.1	141.3	100.3	124.2	143.1	156.6	164.0	172.2	156.4	117.5	101.0	103.3	208.7	172.2
	2012	171.1	170.0	102.8	123.7	139.1	170.3	163.3	150.2	149.6	129.0	113.9	132.4	171.1	170.3
	2013	124.0	168.2	161.5	111.1	135.2	157.9	148.2	155.5	152.4	133.6	117.8	114.9	168.2	157.9
	2014	192.1	153.6	114.6	116.8	145.2	152.9	164.1	166.4	156.6	131.5	158.4	128.9	192.1	166.4
	2015	150.5	195.1	105.0	129.0	150.6	159.1	165.1	156.4	148.5	126.4	124.1	108.5	195.1	165.1
	2016	171.8	164.0	114.6	126.4	136.2	166.2	178.0	167.0	150.9	137.6	110.0	114.4	171.8	178.0
	2017	153.8	94.3	131.4	134.3	152.7	151.6	158.2	162.1	151.6	146.0	99.4	149.9	153.8	162.1
	2018	213.8	116.6	122.4	105.6	135.1	163.6	159.1	158.4	166.3	144.0	127.8	147.2	213.8	166.3
	2019	149.3	109.0	129.4	123.0	161.0	166.1	164.0	168.6	156.9	140.2	111.4	115.5	149.3	168.6
	2020	151.1	129.9	119.6	132.4	139.6	169.9	167.8	162.5	161.8	141.3	109.0	128.3	151.1	169.9
Projected	2021	175.6	152.0	121.7	125.8	148.7	167.5	167.5	167.5	158.3	139.6	111.8	131.5	175.6	167.5
	2022	180.0	155.8	124.7	127.2	150.3	169.3	169.3	169.3	160.0	141.1	112.4	132.3	180.0	169.3
	2023	181.1	156.8	125.5	127.7	150.9	170.0	170.0	170.0	160.6	141.7	112.6	132.5	181.1	170.0
	2024	181.3	157.0	125.7	128.2	151.6	170.7	170.7	170.7	161.3	142.3	113.5	133.5	181.3	170.7
	2025	182.7	158.2	126.6	128.9	152.4	171.6	171.6	171.6	162.1	143.0	114.1	134.3	182.7	171.6
	2026	183.8	159.1	127.4	129.6	153.3	172.5	172.5	172.5	162.9	143.8	114.8	135.0	183.8	172.5
	2027	184.9	160.1	128.1	130.2	154.0	173.2	173.2	173.2	163.6	144.5	115.1	135.4	184.9	173.2
	2028	185.4	160.5	128.5	130.8	154.7	174.0	174.0	174.0	164.3	145.2	116.0	136.4	185.4	174.0
	2029	186.8	161.7	129.5	131.4	155.4	174.7	174.7	174.7	165.0	145.8	116.6	137.1	186.8	174.7
	2030	187.7	162.5	130.1	132.1	156.3	175.5	175.5	175.5	165.8	146.6	117.3	138.0	187.7	175.5
Projected	2031	188.9	163.6	131.0	132.9	157.3	176.6	176.6	176.6	166.8	147.6	117.9	138.7	188.9	176.6
	2032	189.9	164.4	131.6	133.8	158.4	177.8	177.8	177.8	167.9	148.6	119.0	140.0	189.9	177.8
	2033	191.7	166.0	132.8	134.8	159.5	179.0	179.0	179.0	169.0	149.6	119.9	141.1	191.7	179.0
	2034	193.1	167.2	133.8	135.6	160.5	180.1	180.1	180.1	170.0	150.6	120.7	142.0	193.1	180.1
	2035	194.4	168.3	134.7	136.5	161.6	181.2	181.2	181.2	171.1	151.6	121.3	142.7	194.4	181.2
	2036	195.4	169.2	135.4	137.5	162.7	182.4	182.4	182.4	172.2	152.6	122.4	144.0	195.4	182.4
	2037	197.1	170.7	136.6	138.1	163.5	183.2	183.2	183.2	173.0	153.4	123.0	144.7	197.1	183.2
	2038	198.0	171.5	137.2	138.7	164.2	184.0	184.0	184.0	173.7	154.0	123.6	145.4	198.0	184.0
	2039	199.1	172.4	138.0	139.5	165.1	185.0	185.0	185.0	174.6	154.9	124.1	146.0	199.1	185.0
	2040	199.9	173.1	138.5	140.3	166.1	186.0	186.0	186.0	175.6	155.8	125.1	147.2	199.9	186.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	45.3%	52.8%	65.7%	62.3%	61.4%	65.6%	65.1%	65.3%	62.2%	62.0%	65.6%	65.8%	40.9%	51.3%
	2012	43.2%	40.6%	67.1%	60.4%	63.0%	55.6%	67.9%	64.5%	64.5%	61.9%	59.5%	54.3%	48.5%	48.1%
	2013	55.0%	42.3%	45.0%	62.4%	59.1%	62.9%	67.0%	67.5%	63.1%	58.4%	57.4%	60.8%	48.4%	51.8%
	2014	48.1%	48.8%	60.3%	59.6%	57.3%	63.1%	62.1%	62.6%	58.7%	57.8%	44.2%	56.3%	43.5%	50.1%
	2015	52.8%	42.2%	63.7%	57.3%	59.7%	63.8%	64.0%	64.7%	62.5%	60.6%	59.9%	64.9%	43.4%	51.1%
	2016	47.5%	45.8%	59.0%	56.7%	63.6%	63.2%	65.5%	65.5%	65.4%	56.8%	61.4%	60.0%	50.0%	48.6%
	2017	45.8%	69.0%	52.4%	58.2%	58.4%	62.0%	66.4%	65.5%	62.6%	59.5%	66.6%	49.7%	54.3%	50.8%
	2018	44.9%	57.7%	54.2%	63.7%	61.8%	60.0%	62.9%	65.1%	65.3%	60.8%	55.4%	48.7%	39.8%	51.1%
	2019	50.9%	59.9%	51.1%	59.0%	58.5%	60.7%	62.9%	62.0%	64.1%	62.5%	59.0%	58.4%	56.1%	50.2%
	2020	47.7%	53.3%	60.7%	53.0%	59.7%	56.5%	64.2%	64.0%	60.7%	55.2%	59.0%	54.5%	54.6%	48.9%
Projected	2021	47.0%	47.1%	58.6%	56.2%	56.5%	57.8%	62.7%	62.0%	63.1%	58.6%	59.0%	54.6%	47.8%	49.7%
	2022	47.0%	47.0%	58.4%	56.5%	56.7%	57.9%	62.8%	62.0%	63.0%	58.4%	59.0%	54.6%	47.2%	50.1%
	2023	47.0%	47.0%	58.4%	56.6%	56.8%	58.0%	62.8%	62.0%	63.0%	58.4%	59.1%	54.7%	47.2%	50.2%
	2024	47.1%	46.8%	58.5%	56.6%	56.9%	58.0%	62.8%	61.9%	63.0%	58.4%	59.0%	54.6%	47.4%	50.3%
	2025	47.0%	46.9%	58.3%	56.6%	56.9%	58.0%	62.8%	61.9%	63.0%	58.4%	59.0%	54.6%	47.2%	50.2%
	2026	46.9%	46.8%	58.3%	56.6%	56.9%	58.0%	62.8%	61.9%	63.0%	58.4%	58.9%	54.6%	47.2%	50.2%
	2027	46.9%	46.8%	58.2%	56.6%	56.9%	58.0%	62.8%	61.9%	63.0%	58.3%	59.0%	54.7%	47.1%	50.2%
	2028	47.0%	46.6%	58.3%	56.6%	56.9%	58.0%	62.8%	61.9%	63.0%	58.3%	58.8%	54.5%	47.3%	50.3%
	2029	46.9%	46.8%	58.1%	56.6%	56.8%	58.0%	62.8%	61.9%	63.0%	58.3%	58.7%	54.5%	47.0%	50.2%
	2030	46.8%	46.7%	58.0%	56.5%	56.8%	58.0%	62.8%	61.9%	63.0%	58.3%	58.6%	54.5%	47.0%	50.2%
Avg.	2011-2020	48.1%	51.3%	57.9%	59.3%	60.2%	61.3%	64.8%	64.7%	62.9%	59.5%	58.8%	57.3%	47.9%	50.2%
	2021-2030	47.0%	46.9%	58.3%	56.5%	56.8%	58.0%	62.8%	61.9%	63.0%	58.4%	58.9%	54.6%	47.2%	50.2%

FMPA 2021 Load Forecast - Base Case
Jacksonville Beach
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	200.1	139.4	100.1	118.9	131.5	148.2	155.0	163.4	117.3	114.6	94.2	91.1	208.7	163.4
	2012	171.1	170.0	99.1	113.2	131.4	135.9	153.1	137.9	142.1	127.2	89.3	132.4	171.1	153.1
	2013	124.0	168.2	161.5	102.3	129.0	149.0	144.4	149.9	138.8	127.1	97.5	96.3	161.5	149.9
	2014	166.4	153.6	104.0	116.1	145.2	145.4	162.8	158.1	145.7	122.2	158.4	128.9	166.4	158.1
	2015	145.4	195.1	97.5	111.5	149.1	151.0	153.6	156.3	148.5	123.8	120.2	99.0	195.1	151.0
	2016	166.7	164.0	112.4	125.9	129.7	160.2	173.5	162.9	140.3	99.4	109.1	101.0	120.2	173.5
	2017	124.0	93.1	101.6	134.3	148.4	149.0	155.9	154.7	143.6	143.9	99.4	149.9	101.6	154.7
	2018	213.8	95.9	94.4	96.5	135.1	162.0	146.8	158.4	152.5	144.0	112.1	147.2	213.8	158.4
	2019	132.3	87.3	92.6	122.5	154.7	155.4	163.4	140.3	156.9	129.2	111.4	88.4	112.1	155.4
	2020	151.1	97.9	104.1	131.4	138.4	163.9	158.0	161.1	155.8	134.4	101.4	119.3	104.1	163.9
Projected	2021	166.7	142.4	108.8	120.9	144.9	158.9	161.7	160.1	148.2	132.7	104.0	122.3	166.7	160.1
	2022	170.9	145.9	111.5	122.2	146.5	160.6	163.5	161.8	149.8	134.2	104.6	123.1	170.9	161.8
	2023	171.9	146.8	112.2	122.7	147.1	161.2	164.1	162.5	150.4	134.7	104.8	123.2	171.9	162.5
	2024	172.1	147.0	112.3	123.2	147.8	161.9	164.8	163.1	151.0	135.3	105.6	124.2	172.1	163.1
	2025	173.5	148.1	113.2	123.9	148.6	162.7	165.6	164.0	151.8	136.0	106.2	124.9	173.5	164.0
	2026	174.5	149.0	113.8	124.6	149.4	163.5	166.5	164.8	152.5	136.7	106.8	125.6	174.5	164.8
	2027	175.5	149.9	114.5	125.2	150.1	164.2	167.2	165.5	153.2	137.4	107.1	126.0	175.5	165.5
	2028	176.0	150.3	114.8	125.7	150.8	164.9	167.9	166.2	153.8	138.0	107.9	126.9	176.0	166.2
	2029	177.3	151.4	115.7	126.3	151.5	165.6	168.6	166.9	154.4	138.6	108.4	127.6	177.3	166.9
	2030	178.2	152.2	116.2	126.9	152.3	166.4	169.4	167.7	155.1	139.4	109.2	128.4	178.2	167.7
Projected	2031	179.4	153.2	117.0	127.7	153.3	167.4	170.5	168.7	156.1	140.3	109.7	129.1	179.4	168.7
	2032	180.3	154.0	117.6	128.6	154.3	168.5	171.6	169.8	157.1	141.3	110.7	130.3	180.3	169.8
	2033	182.0	155.4	118.7	129.5	155.4	169.6	172.7	171.0	158.2	142.2	111.5	131.2	182.0	171.0
	2034	183.3	156.5	119.6	130.3	156.4	170.7	173.8	172.0	159.1	143.1	112.3	132.1	183.3	172.0
	2035	184.5	157.6	120.4	131.2	157.5	171.8	174.9	173.1	160.1	144.1	112.9	132.8	184.5	173.1
	2036	185.5	158.4	121.0	132.1	158.5	172.9	176.0	174.2	161.2	145.1	113.9	134.0	185.5	174.2
	2037	187.2	159.8	122.1	132.7	159.3	173.7	176.8	175.0	161.9	145.8	114.4	134.6	187.2	175.0
	2038	188.0	160.5	122.6	133.3	160.0	174.4	177.6	175.8	162.6	146.4	115.0	135.3	188.0	175.8
	2039	189.0	161.4	123.3	134.0	160.9	175.3	178.5	176.7	163.4	147.2	115.5	135.9	189.0	176.7
	2040	189.8	162.1	123.8	134.8	161.9	176.3	179.5	177.7	164.3	148.1	116.4	136.9	189.8	177.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	98.6%	99.7%	95.8%	91.9%	94.6%	94.5%	94.9%	75.0%	97.5%	93.2%	88.2%	100.0%	94.9%
	2012	100.0%	100.0%	96.4%	91.5%	94.5%	79.8%	93.7%	91.8%	95.0%	98.6%	78.4%	100.0%	100.0%	89.9%
	2013	100.0%	100.0%	100.0%	92.1%	95.4%	94.4%	97.4%	96.4%	91.1%	95.1%	82.7%	83.8%	96.0%	94.9%
	2014	86.6%	100.0%	90.7%	99.4%	100.0%	95.1%	99.2%	95.0%	93.0%	92.9%	100.0%	100.0%	86.6%	95.0%
	2015	96.6%	100.0%	92.8%	86.4%	99.0%	94.9%	93.0%	99.9%	100.0%	97.9%	96.8%	91.3%	100.0%	91.5%
	2016	97.0%	100.0%	98.0%	99.5%	95.2%	96.4%	97.5%	97.5%	93.0%	72.3%	99.1%	88.2%	70.0%	97.5%
	2017	80.7%	98.7%	77.3%	100.0%	97.2%	98.3%	98.6%	95.4%	94.7%	98.6%	100.0%	100.0%	66.0%	95.4%
	2018	100.0%	82.2%	77.1%	91.4%	100.0%	99.0%	92.2%	100.0%	91.7%	100.0%	87.7%	100.0%	100.0%	95.3%
	2019	88.6%	80.1%	71.6%	99.6%	96.1%	93.6%	99.7%	83.2%	100.0%	92.2%	100.0%	76.5%	75.1%	92.2%
	2020	100.0%	75.3%	87.1%	99.2%	99.1%	96.5%	94.2%	99.1%	96.3%	95.1%	93.0%	93.0%	68.9%	96.5%
Projected	2021	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2022	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2023	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2024	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2025	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2026	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2027	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2028	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%
	2029	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.5%	93.6%	95.1%	93.0%	93.0%	94.9%	95.5%
	2030	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.5%	93.6%	95.1%	93.0%	93.0%	94.9%	95.5%
	2011-2020	94.9%	93.5%	89.1%	95.5%	96.8%	94.3%	96.0%	95.3%	93.0%	94.0%	93.1%	92.1%	86.3%	94.3%
	2021-2030	94.9%	93.6%	89.4%	96.1%	97.5%	94.8%	96.5%	95.6%	93.6%	95.1%	93.0%	93.0%	94.9%	95.6%

FMPA 2021 Load Forecast - Base Case - Beaches Energy

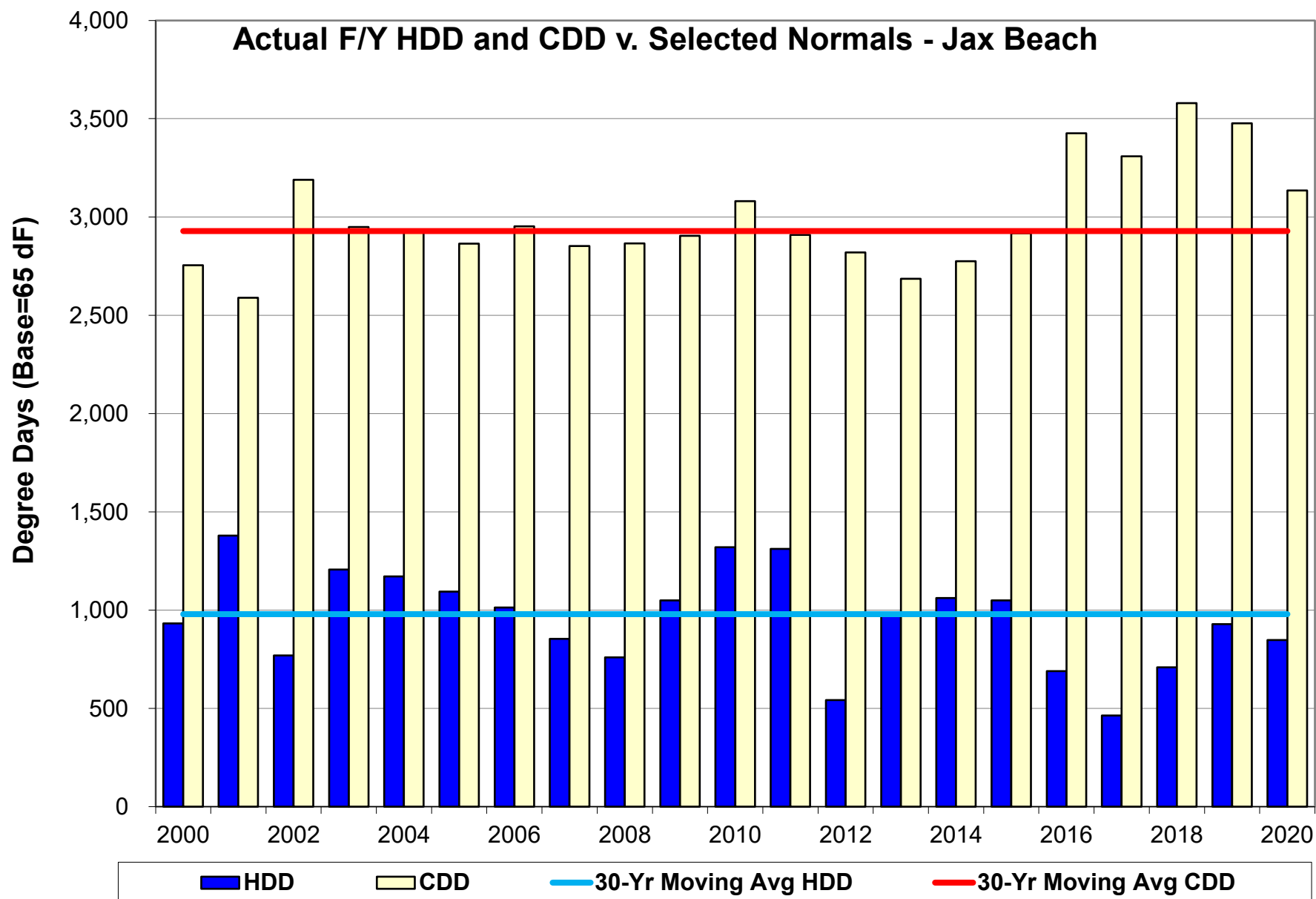
Historical and Projected - Energy Sales by Customer Class
(Fiscal Year 2011-2040)

Fiscal Year		Residential						General Service Non-Demand						General Service Demand						City		Lights		TOTAL SALES		DISTR.		TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	LOSSES		(MWh)	% Chg
																										(MWh)	(%)		
Historical	2011	456,496		28,326		16,116	86,639		4,075		21.3		185,575		364		509		8,002		4,111		740,822		33,428	4.3%	774,250		
	2012	422,220	-7.5%	28,646	1.1%	14,739	82,355	-4.9%	4,086	0.3%	20.2	-5.2%	183,493	-1.1%	368	1.0%	499	-2.1%	7,002	-12.5%	4,123	0.3%	699,194	-5.6%	18,973	2.6%	718,167	-7.2%	
	2013	417,918	-1.0%	28,801	0.5%	14,510	80,811	-1.9%	4,143	1.4%	19.5	-3.2%	174,397	-5.0%	359	-2.5%	486	-2.5%	7,912	13.0%	4,127	0.1%	685,165	-2.0%	31,168	4.4%	716,333	-0.3%	
	2014	432,573	3.5%	29,081	1.0%	14,875	81,978	1.4%	4,187	1.1%	19.6	0.4%	176,532	1.2%	351	-2.1%	503	3.4%	7,922	0.1%	4,137	0.2%	703,142	2.6%	27,109	3.7%	730,250	1.9%	
	2015	444,852	2.8%	29,576	1.7%	15,041	86,263	5.2%	4,238	1.2%	20.4	4.0%	177,045	0.3%	333	-5.3%	532	5.9%	8,072	1.9%	4,142	0.1%	720,375	2.5%	18,583	2.5%	738,958	1.2%	
	2016	445,804	0.2%	29,795	0.7%	14,962	87,508	1.4%	4,298	1.4%	20.4	0.0%	178,982	1.1%	335	0.8%	534	0.3%	8,023	-0.6%	4,153	0.3%	724,471	0.6%	32,860	4.3%	757,330	2.5%	
	2017	423,776	-4.9%	29,934	0.5%	14,157	84,678	-3.2%	4,344	1.1%	19.5	-4.3%	176,853	-1.2%	335	-0.1%	528	-1.1%	7,947	-0.9%	4,168	0.4%	697,422	-3.7%	23,608	3.3%	721,030	-4.8%	
	2018	439,939	3.8%	30,049	0.4%	14,641	83,360	-1.6%	4,348	0.1%	19.2	-1.7%	176,296	-0.3%	343	2.5%	513	-2.7%	8,070	1.5%	4,159	-0.2%	711,825	2.1%	32,294	4.3%	744,119	3.2%	
	2019	447,350	1.7%	30,262	0.7%	14,783	83,241	-0.1%	4,402	1.2%	18.9	-1.3%	178,338	1.2%	351	2.1%	508	-1.0%	7,717	-4.4%	4,177	0.4%	720,823	1.3%	20,014	2.7%	740,837	-0.4%	
	2020	447,320	0.0%	30,218	-0.1%	14,803	80,172	-3.7%	4,399	-0.1%	18.2	-3.6%	163,328	-8.4%	340	-3.0%	480	-5.6%	7,743	0.3%	3,659	-12.4%	702,222	-2.6%	26,206	3.6%	728,428	-1.7%	
Projected	2021	449,896	0.6%	30,416	0.7%	14,791	78,343	-2.3%	4,436	0.8%	17.7	-3.1%	165,078	1.1%	340	-0.2%	486	1.3%	7,900	2.0%	3,659	0.0%	704,876	0.4%	26,041	3.6%	730,917	0.3%	
	2022	456,290	1.4%	30,558	0.5%	14,932	77,980	-0.5%	4,476	0.9%	17.4	-1.4%	173,531	5.1%	346	1.8%	502	3.2%	7,900	0.0%	3,659	0.0%	719,360	2.1%	26,158	3.5%	745,518	2.0%	
	2023	457,080	0.2%	30,689	0.4%	14,894	78,314	0.4%	4,506	0.7%	17.4	-0.2%	176,430	1.7%	351	1.4%	503	0.3%	7,900	0.0%	3,659	0.0%	723,383	0.6%	26,267	3.5%	749,650	0.6%	
	2024	453,550	-0.8%	30,812	0.4%	14,720	79,160	1.1%	4,533	0.6%	17.5	0.5%	182,294	3.3%	355	1.1%	514	2.2%	7,900	0.0%	3,659	0.0%	726,564	0.4%	27,911	3.7%	754,475	0.6%	
	2025	452,692	-0.2%	30,927	0.4%	14,637	79,751	0.7%	4,559	0.6%	17.5	0.2%	186,766	2.5%	358	0.9%	522	1.6%	7,900	0.0%	3,659	0.0%	730,769	0.6%	26,596	3.5%	757,365	0.4%	
	2026	453,704	0.2%	31,031	0.3%	14,621	80,094	0.4%	4,583	0.5%	17.5	-0.1%	189,786	1.6%	360	0.7%	527	0.9%	7,900	0.0%	3,659	0.0%	735,143	0.6%	26,764	3.5%	761,907	0.6%	
	2027	455,658	0.4%	31,121	0.3%	14,641	80,286	0.2%	4,605	0.5%	17.4	-0.2%	191,878	1.1%	362	0.6%	529	0.5%	7,900	0.0%	3,659	0.0%	739,380	0.6%	26,913	3.5%	766,293	0.6%	
	2028	457,810	0.5%	31,206	0.3%	14,671	80,393	0.1%	4,627	0.5%	17.4	-0.3%	193,454	0.8%	364	0.5%	531	0.3%	7,900	0.0%	3,659	0.0%	743,216	0.5%	28,575	3.7%	771,791	0.7%	
	2029	460,247	0.5%	31,288	0.3%	14,710	80,452	0.1%	4,648	0.5%	17.3	-0.4%	194,739	0.7%	366	0.5%	532	0.2%	7,900	0.0%	3,659	0.0%	746,998	0.5%	27,186	3.5%	774,183	0.3%	
	2030	463,119	0.6%	31,364	0.2%	14,766	80,486	0.0%	4,668	0.4%	17.2	-0.4%	195,856	0.6%	368	0.4%	533	0.1%	7,900	0.0%	3,659	0.0%	751,019	0.5%	27,344	3.5%	778,363	0.5%	
	2031	467,110	0.9%	31,434	0.2%	14,860	80,504	0.0%	4,687	0.4%	17.2	-0.4%	196,867	0.5%	369	0.4%	533	0.1%	7,900	0.0%	3,659	0.0%	756,040	0.7%	27,534	3.5%	783,574	0.7%	
	2032	471,577	1.0%	31,493	0.2%	14,974	80,514	0.0%	4,706	0.4%	17.1	-0.4%	197,809	0.5%	370	0.4%	534	0.1%	7,900	0.0%	3,659	0.0%	761,460	0.7%	29,287	3.7%	790,747	0.9%	
	2033	476,108	1.0%	31,549	0.2%	15,091	80,520	0.0%	4,724	0.4%	17.0	-0.4%	198,716	0.5%	372	0.3%	535	0.1%	7,900	0.0%	3,659	0.0%	766,903	0.7%	27,922	3.5%	794,825	0.5%	
	2034	480,634	1.0%	31,604	0.2%	15,208	80,523	0.0%	4,741	0.4%	17.0	-0.4%	199,601	0.4%	373	0.3%	535	0.1%	7,900	0.0%	3,659	0.0%	772,317	0.7%	28,107	3.5%	800,424	0.7%	
	2035	485,031	0.9%	31,656	0.2%	15,322	80,525	0.0%	4,758	0.4%	16.9	-0.4%	200,475	0.4%	374	0.3%	536	0.1%	7,900	0.0%	3,659	0.0%	777,590	0.7%	28,299	3.5%	805,888	0.7%	
	2036	489,738	1.0%	31,702	0.1%	15,448	80,526	0.0%	4,774	0.3%	16.9	-0.3%	201,331	0.4%	375	0.3%	537	0.1%	7,900	0.0%	3,659	0.0%	783,154	0.7%	30,101	3.7%	813,255	0.9%	
	2037	493,678	0.8%	31,742	0.1%	15,553	80,527	0.0%	4,789	0.3%	16.8	-0.3%	202,169	0.4%	376	0.3%	537	0.1%	7,900	0.0%	3,659	0.0%	787,934	0.6%	28,640	3.5%	816,574	0.4%	
	2038	496,605	0.6%	31,781	0.1%	15,626	80,527	0.0%	4,804	0.3%	16.8	-0.3%	202,995	0.4%	377	0.3%	538	0.1%	7,900	0.0%	3,659	0.0%	791,687	0.5%	28,776	3.5%	820,462	0.5%	
	2039	500,179	0.7%	31,820	0.1%	15,719	80,527	0.0%	4,819	0.3%	16.7	-0.3%	203,818	0.4%	378	0.3%	539	0.1%	7,900	0.0%	3,659	0.0%	796,083	0.6%	28,943	3.5%	825,026	0.6%	
	2040	504,387	0.8%	31,859	0.1%	15,832	80,527	0.0%	4,833	0.3%	16.7	-0.3%	204,635	0.4%	379	0.3%	540	0.1%	7,900	0.0%	3,659	0.0%	801,109	0.6%	30,771	3.7%	831,880	0.8%	
CAGR	2011-2020		-0.2%		0.7%			-0.9%		0.9%		-1.7%		-1.4%		-0.8%		-0.7%		-0.4%		-1.3%		-0.6%		3.6%		-0.7%	
	2021-2030		0.3%		0.3%			0.0%		0.3%		-0.3%		1.9%		0.9%		1.0%		0.0%		0.0%		0.7%		3.6%		0.7%	
	2031-2040		0.9%		0.1%			0.7%		0.0%	0.3%		-0.3%		0.4%		0.3%		0.1%		0.0%		0.6%		3.6%		0.7%		

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Jacksonville Beach (Duval/St. Johns County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	465.3	-	182.3	-	326.1	-	19.17	-	23,818	-	18,412	-	100,986	-
2001	473.5	1.8%	189.6	4.0%	311.9	-4.4%	17.85	-6.9%	24,405	2.5%	18,490	0.4%	97,523	-3.4%
2002	481.4	1.7%	193.1	1.8%	311.8	0.0%	16.81	-5.8%	25,210	3.3%	18,858	2.0%	97,675	0.2%
2003	489.2	1.6%	197.9	2.5%	319.8	2.6%	16.29	-3.1%	26,562	5.4%	19,654	4.2%	99,299	1.7%
2004	499.3	2.0%	201.0	1.6%	329.1	2.9%	16.29	0.0%	27,749	4.5%	20,531	4.5%	102,129	2.8%
2005	508.0	1.8%	205.0	2.0%	338.5	2.8%	16.30	0.1%	29,014	4.6%	21,670	5.5%	105,711	3.5%
2006	518.8	2.1%	208.7	1.8%	349.8	3.4%	16.36	0.4%	30,358	4.6%	23,017	6.2%	110,304	4.3%
2007	526.7	1.5%	212.2	1.7%	355.5	1.6%	16.04	-1.9%	30,593	0.8%	23,294	1.2%	109,769	-0.5%
2008	532.1	1.0%	213.6	0.7%	349.9	-1.6%	15.47	-3.6%	29,096	-4.9%	22,745	-2.4%	106,471	-3.0%
2009	536.5	0.8%	214.1	0.2%	335.1	-4.2%	14.21	-8.1%	28,158	-3.2%	21,503	-5.5%	100,434	-5.7%
2010	541.9	1.0%	214.7	0.3%	334.2	-0.3%	13.33	-6.2%	28,071	-0.3%	22,325	3.8%	103,974	3.5%
2011	547.7	1.1%	219.5	2.2%	341.8	2.3%	13.47	1.1%	27,466	-2.2%	22,868	2.4%	104,158	0.2%
2012	554.6	1.3%	222.0	1.1%	345.3	1.0%	13.87	2.9%	27,867	1.5%	23,564	3.0%	106,167	1.9%
2013	561.2	1.2%	225.3	1.5%	351.7	1.9%	14.02	1.1%	28,788	3.3%	23,463	-0.4%	104,148	-1.9%
2014	570.9	1.7%	229.2	1.7%	361.6	2.8%	14.05	0.2%	29,781	3.5%	24,330	3.7%	106,158	1.9%
2015	582.2	2.0%	233.7	2.0%	374.7	3.6%	14.84	5.6%	31,851	6.9%	25,791	6.0%	110,365	4.0%
2016	594.3	2.1%	238.3	2.0%	384.9	2.7%	14.85	0.1%	33,118	4.0%	26,280	1.9%	110,292	-0.1%
2017	604.7	1.7%	240.6	1.0%	404.7	5.2%	15.61	5.1%	34,662	4.7%	27,721	5.5%	115,217	4.5%
2018	616.1	1.9%	244.5	1.6%	416.1	2.8%	15.87	1.7%	35,708	3.0%	28,788	3.8%	117,748	2.2%
2019	623.2	1.2%	249.3	2.0%	425.4	2.2%	15.95	0.5%	36,616	2.5%	29,691	3.1%	119,080	1.1%
2020	630.5	1.2%	253.8	1.8%	433.2	1.8%	15.95	0.0%	37,672	2.9%	30,625	3.1%	120,673	1.3%
2021	637.4	1.1%	258.0	1.7%	441.3	1.9%	15.97	0.1%	38,771	2.9%	31,587	3.1%	122,430	1.5%
2022	644.1	1.1%	261.8	1.5%	449.7	1.9%	15.92	-0.3%	39,860	2.8%	32,555	3.1%	124,330	1.6%
2023	650.9	1.0%	265.4	1.4%	458.0	1.8%	15.89	-0.2%	40,951	2.7%	33,536	3.0%	126,349	1.6%
2024	657.6	1.0%	268.8	1.3%	465.6	1.7%	15.85	-0.2%	42,049	2.7%	34,531	3.0%	128,464	1.7%
2025	664.3	1.0%	272.0	1.2%	473.1	1.6%	15.80	-0.3%	43,156	2.6%	35,543	2.9%	130,672	1.7%
2026	670.0	0.9%	274.7	1.0%	479.9	1.4%	15.75	-0.3%	44,216	2.5%	36,522	2.8%	132,962	1.8%
2027	675.8	0.9%	277.2	0.9%	486.6	1.4%	15.70	-0.3%	45,286	2.4%	37,518	2.7%	135,324	1.8%
2028	681.5	0.8%	279.7	0.9%	493.3	1.4%	15.65	-0.4%	46,367	2.4%	38,529	2.7%	137,757	1.8%
2029	687.1	0.8%	282.0	0.8%	500.3	1.4%	15.60	-0.3%	47,459	2.4%	39,557	2.7%	140,277	1.8%
2030	692.8	0.8%	284.2	0.8%	507.2	1.4%	15.55	-0.3%	48,564	2.3%	40,600	2.6%	142,881	1.9%
2031	697.8	0.7%	286.0	0.7%	514.0	1.3%	15.50	-0.3%	49,646	2.2%	41,630	2.5%	145,556	1.9%
2032	702.9	0.7%	287.7	0.6%	521.1	1.4%	15.43	-0.4%	50,740	2.2%	42,673	2.5%	148,306	1.9%
2033	707.8	0.7%	289.4	0.6%	527.8	1.3%	15.38	-0.4%	51,846	2.2%	43,732	2.5%	151,122	1.9%
2034	712.8	0.7%	291.0	0.5%	534.3	1.2%	15.32	-0.4%	52,966	2.2%	44,807	2.5%	153,997	1.9%
2035	717.6	0.7%	292.5	0.5%	540.9	1.2%	15.27	-0.4%	54,100	2.1%	45,898	2.4%	156,935	1.9%
2036	721.9	0.6%	293.7	0.4%	547.3	1.2%	15.21	-0.4%	55,213	2.1%	46,975	2.3%	159,927	1.9%
2037	726.2	0.6%	294.9	0.4%	553.5	1.1%	15.15	-0.4%	56,339	2.0%	48,067	2.3%	162,968	1.9%
2038	730.4	0.6%	296.1	0.4%	559.7	1.1%	15.09	-0.4%	57,479	2.0%	49,174	2.3%	166,056	1.9%
2039	734.6	0.6%	297.3	0.4%	566.0	1.1%	15.03	-0.4%	58,634	2.0%	50,295	2.3%	169,181	1.9%
2040	738.7	0.6%	298.5	0.4%	572.3	1.1%	14.97	-0.4%	59,802	2.0%	51,431	2.3%	172,324	1.9%
Average Percent Change														
2010-2020		1.5%		1.7%		2.6%		1.8%		3.0%		3.2%		1.5%
2021-2030		0.9%		1.1%		1.6%		-0.3%		2.5%		2.8%		1.7%
2031-2040		0.6%		0.5%		1.2%		-0.4%		2.1%		2.4%		1.9%



FMPA 2021 Load Forecast - Base Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	747,355	-	745,892	-	-0.2%	76.9	-	85.7	-	11.3%	134.8	-	122.8	-	-8.9%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	80.6	4.7%	76.9	-10.2%	-4.5%	136.7	1.4%	141.2	15.0%	3.3%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	70.6	-12.3%	75.6	-1.7%	7.1%	129.6	-5.2%	130.1	-7.9%	0.4%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	75.0	6.2%	77.2	2.1%	2.9%	132.7	2.4%	134.9	3.7%	1.7%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	89.9	19.9%	77.9	0.9%	-13.4%	130.0	-2.1%	126.0	-6.6%	-3.1%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	123.7	37.5%	81.7	4.9%	-33.9%	140.6	8.1%	140.0	11.1%	-0.4%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	112.6	-8.9%	76.7	-6.0%	-31.9%	140.7	0.1%	136.0	-2.8%	-3.3%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	75.6	-32.8%	76.2	-0.8%	0.7%	135.2	-3.9%	141.0	3.6%	4.2%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	114.3	51.1%	81.0	6.3%	-29.2%	142.3	5.2%	144.2	2.3%	1.4%
	2020	771,538	-1.9%	747,083	-0.2%	-3.2%	110.2	-3.6%	81.7	0.9%	-25.9%	136.4	-4.1%	133.0	-7.8%	-2.5%
Projected	2021	740,600	-4.0%	740,600	-0.9%		75.2	-31.7%	75.2	-7.9%		134.3	-1.5%	134.3	1.0%	
	2022			749,731	1.2%				76.4	1.6%				135.3	0.7%	
	2023			757,467	1.0%				76.9	0.6%				137.2	1.4%	
	2024			771,622	1.9%				78.0	1.4%				139.3	1.5%	
	2025			780,865	1.2%				79.7	2.2%				140.8	1.1%	
	2026			787,390	0.8%				80.4	0.9%				141.8	0.7%	
	2027			792,824	0.7%				81.0	0.7%				142.8	0.7%	
	2028			798,641	0.7%				81.0	0.0%				143.7	0.6%	
	2029			803,118	0.6%				82.1	1.4%				144.6	0.6%	
	2030			808,134	0.6%				82.6	0.6%				145.5	0.6%	
	2031			813,139	0.6%				83.1	0.6%				146.4	0.6%	
	2032			819,222	0.7%				83.0	-0.1%				147.4	0.7%	
	2033			824,294	0.6%				84.2	1.4%				148.5	0.7%	
	2034			830,299	0.7%				84.8	0.7%				149.6	0.7%	
	2035			836,324	0.7%				85.4	0.7%				150.7	0.7%	
	2036			842,998	0.8%				85.4	0.0%				151.8	0.7%	
	2037			848,092	0.6%				86.6	1.4%				152.8	0.7%	
	2038			853,647	0.7%				87.2	0.6%				153.8	0.7%	
	2039			859,054	0.6%				87.7	0.6%				154.8	0.6%	
	2040			865,100	0.7%				87.6	-0.1%				155.8	0.6%	
CAGR ^[3]	2011-2020		0.4%		0.0%			4.1%		-0.5%			0.1%		0.9%	
	2021-2030				1.0%					1.0%					0.9%	
	2031-2040				0.7%					0.6%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Keys Energy

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	747,355	-	747,355	-	116.7	139.7	116.7	139.7	76.9	134.8	76.9	134.8
	2012	745,122	-0.3%	745,122	-0.3%	111.9	137.0	111.9	137.0	80.6	136.7	80.6	136.7
	2013	738,003	-1.0%	738,003	-1.0%	115.9	136.1	115.9	136.1	70.6	129.6	70.6	129.6
	2014	770,420	4.4%	770,420	4.4%	115.1	144.2	115.1	144.2	75.0	132.7	75.0	132.7
	2015	779,772	1.2%	779,772	1.2%	124.0	146.7	124.0	146.7	89.9	130.0	89.9	130.0
	2016	800,141	2.6%	800,141	2.6%	128.5	147.2	128.5	147.2	123.7	140.6	123.7	140.6
	2017	764,330	-4.5%	764,330	-4.5%	116.6	148.0	116.6	148.0	112.6	140.7	112.6	140.7
	2018	746,631	-2.3%	746,631	-2.3%	127.9	145.0	127.9	145.0	75.6	135.2	75.6	135.2
	2019	786,598	5.4%	786,598	5.4%	122.4	146.7	122.4	146.7	114.3	142.3	114.3	142.3
	2020	771,538	-1.9%	770,796	-2.0%	121.8	142.8	124.6	149.2	110.2	136.4	78.8	140.4
Projected	2021	740,600	-4.0%	772,338	0.2%	114.2	143.5	124.8	149.5	75.2	134.3	80.0	140.6
	2022	749,731	1.2%	775,055	0.4%	115.0	144.6	125.2	150.0	76.4	135.3	80.3	141.1
	2023	757,467	1.0%	776,957	0.2%	116.6	146.6	125.4	150.3	76.9	137.2	80.5	141.4
	2024	771,622	1.9%	779,431	0.3%	118.4	148.8	125.7	150.6	78.0	139.3	80.2	141.7
	2025	780,865	1.2%	780,549	0.1%	119.7	150.4	126.0	151.0	79.7	140.8	80.9	142.0
	2026	787,390	0.8%	782,517	0.3%	120.5	151.5	126.4	151.4	80.4	141.8	81.1	142.4
	2027	792,824	0.7%	784,697	0.3%	121.3	152.5	126.7	151.8	81.0	142.8	81.3	142.8
	2028	798,641	0.7%	787,677	0.4%	122.1	153.5	127.1	152.3	81.0	143.7	81.0	143.2
	2029	803,118	0.6%	789,384	0.2%	122.9	154.5	127.5	152.7	82.1	144.6	81.8	143.6
	2030	808,134	0.6%	791,763	0.3%	123.7	155.5	127.9	153.2	82.6	145.5	82.1	144.1
	2031	813,139	0.6%	794,738	0.4%	124.5	156.4	128.4	153.8	83.1	146.4	82.3	144.7
	2032	819,222	0.7%	798,836	0.5%	125.3	157.5	129.0	154.5	83.0	147.4	82.1	145.3
	2033	824,294	0.6%	801,844	0.4%	126.2	158.6	129.6	155.3	84.2	148.5	83.1	146.0
	2034	830,299	0.7%	805,530	0.5%	127.2	159.8	130.2	156.0	84.8	149.6	83.4	146.7
	2035	836,324	0.7%	809,111	0.4%	128.1	161.0	130.8	156.7	85.4	150.7	83.8	147.3
	2036	842,998	0.8%	813,274	0.5%	129.0	162.2	131.3	157.4	85.4	151.8	83.6	148.0
	2037	848,092	0.6%	816,078	0.3%	129.9	163.3	131.9	158.0	86.6	152.8	84.5	148.6
	2038	853,647	0.7%	819,437	0.4%	130.8	164.4	132.4	158.7	87.2	153.8	84.9	149.2
	2039	859,054	0.6%	822,703	0.4%	131.6	165.4	133.0	159.3	87.7	154.8	85.2	149.8
	2040	865,100	0.7%			132.4	166.4			87.6	155.8		
CAGR ^[1]	Historical		0.4%		0.6%	0.5%	0.2%	0.6%	0.6%	4.0%	0.0%	5.1%	0.6%
	1st 10 Prj Yrs		1.0%		0.3%	0.9%	0.9%	0.3%	0.3%	1.0%	0.9%	0.4%	0.3%
	2nd 10 Prj Yrs		0.7%		0.4%	0.7%	0.7%	0.4%	0.4%	0.6%	0.7%	0.4%	0.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Keys Energy

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	747,355	-	745,892	-	-0.2%	76.9	-	85.7	-	11.3%	134.8	-	122.8	-	-8.9%
	2012	745,122	-0.3%	753,202	1.0%	1.1%	80.6	4.7%	76.9	-10.2%	-4.5%	136.7	1.4%	141.2	15.0%	3.3%
	2013	738,003	-1.0%	753,276	0.0%	2.1%	70.6	-12.3%	75.6	-1.7%	7.1%	129.6	-5.2%	130.1	-7.9%	0.4%
	2014	770,420	4.4%	753,723	0.1%	-2.2%	75.0	6.2%	77.2	2.1%	2.9%	132.7	2.4%	134.9	3.7%	1.7%
	2015	779,772	1.2%	767,942	1.9%	-1.5%	89.9	19.9%	77.9	0.9%	-13.4%	130.0	-2.1%	126.0	-6.6%	-3.1%
	2016	800,141	2.6%	786,510	2.4%	-1.7%	123.7	37.5%	81.7	4.9%	-33.9%	140.6	8.1%	140.0	11.1%	-0.4%
	2017	764,330	-4.5%	740,607	-5.8%	-3.1%	112.6	-8.9%	76.7	-6.0%	-31.9%	140.7	0.1%	136.0	-2.8%	-3.3%
	2018	746,631	-2.3%	741,530	0.1%	-0.7%	75.6	-32.8%	76.2	-0.8%	0.7%	135.2	-3.9%	141.0	3.6%	4.2%
	2019	786,598	5.4%	748,855	1.0%	-4.8%	114.3	51.1%	81.0	6.3%	-29.2%	142.3	5.2%	144.2	2.3%	1.4%
	2020	771,538	-1.9%	731,552	-2.3%	-5.2%	110.2	-3.6%	81.7	0.9%	-25.9%	136.4	-4.1%	133.0	-7.8%	-2.5%
Projected	2021	740,250	-4.1%	740,250	1.2%		75.2	-31.7%	75.2	-7.9%		134.3	-1.6%	134.3	0.9%	
	2022			749,226	1.2%				76.4	1.6%				135.2	0.7%	
	2023			756,806	1.0%				76.9	0.6%				137.0	1.3%	
	2024			770,784	1.8%				78.0	1.4%				139.1	1.5%	
	2025			779,835	1.2%				79.7	2.2%				140.6	1.0%	
	2026			786,093	0.8%				80.4	0.9%				141.5	0.7%	
	2027			791,236	0.7%				81.0	0.7%				142.4	0.6%	
	2028			796,742	0.7%				81.0	0.0%				143.2	0.6%	
	2029			800,898	0.5%				82.1	1.4%				144.1	0.6%	
	2030			805,575	0.6%				82.6	0.6%				144.9	0.6%	
	2031			810,358	0.6%				83.1	0.6%				145.7	0.6%	
	2032			816,208	0.7%				83.0	-0.1%				146.7	0.7%	
	2033			821,061	0.6%				84.2	1.4%				147.7	0.7%	
	2034			826,826	0.7%				84.8	0.7%				148.8	0.7%	
	2035			832,685	0.7%				85.4	0.7%				149.8	0.7%	
	2036			839,145	0.8%				85.4	0.0%				150.9	0.7%	
	2037			844,029	0.6%				86.6	1.4%				151.9	0.7%	
	2038			849,341	0.6%				87.2	0.6%				152.8	0.6%	
	2039			854,437	0.6%				87.7	0.6%				153.7	0.6%	
	2040			860,165	0.7%				87.6	-0.1%				154.6	0.6%	
CAGR^[3]	2011-2020		0.4%		-0.2%			4.1%		-0.5%			0.1%		0.9%	
	2021-2030				0.9%					1.0%					0.9%	
	2031-2040				0.7%					0.6%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Keys Energy
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	49,625	48,449	56,147	65,165	69,232	71,432	78,079	77,082	70,539	60,811	54,188	52,785	753,536	747,355
	2012	51,397	53,175	59,574	57,998	67,590	69,438	74,466	76,175	67,524	65,601	48,607	53,915	745,460	745,122
	2013	55,836	50,949	51,639	62,662	64,933	70,122	72,098	74,100	67,540	67,252	57,589	57,667	752,389	738,003
	2014	53,092	53,415	56,611	60,541	67,688	69,346	79,381	79,668	68,170	65,644	50,922	52,962	757,440	770,420
	2015	53,715	47,581	63,128	67,941	69,700	73,252	81,282	80,654	72,991	68,760	64,072	63,175	806,252	779,772
	2016	52,882	49,348	62,070	61,116	70,437	75,779	82,211	79,138	71,154	66,855	54,673	60,964	786,625	800,141
	2017	55,757	52,183	57,213	60,944	71,292	74,888	81,754	80,336	47,471	64,871	54,508	52,247	753,464	764,330
	2018	48,532	53,364	53,366	60,374	61,922	70,634	79,380	77,032	70,400	68,516	58,974	54,326	756,820	746,631
	2019	51,368	54,207	58,778	62,591	72,145	77,287	80,821	78,346	69,239	71,166	56,483	54,901	787,332	786,598
	2020	53,841	53,598	58,247	61,066	60,655	72,736	76,588	80,314	71,943	62,284	52,403	51,750	755,426	771,538
Projected	2021	51,863	47,995	55,668	58,805	65,223	71,299	76,177	76,251	70,531	63,950	53,661	52,555	743,978	740,250
	2022	52,667	48,729	56,424	59,313	65,563	71,727	76,735	76,847	71,056	64,402	54,008	52,887	750,356	749,226
	2023	52,997	49,046	56,859	59,897	66,334	72,525	77,731	77,993	72,128	65,542	55,120	54,024	760,196	756,806
	2024	54,082	50,714	57,992	60,984	67,418	73,726	78,886	79,075	73,220	66,484	55,886	54,862	773,329	770,784
	2025	54,883	50,789	58,782	61,778	68,250	74,568	79,728	79,880	73,944	67,125	56,417	55,396	781,541	779,835
	2026	55,375	51,234	59,267	62,271	68,773	75,105	80,278	80,417	74,436	67,575	56,799	55,792	787,321	786,093
	2027	55,756	51,586	59,660	62,682	69,222	75,580	80,776	80,913	74,895	67,995	57,151	56,154	792,370	791,236
	2028	56,109	52,580	60,023	63,063	69,642	76,031	81,258	81,395	75,342	68,404	57,493	56,504	797,843	796,742
	2029	56,459	52,235	60,384	63,443	70,064	76,488	81,749	81,885	75,791	68,809	57,826	56,841	801,974	800,898
	2030	56,797	52,546	60,731	63,807	70,469	76,930	82,226	82,363	76,231	69,218	58,164	57,177	806,658	805,575
Projected	2031	57,137	52,857	61,083	64,178	70,883	77,386	82,721	82,862	76,693	69,639	58,515	57,528	811,482	810,358
	2032	57,497	53,874	61,466	64,584	71,337	77,888	83,266	83,412	77,203	70,102	58,900	57,910	817,437	816,208
	2033	57,886	53,549	61,874	65,015	71,820	78,421	83,846	83,995	77,742	70,589	59,301	58,309	822,348	821,061
	2034	58,292	53,923	62,302	65,466	72,323	78,976	84,448	84,600	78,298	71,096	59,720	58,717	828,160	826,826
	2035	58,709	54,303	62,736	65,921	72,830	79,535	85,054	85,208	78,856	71,592	60,127	59,117	833,988	832,685
	2036	59,117	55,379	63,164	66,371	73,330	80,087	85,652	85,805	79,405	72,085	60,531	59,511	840,436	839,145
	2037	59,518	55,043	63,578	66,804	73,812	80,617	86,224	86,377	79,927	72,550	60,911	59,883	845,245	844,029
	2038	59,898	55,390	63,971	67,217	74,271	81,123	86,772	86,925	80,430	72,994	61,273	60,242	850,506	849,341
	2039	60,265	55,724	64,346	67,611	74,712	81,608	87,298	87,452	80,912	73,428	61,628	60,593	855,577	854,437
	2040	60,624	56,771	64,715	68,000	75,145	82,085	87,817	87,971	81,388	73,856	61,977	60,940	861,288	860,165

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	6.6%	6.4%	7.5%	8.6%	9.2%	9.5%	10.4%	10.2%	9.4%	8.1%	7.2%	7.0%	100.0%
	2012	6.9%	7.1%	8.0%	7.8%	9.1%	9.3%	10.0%	10.2%	9.1%	8.8%	6.5%	7.2%	100.0%
	2013	7.4%	6.8%	6.9%	8.3%	8.6%	9.3%	9.6%	9.8%	9.0%	8.9%	7.7%	7.7%	100.0%
	2014	7.0%	7.1%	7.5%	8.0%	8.9%	9.2%	10.5%	10.5%	9.0%	8.7%	6.7%	7.0%	100.0%
	2015	6.7%	5.9%	7.8%	8.4%	8.6%	9.1%	10.1%	10.0%	9.1%	8.5%	7.9%	7.8%	100.0%
	2016	6.7%	6.3%	7.9%	7.8%	9.0%	9.6%	10.5%	10.1%	9.0%	8.5%	7.0%	7.8%	100.0%
	2017	7.4%	6.9%	7.6%	8.1%	9.5%	9.9%	10.9%	10.7%	6.3%	8.6%	7.2%	6.9%	100.0%
	2018	6.4%	7.1%	7.1%	8.0%	8.2%	9.3%	10.5%	10.2%	9.3%	9.1%	7.8%	7.2%	100.0%
	2019	6.5%	6.9%	7.5%	7.9%	9.2%	9.8%	10.3%	10.0%	8.8%	9.0%	7.2%	7.0%	100.0%
	2020	7.1%	7.1%	7.7%	8.1%	8.0%	9.6%	10.1%	10.6%	9.5%	8.2%	6.9%	6.9%	100.0%
Projected	2021	7.0%	6.5%	7.5%	7.9%	8.8%	9.6%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2022	7.0%	6.5%	7.5%	7.9%	8.7%	9.6%	10.2%	10.2%	9.5%	8.6%	7.2%	7.0%	100.0%
	2023	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.3%	9.5%	8.6%	7.3%	7.1%	100.0%
	2024	7.0%	6.6%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2025	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2026	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2027	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2028	7.0%	6.6%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.4%	8.6%	7.2%	7.1%	100.0%
	2029	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
	2030	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%
Avg.	2011-2020	6.9%	6.8%	7.5%	8.1%	8.8%	9.5%	10.3%	10.2%	8.8%	8.6%	7.2%	7.2%	100.0%
	2021-2030	7.0%	6.5%	7.5%	7.9%	8.7%	9.5%	10.2%	10.2%	9.5%	8.6%	7.2%	7.1%	100.0%

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FMPA 2021 Load Forecast - Base Case
Keys Energy
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	94.3	98.6	116.7	125.1	128.0	134.3	139.7	137.6	130.7	120.4	106.7	100.3	116.7	139.7
	2012	96.8	110.2	111.9	118.9	129.0	133.0	137.0	136.5	128.4	123.9	94.8	106.8	111.9	137.0
	2013	103.4	113.0	115.9	125.6	126.2	134.1	136.1	135.5	129.6	128.0	114.6	107.8	115.9	136.1
	2014	107.6	112.8	115.1	123.9	123.4	133.2	144.2	142.2	136.1	127.0	111.0	106.4	115.1	144.2
	2015	109.4	110.3	124.0	137.7	130.5	140.6	146.7	145.2	142.4	130.8	128.0	124.5	124.0	146.7
	2016	122.7	113.8	128.5	129.7	136.8	142.3	147.2	143.7	137.7	130.6	107.2	116.2	128.5	147.2
	2017	114.5	113.4	116.6	126.0	139.1	138.9	148.0	147.0	141.7	124.7	127.9	108.1	116.6	148.0
	2018	95.5	111.5	115.8	123.7	118.0	134.7	145.0	140.1	134.2	125.9	122.4	113.8	127.9	145.0
	2019	112.1	119.8	118.6	126.3	133.2	142.6	146.7	143.7	134.2	131.5	121.0	109.7	122.4	146.7
	2020	114.5	121.8	119.9	121.6	124.3	140.7	142.4	142.8	139.1	126.4	111.9	108.1	121.8	142.8
Projected	2021	108.3	111.9	114.2	124.8	131.2	138.3	143.4	141.5	134.9	127.0	112.5	109.7	114.2	143.4
	2022	109.9	113.7	115.0	125.7	132.1	139.3	144.5	142.5	135.9	127.9	113.4	110.4	115.0	144.5
	2023	110.7	114.4	116.6	127.4	133.9	141.2	146.4	144.5	137.7	129.7	114.9	112.0	116.6	146.4
	2024	112.2	116.0	118.4	129.3	135.9	143.3	148.6	146.6	139.8	131.7	116.7	114.5	118.4	148.6
	2025	114.7	118.6	119.7	130.7	137.4	144.8	150.2	148.2	141.3	133.0	117.9	115.5	119.7	150.2
	2026	115.8	119.7	120.5	131.6	138.4	145.8	151.2	149.2	142.2	134.0	118.8	116.4	120.5	151.2
	2027	116.6	120.6	121.3	132.4	139.2	146.7	152.1	150.1	143.1	134.8	119.6	116.3	121.3	152.1
	2028	116.6	120.5	122.1	133.2	140.1	147.6	153.0	151.0	143.9	135.6	120.3	117.9	122.1	153.0
	2029	118.1	122.1	122.9	134.1	141.0	148.5	154.0	151.9	144.8	136.5	121.1	118.6	122.9	154.0
	2030	118.9	122.9	123.7	134.9	141.8	149.3	154.8	152.8	145.6	137.3	121.9	119.4	123.7	154.8
Projected	2031	119.6	123.7	124.5	135.7	142.7	150.2	155.8	153.7	146.5	138.1	122.7	119.3	124.5	155.8
	2032	119.5	123.6	125.3	136.6	143.6	151.2	156.8	154.7	147.4	139.1	123.5	121.0	125.3	156.8
	2033	121.2	125.3	126.2	137.6	144.6	152.2	157.9	155.8	148.5	140.1	124.4	121.8	126.2	157.9
	2034	122.1	126.2	127.2	138.5	145.7	153.3	159.0	156.9	149.5	141.1	125.3	122.7	127.2	159.0
	2035	122.9	127.1	128.1	139.5	146.7	154.4	160.1	158.0	150.6	142.1	126.2	122.7	128.1	160.1
	2036	122.9	127.1	129.0	140.5	147.8	155.5	161.2	159.1	151.6	143.1	127.1	124.4	129.0	161.2
	2037	124.6	128.9	129.9	141.5	148.8	156.5	162.3	160.1	152.6	144.1	128.0	125.2	129.9	162.3
	2038	125.4	129.7	130.8	142.4	149.7	157.5	163.3	161.1	153.6	145.0	128.9	126.0	130.8	163.3
	2039	126.2	130.5	131.6	143.3	150.7	158.4	164.3	162.1	154.5	145.9	129.7	125.9	131.6	164.3
	2040	126.1	130.4	132.4	144.1	151.6	159.4	165.3	163.0	155.4	146.7	130.5	128.1	132.4	165.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	70.8%	73.1%	64.7%	72.3%	72.7%	73.9%	75.1%	75.3%	75.0%	67.9%	70.6%	70.8%	73.7%	61.1%
	2012	71.4%	69.3%	71.6%	67.7%	70.4%	72.5%	73.0%	75.0%	73.1%	71.2%	71.2%	67.9%	76.1%	62.1%
	2013	72.5%	67.1%	59.9%	69.3%	69.2%	72.6%	71.2%	73.5%	72.4%	70.6%	69.8%	71.9%	74.1%	61.9%
	2014	66.3%	70.4%	66.1%	67.9%	73.7%	72.3%	74.0%	75.3%	69.6%	69.5%	63.7%	66.9%	75.1%	61.0%
	2015	66.0%	64.2%	68.4%	68.5%	71.8%	72.4%	74.4%	74.6%	71.2%	70.7%	69.5%	68.2%	74.2%	60.7%
	2016	57.9%	62.3%	64.9%	65.5%	69.2%	74.0%	75.1%	74.0%	71.8%	68.8%	70.8%	70.5%	69.9%	62.1%
	2017	65.5%	68.5%	65.9%	67.2%	68.9%	74.9%	74.3%	73.5%	46.5%	69.9%	59.2%	65.0%	73.8%	59.0%
	2018	68.3%	71.2%	62.0%	67.8%	70.5%	72.8%	73.6%	73.9%	72.9%	73.1%	66.9%	64.2%	67.6%	58.8%
	2019	61.6%	67.4%	66.6%	68.8%	72.8%	75.3%	74.0%	73.3%	71.6%	72.7%	64.8%	67.3%	73.5%	61.2%
	2020	63.2%	63.2%	65.3%	69.7%	65.6%	71.8%	72.3%	75.6%	71.8%	66.2%	65.0%	64.4%	70.8%	61.7%
Projected	2021	64.4%	63.8%	65.5%	65.5%	66.8%	71.6%	71.4%	72.4%	72.6%	67.7%	66.2%	64.4%	74.4%	58.9%
	2022	64.4%	63.8%	65.9%	65.6%	66.7%	71.5%	71.4%	72.5%	72.6%	67.7%	66.2%	64.4%	74.5%	59.2%
	2023	64.4%	63.8%	65.5%	65.3%	66.6%	71.3%	71.4%	72.6%	72.7%	67.9%	66.6%	64.8%	74.4%	59.0%
	2024	64.8%	62.8%	65.8%	65.5%	66.7%	71.4%	71.3%	72.5%	72.7%	67.9%	66.5%	64.4%	74.6%	59.2%
	2025	64.3%	63.7%	66.0%	65.7%	66.8%	71.5%	71.4%	72.5%	72.7%	67.8%	66.4%	64.4%	74.5%	59.3%
	2026	64.3%	63.7%	66.1%	65.7%	66.8%	71.5%	71.4%	72.5%	72.7%	67.8%	66.4%	64.4%	74.6%	59.3%
	2027	64.3%	63.7%	66.1%	65.7%	66.8%	71.5%	71.4%	72.5%	72.7%	67.8%	66.4%	64.9%	74.5%	59.4%
	2028	64.7%	62.7%	66.1%	65.7%	66.8%	71.5%	71.4%	72.5%	72.7%	67.8%	66.3%	64.4%	74.6%	59.4%
	2029	64.2%	63.6%	66.0%	65.7%	66.8%	71.6%	71.4%	72.5%	72.7%	67.8%	66.3%	64.4%	74.5%	59.4%
	2030	64.2%	63.6%	66.0%	65.7%	66.8%	71.6%	71.4%	72.5%	72.7%	67.8%	66.3%	64.4%	74.5%	59.4%
Avg.	2011-2020	66.4%	67.7%	65.5%	68.5%	70.5%	73.2%	73.7%	74.4%	69.6%	70.1%	67.2%	67.7%	72.9%	60.9%
	2021-2030	64.4%	63.5%	65.9%	65.6%	66.8%	71.5%	71.4%	72.5%	72.7%	67.8%	66.4%	64.5%	74.5%	59.3%

FMPA 2021 Load Forecast - Base Case

Keys Energy

Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	82.2	68.3	107.3	121.7	118.4	132.0	132.1	134.8	122.6	118.3	104.2	90.4	76.9	134.8
	2012	80.6	76.0	104.5	113.9	128.6	128.3	136.7	133.8	120.6	120.3	90.4	65.1	80.6	136.7
	2013	63.7	73.2	70.6	119.2	125.6	128.1	112.3	129.6	126.1	120.4	114.5	107.2	70.6	129.6
	2014	75.0	61.9	95.0	123.5	114.2	127.8	132.9	132.7	119.7	125.3	59.4	64.4	75.0	132.7
	2015	65.6	89.9	112.1	122.1	130.4	130.0	139.0	123.9	140.4	126.1	123.7	119.5	89.9	130.0
	2016	74.6	72.5	118.7	123.6	111.8	131.4	140.6	141.2	127.9	129.6	105.0	107.9	123.7	140.6
	2017	67.4	112.6	112.6	124.7	135.8	134.1	139.8	140.7	140.2	121.3	100.5	62.9	112.6	140.7
	2018	75.6	106.0	108.1	112.7	107.7	125.6	135.2	135.2	133.4	122.4	114.3	61.2	75.6	135.2
	2019	73.2	119.2	117.7	114.1	114.5	142.3	142.8	138.5	134.2	125.9	120.2	103.0	114.3	142.3
	2020	78.9	114.8	110.2	109.2	116.5	136.4	139.5	131.1	135.9	123.1	102.1	84.9	110.2	136.4
Projected	2021	75.2	88.6	101.9	117.5	122.6	132.5	135.6	134.3	129.6	123.7	102.7	86.3	75.2	134.3
	2022	76.4	90.0	102.7	118.3	123.5	133.4	136.6	135.2	130.5	124.6	103.4	86.8	76.4	135.2
	2023	76.9	90.5	104.1	120.0	125.1	135.2	138.4	137.0	132.3	126.3	104.9	88.0	76.9	137.0
	2024	78.0	91.8	105.7	121.8	127.0	137.3	140.5	139.1	134.3	128.2	106.5	90.0	78.0	139.1
	2025	79.7	93.8	106.8	123.1	128.4	138.7	142.0	140.6	135.7	129.5	107.6	90.8	79.7	140.6
	2026	80.4	94.7	107.6	123.9	129.3	139.6	143.0	141.5	136.6	130.5	108.4	91.5	80.4	141.5
	2027	81.0	95.4	108.3	124.7	130.1	140.5	143.8	142.4	137.4	131.3	109.1	91.4	81.0	142.4
	2028	81.0	95.4	109.0	125.5	130.9	141.3	144.7	143.2	138.2	132.1	109.8	92.7	81.0	143.2
	2029	82.1	96.7	109.7	126.2	131.7	142.2	145.5	144.1	139.1	132.9	110.5	93.3	82.1	144.1
	2030	82.6	97.3	110.4	127.0	132.5	143.0	146.4	144.9	139.8	133.7	111.2	93.8	82.6	144.9
Projected	2031	83.1	97.9	111.1	127.8	133.3	143.8	147.2	145.7	140.7	134.5	111.9	93.8	83.1	145.7
	2032	83.0	97.8	111.9	128.6	134.2	144.8	148.2	146.7	141.6	135.4	112.7	95.1	83.0	146.7
	2033	84.2	99.2	112.7	129.5	135.1	145.8	149.2	147.7	142.6	136.4	113.5	95.8	84.2	147.7
	2034	84.8	99.9	113.5	130.5	136.1	146.8	150.3	148.8	143.6	137.4	114.3	96.4	84.8	148.8
	2035	85.4	100.6	114.3	131.4	137.1	147.8	151.4	149.8	144.6	138.4	115.2	96.4	85.4	149.8
	2036	85.4	100.6	115.2	132.3	138.1	148.9	152.4	150.9	145.6	139.3	116.0	97.8	85.4	150.9
	2037	86.6	102.0	116.0	133.2	139.0	149.8	153.4	151.9	146.6	140.3	116.8	98.4	86.6	151.9
	2038	87.2	102.6	116.7	134.1	139.9	150.8	154.4	152.8	147.5	141.2	117.6	99.0	87.2	152.8
	2039	87.7	103.3	117.5	134.9	140.8	151.7	155.3	153.7	148.3	142.0	118.3	98.9	87.7	153.7
	2040	87.6	103.2	118.2	135.7	141.6	152.6	156.2	154.6	149.2	142.9	119.1	100.7	87.6	154.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	87.2%	69.3%	92.0%	97.3%	92.5%	98.3%	94.5%	97.9%	93.8%	98.2%	97.6%	90.2%	65.9%	96.5%
	2012	83.2%	68.9%	93.4%	95.8%	99.7%	96.5%	99.7%	98.1%	94.0%	97.1%	95.3%	61.0%	72.0%	99.7%
	2013	61.6%	64.8%	60.9%	94.9%	99.6%	95.5%	82.5%	95.6%	97.3%	94.1%	99.9%	99.4%	60.9%	95.2%
	2014	69.7%	54.9%	82.5%	99.7%	92.5%	96.0%	92.1%	93.3%	87.9%	98.6%	53.5%	60.6%	65.2%	92.0%
	2015	60.0%	81.6%	90.4%	88.6%	100.0%	92.5%	94.7%	85.3%	98.6%	96.4%	96.6%	96.0%	72.5%	88.6%
	2016	60.8%	63.7%	92.4%	95.3%	81.7%	92.4%	95.5%	98.3%	92.9%	99.2%	98.0%	92.9%	96.3%	95.5%
	2017	58.9%	99.3%	96.6%	99.0%	97.7%	96.5%	94.5%	95.7%	98.9%	97.3%	78.6%	58.2%	96.6%	95.1%
	2018	79.2%	95.0%	93.4%	91.1%	91.2%	93.3%	93.2%	96.6%	99.4%	97.2%	93.4%	53.8%	59.1%	93.2%
	2019	65.3%	99.5%	99.2%	90.4%	85.9%	99.8%	97.4%	96.4%	100.0%	95.7%	99.3%	93.9%	93.4%	97.0%
	2020	68.9%	94.3%	91.9%	89.8%	93.7%	97.0%	98.0%	91.8%	97.7%	97.4%	91.2%	78.6%	90.5%	95.6%
Projected	2021	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.1%	97.4%	91.2%	78.6%	65.9%	93.6%
	2022	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.1%	97.4%	91.2%	78.6%	66.4%	93.6%
	2023	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	65.9%	93.6%
	2024	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	65.8%	93.6%
	2025	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.6%	93.6%
	2026	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.7%	93.6%
	2027	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.8%	93.6%
	2028	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.3%	93.6%
	2029	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.8%	93.6%
	2030	69.5%	79.1%	89.3%	94.2%	93.4%	95.7%	94.5%	94.8%	96.0%	97.4%	91.2%	78.6%	66.8%	93.6%
	2011-2020	69.5%	79.1%	89.3%	94.2%	93.5%	95.8%	94.2%	94.9%	96.1%	97.1%	90.4%	78.5%	77.2%	94.8%
	2021-2030	69.5%	79.1%	89.3%	94.2%	93.4%	95.8%	94.5%	94.9%	96.0%	97.4%	91.2%	78.6%	66.4%	93.6%

FMPA 2021 Load Forecast - Base Case - Keys

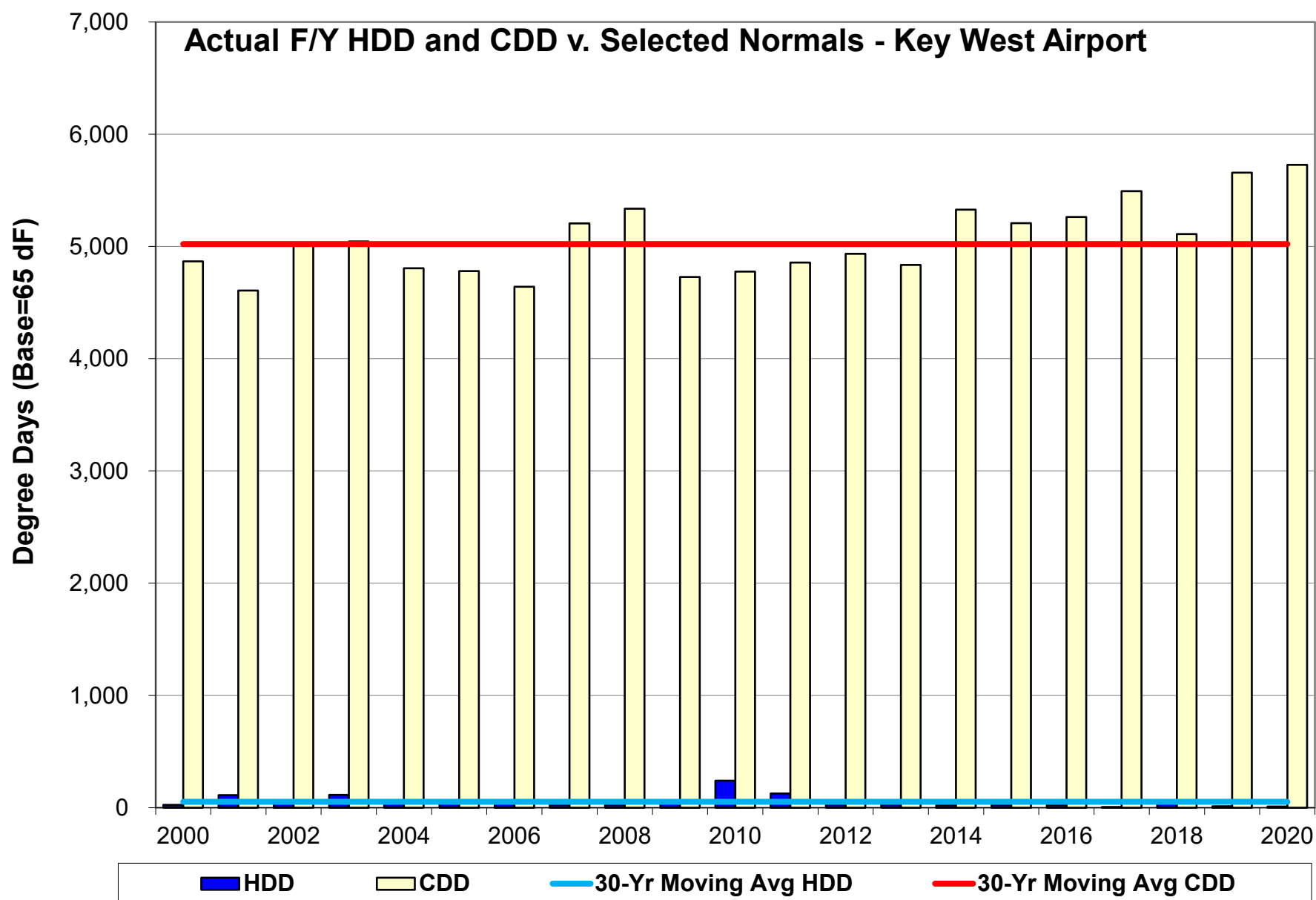
Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2011-2040)

Fiscal Year		Residential						General Service						Navy		Lights		TOTAL SALES		DISTR.		TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	LOSSES		(MWh)	% Chg
																				(MWh)	(%)		
Historical	2011	327,810		24,480		13,391		307,356		4,043		76.0		60,740		3,897		699,803		47,552	6.4%	747,355	
	2012	328,870	0.3%	24,669	0.8%	13,331	-0.4%	313,658	2.1%	4,149	2.6%	75.6	-0.6%	59,646	-1.8%	3,461	-11.2%	705,634	0.8%	39,488	5.3%	745,122	-0.3%
	2013	326,921	-0.6%	24,821	0.6%	13,171	-1.2%	309,858	-1.2%	4,203	1.3%	73.7	-2.5%	55,799	-6.4%	2,934	-15.2%	695,513	-1.4%	42,490	5.8%	738,003	-1.0%
	2014	355,491	8.7%	25,122	1.2%	14,150	7.4%	316,879	2.3%	4,206	0.1%	75.3	2.2%	51,776	-7.2%	2,850	-2.9%	726,995	4.5%	43,425	5.6%	770,420	4.4%
	2015	358,733	0.9%	25,394	1.1%	14,127	-0.2%	316,208	-0.2%	4,250	1.0%	74.4	-1.2%	52,303	1.0%	2,832	-0.6%	730,075	0.4%	49,697	6.4%	779,772	1.2%
	2016	373,053	4.0%	25,553	0.6%	14,599	3.3%	323,965	2.5%	4,333	1.9%	74.8	0.5%	52,594	0.6%	2,925	3.3%	752,537	3.1%	47,604	5.9%	800,141	2.6%
	2017	361,482	-3.1%	25,643	0.4%	14,097	-3.4%	321,231	-0.8%	4,446	2.6%	72.3	-3.4%	51,352	-2.4%	2,545	-13.0%	736,610	-2.1%	27,720	3.6%	764,330	-4.5%
	2018	341,600	-5.5%	25,642	0.0%	13,322	-5.5%	294,322	-8.4%	4,507	1.4%	65.3	-9.6%	47,622	-7.3%	2,810	10.4%	686,353	-6.8%	60,278	8.1%	746,631	-2.3%
	2019	376,615	10.3%	25,895	1.0%	14,544	9.2%	319,964	8.7%	4,405	-2.3%	72.6	11.2%	45,492	-4.5%	2,260	-19.6%	744,331	8.4%	42,267	5.4%	786,598	5.4%
2020	386,191	2.5%	26,251	1.4%	14,712	1.2%	294,631	-7.9%	4,489	1.9%	65.6	-9.6%	40,305	-11.4%	2,149	-4.9%	723,277	-2.8%	48,262	6.3%	771,538	-1.9%	
Projected	2021	368,369	-4.6%	26,388	0.5%	13,960	-5.1%	289,393	-1.8%	4,519	0.7%	64.0	-2.4%	39,440	-2.1%	2,400	11.7%	699,603	-3.3%	40,997	5.5%	740,600	-4.0%
	2022	370,293	0.5%	26,431	0.2%	14,010	0.4%	294,514	1.8%	4,536	0.4%	64.9	1.4%	39,354	-0.2%	2,376	-1.0%	706,536	1.0%	43,195	5.8%	749,731	1.2%
	2023	371,273	0.3%	26,504	0.3%	14,008	0.0%	300,463	2.0%	4,553	0.4%	66.0	1.6%	39,702	0.9%	2,352	-1.0%	713,790	1.0%	43,677	5.8%	757,467	1.0%
	2024	372,098	0.2%	26,576	0.3%	14,001	-0.1%	311,527	3.7%	4,571	0.4%	68.2	3.3%	40,595	2.2%	2,329	-1.0%	726,548	1.8%	45,074	5.8%	771,622	1.9%
	2025	372,627	0.1%	26,646	0.3%	13,984	-0.1%	319,727	2.6%	4,588	0.4%	69.7	2.2%	41,225	1.6%	2,305	-1.0%	735,884	1.3%	44,981	5.8%	780,865	1.2%
	2026	373,247	0.2%	26,713	0.3%	13,973	-0.1%	324,929	1.6%	4,606	0.4%	70.5	1.2%	41,593	0.9%	2,282	-1.0%	742,051	0.8%	45,339	5.8%	787,390	0.8%
	2027	374,394	0.3%	26,777	0.2%	13,982	0.1%	328,722	1.2%	4,623	0.4%	71.1	0.8%	41,799	0.5%	2,260	-1.0%	747,175	0.7%	45,649	5.8%	792,824	0.7%
	2028	376,201	0.5%	26,839	0.2%	14,017	0.3%	331,675	0.9%	4,640	0.4%	71.5	0.5%	41,915	0.3%	2,237	-1.0%	752,027	0.6%	46,614	5.8%	798,641	0.7%
	2029	378,673	0.7%	26,899	0.2%	14,078	0.4%	334,011	0.7%	4,656	0.4%	71.7	0.3%	41,979	0.2%	2,215	-1.0%	756,878	0.6%	46,240	5.8%	803,118	0.6%
	2030	381,420	0.7%	26,956	0.2%	14,150	0.5%	335,978	0.6%	4,672	0.3%	71.9	0.2%	42,015	0.1%	2,192	-1.0%	761,606	0.6%	46,528	5.8%	808,134	0.6%
	2031	384,366	0.8%	27,011	0.2%	14,230	0.6%	337,752	0.5%	4,688	0.3%	72.0	0.2%	42,035	0.0%	2,171	-1.0%	766,324	0.6%	46,816	5.8%	813,139	0.6%
	2032	387,598	0.8%	27,065	0.2%	14,321	0.6%	339,612	0.6%	4,703	0.3%	72.2	0.2%	42,046	0.0%	2,149	-1.0%	771,405	0.7%	47,817	5.8%	819,222	0.7%
	2033	391,164	0.9%	27,116	0.2%	14,425	0.7%	341,487	0.6%	4,718	0.3%	72.4	0.2%	42,052	0.0%	2,127	-1.0%	776,831	0.7%	47,463	5.8%	824,294	0.6%
	2034	395,032	1.0%	27,166	0.2%	14,541	0.8%	343,296	0.5%	4,732	0.3%	72.5	0.2%	42,056	0.0%	2,106	-1.0%	782,489	0.7%	47,810	5.8%	830,299	0.7%
	2035	398,968	1.0%	27,214	0.2%	14,660	0.8%	345,058	0.5%	4,746	0.3%	72.7	0.2%	42,058	0.0%	2,085	-1.0%	788,168	0.7%	48,156	5.8%	836,324	0.7%
	2036	402,903	1.0%	27,261	0.2%	14,780	0.8%	346,766	0.5%	4,760	0.3%	72.9	0.2%	42,059	0.0%	2,064	-1.0%	793,791	0.7%	49,207	5.8%	842,998	0.8%
	2037	406,816	1.0%	27,306	0.2%	14,899	0.8%	348,340	0.5%	4,773	0.3%	73.0	0.2%	42,060	0.0%	2,043	-1.0%	799,260	0.7%	48,832	5.8%	848,092	0.6%
	2038	410,594	0.9%	27,349	0.2%	15,013	0.8%	349,819	0.4%	4,786	0.3%	73.1	0.2%	42,060	0.0%	2,023	-1.0%	804,497	0.7%	49,151	5.8%	853,647	0.7%
	2039	414,259	0.9%	27,392	0.2%	15,124	0.7%	351,272	0.4%	4,798	0.3%	73.2	0.2%	42,060	0.0%	2,003	-1.0%	809,593	0.6%	49,461	5.8%	859,054	0.6%
	2040	417,869	0.9%	27,433	0.1%	15,233	0.7%	352,696	0.4%	4,810	0.2%	73.3	0.2%	42,060	0.0%	1,983	-1.0%	814,608	0.6%	50,492	5.8%	865,100	0.7%
CAGR	2011-2020		1.8%		0.8%		1.1%		-0.5%		1.2%		-1.6%		-4.5%		-6.4%		0.4%		5.9%		0.4%
	2021-2030		0.4%		0.2%		0.2%		1.7%		0.4%		1.3%		0.7%		-1.0%		0.9%		5.8%		1.0%
	2031-2040		0.9%		0.2%		0.8%		0.5%		0.3%		0.2%		0.0%		-1.0%		0.7%		5.8%		0.7%

CAGR - Compound Average Growth Rate; data under Distribution Losses reflect averages.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Key West (Monroe County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	79.5	-	35.1	-	53.5	-	0.56	-	3,270	-	4,105	-	117,034	-
2001	79.0	-0.5%	35.7	1.7%	53.9	0.8%	0.51	-9.3%	3,333	1.9%	4,071	-0.8%	114,086	-2.5%
2002	78.8	-0.4%	35.6	-0.1%	53.7	-0.3%	0.48	-4.7%	3,471	4.1%	3,989	-2.0%	111,953	-1.9%
2003	78.5	-0.3%	35.9	0.8%	54.0	0.6%	0.43	-11.8%	3,587	3.3%	4,079	2.2%	113,531	1.4%
2004	77.6	-1.1%	35.3	-1.7%	53.8	-0.4%	0.43	0.2%	3,686	2.8%	4,416	8.3%	124,984	10.1%
2005	75.8	-2.3%	34.6	-2.1%	53.9	0.1%	0.41	-5.2%	3,870	5.0%	4,834	9.5%	139,830	11.9%
2006	73.8	-2.7%	33.6	-2.8%	54.6	1.4%	0.45	11.9%	4,018	3.8%	5,292	9.5%	157,522	12.7%
2007	72.9	-1.2%	33.4	-0.6%	55.0	0.6%	0.45	0.0%	4,103	2.1%	5,457	3.1%	163,467	3.8%
2008	72.7	-0.2%	33.2	-0.6%	54.8	-0.3%	0.42	-8.4%	3,958	-3.5%	5,153	-5.6%	155,338	-5.0%
2009	72.6	-0.1%	32.9	-0.9%	52.7	-3.9%	0.40	-3.9%	3,799	-4.0%	4,480	-13.1%	136,201	-12.3%
2010	73.2	0.8%	32.7	-0.6%	53.7	1.9%	0.37	-7.5%	3,881	2.2%	4,665	4.1%	142,733	4.8%
2011	74.0	1.0%	33.0	1.1%	54.5	1.6%	0.37	-0.5%	3,792	-2.3%	4,692	0.6%	142,075	-0.5%
2012	74.6	0.8%	33.2	0.6%	56.2	3.1%	0.39	5.7%	3,859	1.8%	5,195	10.7%	156,429	10.1%
2013	75.8	1.7%	33.3	0.3%	58.0	3.1%	0.43	11.3%	3,828	-0.8%	4,884	-6.0%	146,637	-6.3%
2014	76.3	0.6%	33.4	0.3%	60.2	3.9%	0.60	39.1%	3,954	3.3%	5,310	8.7%	159,004	8.4%
2015	76.7	0.5%	33.7	0.9%	62.3	3.5%	0.61	1.8%	4,195	6.1%	5,467	3.0%	162,235	2.0%
2016	77.0	0.4%	34.0	1.0%	62.1	-0.3%	0.64	4.2%	4,331	3.2%	5,786	5.8%	169,996	4.8%
2017	76.6	-0.4%	34.3	0.7%	62.4	0.5%	0.59	-7.8%	4,432	2.3%	6,126	5.9%	178,640	5.1%
2018	75.0	-2.1%	34.9	1.8%	62.8	0.6%	0.60	1.4%	4,519	2.0%	6,391	4.3%	183,154	2.5%
2019	75.0	0.0%	35.2	1.0%	63.5	1.2%	0.61	1.8%	4,661	3.2%	6,560	2.7%	186,135	1.6%
2020	75.0	0.0%	35.5	0.6%	64.2	1.1%	0.61	1.0%	4,765	2.2%	6,714	2.3%	189,347	1.7%
2021	75.0	0.0%	35.7	0.6%	65.0	1.2%	0.62	1.5%	4,873	2.3%	6,869	2.3%	192,661	1.8%
2022	75.1	0.0%	35.8	0.4%	65.8	1.2%	0.63	0.8%	4,978	2.2%	7,026	2.3%	196,231	1.9%
2023	75.1	0.0%	35.9	0.3%	66.5	1.1%	0.64	1.3%	5,084	2.1%	7,183	2.2%	200,000	1.9%
2024	75.1	0.0%	36.0	0.2%	67.2	1.0%	0.64	1.3%	5,189	2.1%	7,341	2.2%	203,935	2.0%
2025	75.1	0.0%	36.1	0.2%	67.8	1.0%	0.65	1.3%	5,294	2.0%	7,500	2.2%	208,013	2.0%
2026	75.1	0.0%	36.1	0.1%	68.5	1.0%	0.66	1.2%	5,400	2.0%	7,660	2.1%	212,229	2.0%
2027	75.2	0.0%	36.1	0.1%	69.1	0.9%	0.67	1.0%	5,505	2.0%	7,822	2.1%	216,556	2.0%
2028	75.2	0.0%	36.1	0.0%	69.8	0.9%	0.67	1.2%	5,611	1.9%	7,985	2.1%	221,007	2.1%
2029	75.2	0.0%	36.1	0.0%	70.4	0.9%	0.68	1.2%	5,717	1.9%	8,150	2.1%	225,597	2.1%
2030	75.2	0.0%	36.1	-0.1%	71.0	0.9%	0.69	1.1%	5,824	1.9%	8,316	2.0%	230,318	2.1%
2031	75.2	0.0%	36.1	-0.1%	71.6	0.8%	0.70	1.2%	5,931	1.8%	8,484	2.0%	235,164	2.1%
2032	75.2	0.0%	36.0	-0.1%	72.1	0.8%	0.71	1.1%	6,038	1.8%	8,653	2.0%	240,133	2.1%
2033	75.3	0.0%	36.0	-0.1%	72.7	0.8%	0.71	1.1%	6,146	1.8%	8,823	2.0%	245,212	2.1%
2034	75.3	0.0%	35.9	-0.2%	73.3	0.8%	0.72	1.2%	6,254	1.8%	8,995	2.0%	250,389	2.1%
2035	75.3	0.0%	35.9	-0.2%	73.8	0.7%	0.73	1.0%	6,362	1.7%	9,170	1.9%	255,669	2.1%
2036	75.3	0.0%	35.8	-0.2%	74.4	0.7%	0.74	1.1%	6,471	1.7%	9,345	1.9%	261,027	2.1%
2037	75.3	0.0%	35.7	-0.2%	74.9	0.7%	0.74	1.0%	6,580	1.7%	9,523	1.9%	266,470	2.1%
2038	75.4	0.0%	35.7	-0.2%	75.4	0.7%	0.75	1.1%	6,690	1.7%	9,703	1.9%	271,990	2.1%
2039	75.4	0.0%	35.6	-0.2%	75.9	0.7%	0.76	1.1%	6,801	1.6%	9,884	1.9%	277,578	2.1%
2040	75.4	0.0%	35.5	-0.2%	76.4	0.7%	0.77	1.1%	6,912	1.6%	10,067	1.8%	283,193	2.0%
Average Percent Change														
2010-2020		0.2%		0.8%		1.8%		5.2%		2.1%		3.7%		2.9%
2021-2030		0.0%		0.1%		1.0%		1.1%		2.0%		2.1%		2.0%
2031-2040		0.0%		-0.2%		0.7%		1.1%		1.7%		1.9%		2.1%



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FMPA 2021 Load Forecast - Base Case
Kissimmee Utility Auth.
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	268.3	-	-9.9%	316.0	-	316.7		0.2%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	245.8	-17.5%	235.6	-12.2%	-4.2%	302.6	-4.2%	333.5	5.3%	10.2%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.2%	216.5	-8.1%	-10.8%	306.8	1.4%	324.7	-2.6%	5.8%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	241.4	-0.6%	271.5	25.4%	12.5%	326.9	6.5%	317.4	-2.2%	-2.9%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	9.6%	222.6	-18.0%	-15.8%	330.5	1.1%	335.0	5.5%	1.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	275.8	4.3%	249.1	11.9%	-9.7%	353.7	7.0%	347.2	3.6%	-1.8%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	266.8	-3.2%	249.4	0.1%	-6.5%	345.7	-2.3%	363.8	4.8%	5.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	292.2	9.5%	263.7	5.7%	-9.7%	349.9	1.2%	374.8	3.0%	7.1%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-0.4%	293.2	11.2%	0.8%	372.5	6.5%	370.7	-1.1%	-0.5%
	2020	1,682,173	0.0%	1,633,599	-0.1%	-2.9%	301.5	3.6%	277.5	-5.4%	-8.0%	360.5	-3.2%	363.6	-1.9%	0.9%
Projected	2021	1,715,435	2.0%	1,715,435	5.0%		300.4	-0.4%	300.4	8.3%		380.7	5.6%	380.7	4.7%	
	2022			1,758,669	2.5%				308.4	2.6%				389.2	2.2%	
	2023			1,798,405	2.3%				314.6	2.0%				398.9	2.5%	
	2024			1,850,200	2.9%				322.1	2.4%				409.7	2.7%	
	2025			1,894,569	2.4%				331.8	3.0%				419.9	2.5%	
	2026			1,936,852	2.2%				339.5	2.3%				428.9	2.1%	
	2027			1,975,581	2.0%				346.3	2.0%				437.5	2.0%	
	2028			2,017,459	2.1%				351.7	1.6%				446.2	2.0%	
	2029			2,052,425	1.7%				359.8	2.3%				454.5	1.9%	
	2030			2,090,041	1.8%				366.3	1.8%				463.1	1.9%	
	2031			2,128,292	1.8%				373.0	1.8%				471.5	1.8%	
	2032			2,169,444	1.9%				378.2	1.4%				480.0	1.8%	
	2033			2,204,796	1.6%				386.3	2.1%				488.7	1.8%	
	2034			2,243,615	1.8%				393.1	1.8%				497.4	1.8%	
	2035			2,282,130	1.7%				399.8	1.7%				506.1	1.8%	
	2036			2,324,418	1.9%				405.2	1.3%				514.6	1.7%	
	2037			2,358,013	1.4%				413.1	2.0%				522.9	1.6%	
	2038			2,396,727	1.6%				419.7	1.6%				531.8	1.7%	
	2039			2,438,235	1.7%				426.9	1.7%				541.2	1.8%	
	2040			2,484,313	1.9%				432.7	1.4%				550.7	1.7%	
CAGR ^[3]	2011-2020		2.0%		2.0%			0.1%		0.4%			1.5%		1.5%	
	2021-2030				2.2%					2.2%					2.2%	
	2031-2040				1.7%					1.7%					1.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Kissimmee Utility Auth.
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,410,602	-	1,410,602	-	297.8	316.0	297.8	316.0	297.8	316.0	297.8	316.0
	2012	1,384,319	-1.9%	1,384,319	-1.9%	246.5	310.4	246.5	310.4	245.8	302.6	245.8	302.6
	2013	1,393,491	0.7%	1,393,491	0.7%	242.8	314.1	242.8	314.1	242.8	306.8	242.8	306.8
	2014	1,442,316	3.5%	1,442,316	3.5%	250.2	326.9	250.2	326.9	241.4	326.9	241.4	326.9
	2015	1,508,124	4.6%	1,508,124	4.6%	264.5	334.8	264.5	334.8	264.5	330.5	264.5	330.5
	2016	1,585,494	5.1%	1,585,494	5.1%	281.7	353.7	281.7	353.7	275.8	353.7	275.8	353.7
	2017	1,580,568	-0.3%	1,580,568	-0.3%	269.7	352.5	269.7	352.5	266.8	345.7	266.8	345.7
	2018	1,629,958	3.1%	1,629,958	3.1%	298.2	355.6	298.2	355.6	292.2	349.9	292.2	349.9
	2019	1,681,579	3.2%	1,681,579	3.2%	290.9	374.5	290.9	374.5	290.9	372.5	290.9	372.5
	2020	1,682,173	0.0%	1,669,735	-0.7%	306.6	370.8	299.8	373.7	301.5	360.5	290.7	369.6
Projected	2021	1,715,435	2.0%	1,696,940	1.6%	309.5	384.6	305.7	380.8	300.4	380.7	296.4	376.6
	2022	1,758,669	2.5%	1,730,688	2.0%	317.6	393.1	311.6	388.7	308.4	389.2	302.2	384.3
	2023	1,798,405	2.3%	1,766,576	2.1%	324.1	403.0	318.1	396.8	314.6	398.9	308.4	392.4
	2024	1,850,200	2.9%	1,806,699	2.3%	331.8	413.9	323.6	405.3	322.1	409.7	313.7	400.8
	2025	1,894,569	2.4%	1,841,947	2.0%	341.8	424.2	331.6	414.0	331.8	419.9	321.5	409.4
	2026	1,936,852	2.2%	1,880,165	2.1%	349.7	433.3	338.5	422.5	339.5	428.9	328.2	417.8
	2027	1,975,581	2.0%	1,916,074	1.9%	356.7	441.9	345.1	430.5	346.3	437.5	334.6	425.7
	2028	2,017,459	2.1%	1,953,947	2.0%	362.3	450.7	350.1	438.4	351.7	446.2	339.4	433.5
	2029	2,052,425	1.7%	1,985,152	1.6%	370.6	459.2	357.5	446.1	359.8	454.5	346.7	441.1
	2030	2,090,041	1.8%	2,019,347	1.7%	377.3	467.8	363.6	454.0	366.3	463.1	352.6	448.9
	2031	2,128,292	1.8%	2,055,158	1.8%	384.3	476.3	370.0	462.1	373.0	471.5	358.8	457.0
	2032	2,169,444	1.9%	2,094,916	1.9%	389.6	484.9	375.2	470.5	378.2	480.0	363.8	465.2
	2033	2,204,796	1.6%	2,128,273	1.6%	397.9	493.7	383.1	478.8	386.3	488.7	371.5	473.5
	2034	2,243,615	1.8%	2,164,624	1.7%	405.0	502.4	389.7	487.0	393.1	497.4	377.9	481.6
	2035	2,282,130	1.7%	2,200,774	1.7%	411.8	511.2	396.1	495.3	399.8	506.1	384.1	489.8
	2036	2,324,418	1.9%	2,240,608	1.8%	417.4	519.8	401.3	503.4	405.2	514.6	389.1	497.8
	2037	2,358,013	1.4%	2,272,513	1.4%	425.6	528.2	409.1	511.5	413.1	522.9	396.6	505.8
	2038	2,396,727	1.6%	2,309,457	1.6%	432.4	537.2	415.6	520.1	419.7	531.8	402.9	514.3
	2039	2,438,235	1.7%	2,348,554	1.7%	439.8	546.7	422.5	529.1	426.9	541.2	409.7	523.2
	2040	2,484,313	1.9%			445.8	556.3			432.7	550.7		
CAGR [1]	Historical		2.0%		2.2%	0.3%	1.8%	-0.3%	2.1%	2.6%	2.2%	2.4%	3.0%
	1st 10 Prj Yrs		2.2%		1.9%	2.2%	2.2%	2.0%	2.0%	2.2%	2.2%	2.0%	2.0%
	2nd 10 Prj Yrs		1.7%		1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Kissimmee Utility Auth.
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,410,602	-	1,369,867	-	-2.9%	297.8	-	268.3	-	-9.9%	316.0	-	316.7		0.2%
	2012	1,384,319	-1.9%	1,407,870	2.8%	1.7%	245.8	-17.5%	235.6	-12.2%	-4.2%	302.6	-4.2%	333.5	5.3%	10.2%
	2013	1,393,491	0.7%	1,409,290	0.1%	1.1%	242.8	-1.2%	216.5	-8.1%	-10.8%	306.8	1.4%	324.7	-2.6%	5.8%
	2014	1,442,316	3.5%	1,426,705	1.2%	-1.1%	241.4	-0.6%	271.5	25.4%	12.5%	326.9	6.5%	317.4	-2.2%	-2.9%
	2015	1,508,124	4.6%	1,464,205	2.6%	-2.9%	264.5	9.6%	222.6	-18.0%	-15.8%	330.5	1.1%	335.0	5.5%	1.4%
	2016	1,585,494	5.1%	1,533,718	4.7%	-3.3%	275.8	4.3%	249.1	11.9%	-9.7%	353.7	7.0%	347.2	3.6%	-1.8%
	2017	1,580,568	-0.3%	1,597,033	4.1%	1.0%	266.8	-3.2%	249.4	0.1%	-6.5%	345.7	-2.3%	363.8	4.8%	5.2%
	2018	1,629,958	3.1%	1,626,613	1.9%	-0.2%	292.2	9.5%	263.7	5.7%	-9.7%	349.9	1.2%	374.8	3.0%	7.1%
	2019	1,681,579	3.2%	1,634,567	0.5%	-2.8%	290.9	-0.4%	293.2	11.2%	0.8%	372.5	6.5%	370.7	-1.1%	-0.5%
	2020	1,682,173	0.0%	1,617,303	-1.1%	-3.9%	301.5	3.6%	277.5	-5.4%	-8.0%	360.5	-3.2%	363.6	-1.9%	0.9%
Projected	2021	1,705,043	1.4%	1,705,043	5.4%		300.4	-0.4%	300.4	8.3%		378.2	4.9%	378.2	4.0%	
	2022			1,743,822	2.3%				308.4	2.6%				385.6	2.0%	
	2023			1,779,428	2.0%				314.6	2.0%				394.4	2.3%	
	2024			1,826,249	2.6%				322.1	2.4%				404.0	2.4%	
	2025			1,862,722	2.0%				331.8	3.0%				412.4	2.1%	
	2026			1,895,832	1.8%				339.5	2.3%				419.2	1.7%	
	2027			1,924,162	1.5%				346.3	2.0%				425.3	1.5%	
	2028			1,954,376	1.6%				351.7	1.6%				431.2	1.4%	
	2029			1,976,867	1.2%				359.8	2.3%				436.6	1.3%	
	2030			2,001,289	1.2%				366.3	1.8%				441.9	1.2%	
	2031			2,026,705	1.3%				373.0	1.8%				447.4	1.2%	
	2032			2,055,775	1.4%				378.2	1.4%				453.0	1.3%	
	2033			2,080,277	1.2%				386.3	2.1%				459.1	1.4%	
	2034			2,108,581	1.4%				393.1	1.8%				465.2	1.3%	
	2035			2,137,057	1.4%				399.8	1.7%				471.6	1.4%	
	2036			2,169,272	1.5%				405.2	1.3%				477.7	1.3%	
	2037			2,193,338	1.1%				413.1	2.0%				483.8	1.3%	
	2038			2,222,342	1.3%				419.7	1.6%				490.4	1.4%	
	2039			2,254,001	1.4%				426.9	1.7%				497.4	1.4%	
	2040			2,289,952	1.6%				432.7	1.4%				504.5	1.4%	
CAGR ^[3]	2011-2020		2.0%		1.9%			0.1%		0.4%			1.5%		1.5%	
	2021-2030				1.8%					2.2%					1.7%	
	2031-2040				1.4%					1.7%					1.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Kissimmee Utility Auth.
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	99,949	87,150	96,959	114,800	119,139	136,792	148,878	150,303	135,051	106,394	92,689	94,453	1,382,557	1,410,602
	2012	98,998	91,687	105,713	108,522	129,597	128,011	151,954	145,222	131,080	118,873	90,328	100,484	1,400,469	1,384,319
	2013	96,990	91,621	100,924	110,040	120,175	137,093	140,057	152,823	134,082	123,911	98,852	102,468	1,409,036	1,393,491
	2014	109,914	91,439	99,187	110,495	130,165	135,158	149,881	155,803	135,044	121,145	96,769	104,597	1,439,597	1,442,316
	2015	103,693	96,660	113,854	126,671	140,753	149,474	155,903	153,768	144,838	127,152	118,417	115,346	1,546,528	1,508,124
	2016	108,578	101,700	113,245	116,616	138,131	156,564	174,908	163,529	151,309	129,038	104,268	111,658	1,569,544	1,585,494
	2017	109,483	97,224	111,883	127,009	150,065	147,185	167,510	172,702	152,542	138,906	110,375	114,326	1,599,211	1,580,568
	2018	125,154	109,916	111,569	122,878	136,385	157,417	165,976	171,539	165,517	149,266	121,372	115,408	1,652,396	1,629,958
	2019	116,681	106,266	116,281	128,221	156,605	164,036	173,582	172,266	161,596	155,160	113,613	114,112	1,678,418	1,681,579
	2020	115,574	110,638	132,394	125,558	141,895	161,210	171,359	178,850	161,809	141,418	113,700	122,606	1,677,011	1,682,173
Projected	2021	125,139	111,231	121,485	126,476	151,499	165,093	182,553	180,314	163,530	146,005	116,892	125,689	1,715,907	1,705,043
	2022	128,269	113,964	124,177	129,176	154,586	168,340	186,183	183,875	166,664	148,781	118,938	128,022	1,750,975	1,743,822
	2023	130,734	116,175	126,351	131,563	157,783	171,895	190,390	188,211	170,586	152,360	121,821	131,347	1,789,215	1,779,428
	2024	134,114	122,024	129,489	134,791	161,639	176,141	195,058	192,739	174,726	155,775	124,365	134,481	1,835,342	1,826,249
	2025	137,342	122,010	132,174	137,593	165,082	179,801	199,144	196,715	178,241	158,813	126,588	137,246	1,870,749	1,862,722
	2026	140,161	124,461	134,373	139,886	167,931	182,801	202,508	199,971	181,093	161,270	128,328	139,559	1,902,343	1,895,832
	2027	142,559	126,567	136,171	141,803	170,391	185,414	205,504	202,907	183,689	163,543	129,919	141,791	1,930,258	1,924,162
	2028	144,898	131,674	137,864	143,622	172,764	187,933	208,416	205,756	186,196	165,754	131,433	143,980	1,960,291	1,954,376
	2029	147,189	130,629	139,432	145,304	174,974	190,252	211,098	208,361	188,461	167,776	132,781	146,014	1,982,271	1,976,867
	2030	149,340	132,528	140,881	146,887	177,101	192,506	213,750	210,969	190,755	169,942	134,261	148,191	2,007,112	2,001,289
Projected	2031	151,626	134,526	142,428	148,548	179,298	194,820	216,440	213,587	193,038	172,123	135,749	150,318	2,032,501	2,026,705
	2032	153,874	139,714	144,004	150,246	181,542	197,211	219,227	216,320	195,447	174,421	137,354	152,536	2,061,895	2,055,775
	2033	156,224	138,574	145,726	152,094	183,958	199,809	222,241	219,276	198,064	176,859	139,067	154,840	2,086,731	2,080,277
	2034	158,651	140,700	147,514	153,991	186,409	202,431	225,257	222,215	200,649	179,246	140,739	157,067	2,114,868	2,108,581
	2035	161,012	142,784	149,295	155,896	188,886	205,112	228,366	225,277	203,375	181,754	142,524	159,424	2,143,706	2,137,057
	2036	163,487	148,339	151,141	157,841	191,377	207,775	231,409	228,232	205,970	184,105	144,167	161,601	2,175,443	2,169,272
	2037	165,788	146,970	152,866	159,680	193,759	210,342	234,374	231,139	208,547	186,455	145,825	163,810	2,199,554	2,193,338
	2038	168,143	149,059	154,677	161,625	196,296	213,112	237,599	234,331	211,411	189,066	147,695	166,266	2,229,280	2,222,342
	2039	170,752	151,359	156,688	163,761	199,053	216,111	241,063	237,737	214,449	191,826	149,664	168,813	2,261,276	2,254,001
	2040	173,446	157,307	158,755	165,945	201,854	219,148	244,554	241,155	217,485	194,574	151,616	171,333	2,297,172	2,289,952

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.2%	6.3%	7.0%	8.3%	8.6%	9.9%	10.8%	10.9%	9.8%	7.7%	6.7%	6.8%	100.0%
	2012	7.1%	6.5%	7.5%	7.7%	9.3%	9.1%	10.9%	10.4%	9.4%	8.5%	6.4%	7.2%	100.0%
	2013	6.9%	6.5%	7.2%	7.8%	8.5%	9.7%	9.9%	10.8%	9.5%	8.8%	7.0%	7.3%	100.0%
	2014	7.6%	6.4%	6.9%	7.7%	9.0%	9.4%	10.4%	10.8%	9.4%	8.4%	6.7%	7.3%	100.0%
	2015	6.7%	6.3%	7.4%	8.2%	9.1%	9.7%	10.1%	9.9%	9.4%	8.2%	7.7%	7.5%	100.0%
	2016	6.9%	6.5%	7.2%	7.4%	8.8%	10.0%	11.1%	10.4%	9.6%	8.2%	6.6%	7.1%	100.0%
	2017	6.8%	6.1%	7.0%	7.9%	9.4%	9.2%	10.5%	10.8%	9.5%	8.7%	6.9%	7.1%	100.0%
	2018	7.6%	6.7%	6.8%	7.4%	8.3%	9.5%	10.0%	10.4%	10.0%	9.0%	7.3%	7.0%	100.0%
	2019	7.0%	6.3%	6.9%	7.6%	9.3%	9.8%	10.3%	10.3%	9.6%	9.2%	6.8%	6.8%	100.0%
	2020	6.9%	6.6%	7.9%	7.5%	8.5%	9.6%	10.2%	10.7%	9.6%	8.4%	6.8%	7.3%	100.0%
Projected	2021	7.3%	6.5%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.3%	100.0%
	2022	7.3%	6.5%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.3%	100.0%
	2023	7.3%	6.5%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.3%	100.0%
	2024	7.3%	6.6%	7.1%	7.3%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.3%	100.0%
	2025	7.3%	6.5%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.3%	100.0%
	2026	7.4%	6.5%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.7%	7.3%	100.0%
	2027	7.4%	6.6%	7.1%	7.3%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.7%	7.3%	100.0%
	2028	7.4%	6.7%	7.0%	7.3%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.7%	7.3%	100.0%
	2029	7.4%	6.6%	7.0%	7.3%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.7%	7.4%	100.0%
	2030	7.4%	6.6%	7.0%	7.3%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.7%	7.4%	100.0%
Avg.	2011-2020	7.1%	6.4%	7.2%	7.8%	8.9%	9.6%	10.4%	10.5%	9.6%	8.5%	6.9%	7.1%	100.0%
	2021-2030	7.4%	6.6%	7.1%	7.3%	8.8%	9.6%	10.6%	10.5%	9.5%	8.5%	6.8%	7.3%	100.0%

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FMPA 2021 Load Forecast - Base Case
Kissimmee Utility Auth.
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	266.3	201.6	205.5	271.0	275.6	308.9	309.0	316.0	285.0	244.7	209.1	187.5	297.8	316.0
	2012	246.5	229.6	218.8	256.8	280.1	292.7	306.5	310.4	295.6	281.7	179.0	194.4	246.5	310.4
	2013	186.6	237.7	242.8	247.5	274.7	298.6	300.5	314.1	294.5	275.6	234.7	209.0	242.8	314.1
	2014	250.2	202.2	206.5	279.5	292.2	304.8	309.7	326.9	304.5	282.4	216.3	218.6	250.2	326.9
	2015	200.8	264.5	254.2	270.1	312.0	334.8	325.3	330.4	325.5	293.1	281.7	242.9	264.5	334.8
	2016	244.0	250.9	261.3	292.5	309.6	343.0	353.7	348.8	324.3	298.5	232.0	241.6	281.7	353.7
	2017	224.9	227.4	269.7	319.1	340.0	332.9	351.9	352.5	341.0	321.8	247.6	221.5	269.7	352.5
	2018	298.2	261.6	245.0	268.4	307.3	345.6	343.8	355.6	351.9	335.0	290.9	240.9	298.2	355.6
	2019	230.8	264.2	270.3	293.2	356.1	374.5	362.7	355.8	360.1	324.6	278.2	230.7	290.9	374.5
	2020	254.3	255.7	306.6	316.2	337.7	368.7	359.4	369.5	370.8	323.4	255.3	243.3	306.6	370.8
Projected	2021	309.5	262.5	286.9	314.9	350.6	368.1	374.3	382.1	362.9	334.9	262.1	249.7	309.5	382.1
	2022	317.6	269.4	294.4	321.5	357.9	375.3	381.6	389.6	370.0	341.9	267.4	254.8	317.6	389.6
	2023	324.1	274.9	300.4	329.1	366.4	383.8	390.3	398.5	378.4	350.0	273.7	260.9	324.1	398.5
	2024	331.8	281.4	307.5	337.4	375.8	393.1	399.8	408.2	387.6	358.6	282.0	268.7	331.8	408.2
	2025	341.8	289.9	316.8	345.0	384.3	401.2	408.0	416.6	395.5	366.5	288.5	274.9	341.8	416.6
	2026	349.7	296.6	324.1	351.4	391.5	407.7	414.7	423.5	402.0	373.2	294.3	280.4	349.7	423.5
	2027	356.7	302.5	330.6	357.3	398.2	413.6	420.8	429.7	407.7	379.4	298.9	284.9	356.7	429.7
	2028	362.3	307.3	335.8	363.1	404.8	419.3	426.6	435.7	413.3	385.6	305.8	291.4	362.3	435.7
	2029	370.6	314.3	343.5	368.5	411.1	424.5	431.9	441.2	418.3	391.4	311.3	296.6	370.6	441.2
	2030	377.3	320.0	349.7	374.0	417.3	429.6	437.2	446.7	423.4	397.4	317.0	302.1	377.3	446.7
Projected	2031	384.3	325.9	356.2	379.5	423.7	434.8	442.5	452.2	428.4	403.5	321.4	306.3	384.3	452.2
	2032	389.6	330.4	361.1	385.2	430.1	440.2	448.1	457.9	433.7	409.7	328.3	312.9	389.6	457.9
	2033	397.9	337.5	368.9	391.1	436.8	446.1	454.1	464.1	439.5	416.2	334.1	318.4	397.9	464.1
	2034	405.0	343.5	375.4	397.0	443.5	452.0	460.1	470.3	445.3	422.6	339.8	323.8	405.0	470.3
	2035	411.8	349.3	381.7	403.1	450.4	458.1	466.3	476.7	451.3	429.2	344.4	328.2	411.8	476.7
	2036	417.4	354.0	386.9	409.0	457.1	464.0	472.4	483.0	457.1	435.5	351.1	334.6	417.4	483.0
	2037	425.6	361.0	394.5	414.7	463.6	469.8	478.4	489.1	462.8	441.7	356.7	339.9	425.6	489.1
	2038	432.4	366.7	400.8	421.0	470.7	476.2	484.9	495.8	469.0	448.4	362.8	345.8	432.4	495.8
	2039	439.8	373.0	407.6	427.6	478.2	483.0	491.8	502.9	475.7	455.6	367.8	350.5	439.8	502.9
	2040	445.8	378.1	413.2	434.3	485.8	489.8	498.8	510.1	482.4	462.8	378.1	360.3	445.8	510.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.4%	64.3%	63.4%	58.8%	58.1%	61.5%	64.8%	63.9%	65.8%	58.4%	61.6%	67.7%	53.0%	51.0%
	2012	54.0%	57.4%	64.9%	58.7%	62.2%	60.7%	66.6%	62.9%	61.6%	56.7%	70.1%	69.5%	64.9%	50.9%
	2013	69.9%	57.4%	55.9%	61.8%	58.8%	63.8%	62.6%	65.4%	63.2%	60.4%	58.5%	65.9%	66.3%	50.6%
	2014	59.1%	67.3%	64.6%	54.9%	59.9%	61.6%	65.0%	64.1%	61.6%	57.7%	62.1%	64.3%	65.7%	50.4%
	2015	69.4%	54.4%	60.2%	65.1%	60.6%	62.0%	64.4%	62.6%	61.8%	58.3%	58.4%	63.8%	66.7%	51.4%
	2016	59.8%	58.2%	58.2%	55.4%	60.0%	63.4%	66.5%	63.0%	64.8%	58.1%	62.4%	62.1%	63.6%	51.2%
	2017	65.4%	63.6%	55.8%	55.3%	59.3%	61.4%	64.0%	65.8%	62.1%	58.0%	61.9%	69.4%	67.7%	51.2%
	2018	56.4%	62.5%	61.2%	63.6%	59.6%	63.3%	64.9%	64.8%	65.3%	59.9%	57.9%	64.4%	63.2%	52.3%
	2019	67.9%	59.9%	57.8%	60.7%	59.1%	60.8%	64.3%	65.1%	62.3%	64.2%	56.7%	66.5%	65.9%	51.3%
	2020	61.1%	62.2%	58.0%	55.2%	56.5%	60.7%	64.1%	65.1%	60.6%	58.8%	61.9%	67.7%	62.4%	51.8%
Projected	2021	54.4%	63.1%	56.9%	55.8%	58.1%	62.3%	65.6%	63.4%	62.6%	58.6%	62.0%	67.6%	63.3%	50.9%
	2022	54.3%	62.9%	56.7%	55.8%	58.1%	62.3%	65.6%	63.4%	62.6%	58.5%	61.8%	67.5%	62.9%	51.1%
	2023	54.2%	62.9%	56.5%	55.5%	57.9%	62.2%	65.6%	63.5%	62.6%	58.5%	61.8%	67.7%	63.0%	51.0%
	2024	54.3%	62.3%	56.6%	55.5%	57.8%	62.2%	65.6%	63.5%	62.6%	58.4%	61.3%	67.3%	63.1%	51.1%
	2025	54.0%	62.6%	56.1%	55.4%	57.7%	62.3%	65.6%	63.5%	62.6%	58.2%	60.9%	67.1%	62.5%	51.0%
	2026	53.9%	62.4%	55.7%	55.3%	57.7%	62.3%	65.6%	63.5%	62.6%	58.1%	60.6%	66.9%	62.1%	51.1%
	2027	53.7%	62.3%	55.4%	55.1%	57.5%	62.3%	65.6%	63.5%	62.6%	57.9%	60.4%	66.9%	61.8%	51.1%
	2028	53.8%	61.6%	55.2%	54.9%	57.4%	62.3%	65.7%	63.5%	62.6%	57.8%	59.7%	66.4%	61.8%	51.2%
	2029	53.4%	61.8%	54.6%	54.8%	57.2%	62.3%	65.7%	63.5%	62.6%	57.6%	59.2%	66.2%	61.1%	51.1%
	2030	53.2%	61.6%	54.1%	54.5%	57.0%	62.2%	65.7%	63.5%	62.6%	57.5%	58.8%	65.9%	60.7%	51.1%
Avg.	2011-2020	61.3%	60.7%	60.0%	58.9%	59.4%	61.9%	64.7%	64.3%	62.9%	59.1%	61.2%	66.1%	63.9%	51.2%
	2021-2030	53.9%	62.4%	55.8%	55.3%	57.6%	62.3%	65.6%	63.5%	62.6%	58.1%	60.6%	67.0%	62.2%	51.1%

FMPA 2021 Load Forecast - Base Case
Kissimmee Utility Auth.
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	266.3	201.6	205.5	266.9	275.6	308.9	298.6	316.0	282.2	243.1	208.8	175.6	297.8	316.0
	2012	245.8	229.6	211.6	249.9	275.5	291.1	302.6	300.1	290.4	277.8	177.1	192.0	245.8	302.6
	2013	165.7	237.7	242.8	235.6	274.7	298.6	298.9	306.8	285.5	268.8	233.0	206.2	242.8	306.8
	2014	241.4	190.5	189.9	278.5	291.0	304.8	295.4	326.9	290.5	280.1	174.1	183.4	241.4	326.9
	2015	188.3	264.5	234.5	264.5	290.7	330.5	306.4	327.5	317.8	289.7	275.8	239.9	264.5	330.5
	2016	242.4	250.9	247.9	288.3	302.1	343.0	353.7	348.8	308.8	298.3	224.5	229.7	275.8	353.7
	2017	215.2	227.4	266.8	319.1	340.0	331.9	339.8	345.7	331.9	313.8	247.6	214.5	266.8	345.7
	2018	292.2	248.6	241.9	261.1	298.0	334.5	339.4	349.9	343.5	335.0	290.9	213.9	292.2	349.9
	2019	228.5	258.1	267.1	288.1	345.1	372.5	362.7	351.8	360.1	323.1	278.2	230.7	290.9	372.5
	2020	254.3	255.7	301.5	287.9	331.6	360.5	359.4	360.5	365.9	319.4	246.5	233.1	301.5	360.5
Projected	2021	300.4	259.1	278.4	306.6	343.8	365.1	367.9	378.2	354.2	330.8	253.0	239.2	300.4	378.2
	2022	308.4	265.9	285.8	312.9	350.9	372.2	375.1	385.6	361.1	337.7	258.2	244.1	308.4	385.6
	2023	314.6	271.3	291.6	320.3	359.3	380.6	383.6	394.4	369.2	345.6	264.3	249.9	314.6	394.4
	2024	322.1	277.7	298.5	328.5	368.5	389.9	392.9	404.0	378.1	354.1	272.3	257.4	322.1	404.0
	2025	331.8	286.1	307.5	335.8	376.8	397.8	401.0	412.4	385.8	361.9	278.6	263.4	331.8	412.4
	2026	339.5	292.7	314.6	342.0	383.9	404.4	407.5	419.2	392.1	368.6	284.1	268.6	339.5	419.2
	2027	346.3	298.6	320.9	347.7	390.4	410.2	413.4	425.3	397.6	374.7	288.6	272.9	346.3	425.3
	2028	351.7	303.3	326.0	353.3	396.9	415.8	419.1	431.2	403.0	380.7	295.2	279.1	351.7	431.2
	2029	359.8	310.2	333.4	358.6	403.0	420.9	424.2	436.6	407.9	386.5	300.6	284.2	359.8	436.6
	2030	366.3	315.8	339.4	363.9	409.1	425.9	429.4	441.9	412.7	392.4	306.1	289.4	366.3	441.9
Projected	2031	373.0	321.7	345.7	369.2	415.3	431.1	434.6	447.4	417.6	398.4	310.4	293.4	373.0	447.4
	2032	378.2	326.1	350.5	374.7	421.5	436.4	440.0	453.0	422.7	404.5	317.0	299.7	378.2	453.0
	2033	386.3	333.1	358.0	380.4	428.1	442.2	445.9	459.1	428.3	410.9	322.6	305.0	386.3	459.1
	2034	393.1	339.0	364.3	386.1	434.7	448.1	451.7	465.2	433.8	417.2	328.1	310.2	393.1	465.2
	2035	399.8	344.7	370.5	392.0	441.4	454.1	457.8	471.6	439.6	423.6	332.5	314.4	399.8	471.6
	2036	405.2	349.4	375.5	397.7	447.9	460.0	463.8	477.7	445.2	429.9	339.0	320.5	405.2	477.7
	2037	413.1	356.3	382.9	403.3	454.3	465.7	469.6	483.8	450.7	436.0	344.4	325.6	413.1	483.8
	2038	419.7	361.9	389.0	409.3	461.3	472.0	475.9	490.4	456.8	442.6	350.3	331.2	419.7	490.4
	2039	426.9	368.1	395.6	415.8	468.6	478.7	482.7	497.4	463.2	449.7	355.1	335.7	426.9	497.4
	2040	432.7	373.2	401.0	422.2	476.0	485.5	489.6	504.5	469.7	456.8	365.1	345.2	432.7	504.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.0%	100.0%	100.0%	98.5%	100.0%	100.0%	96.6%	100.0%	99.0%	99.3%	99.9%	93.6%	100.0%	100.0%
	2012	99.7%	100.0%	96.7%	97.3%	98.4%	99.5%	98.7%	96.7%	98.2%	98.6%	98.9%	98.8%	99.7%	97.5%
	2013	88.8%	100.0%	100.0%	95.2%	100.0%	100.0%	99.5%	97.7%	96.9%	97.5%	99.3%	98.7%	100.0%	97.7%
	2014	96.5%	94.2%	91.9%	99.7%	99.6%	100.0%	95.4%	100.0%	95.4%	99.2%	80.5%	83.9%	96.5%	100.0%
	2015	93.8%	100.0%	92.3%	97.9%	93.2%	98.7%	94.2%	99.1%	97.6%	98.8%	97.9%	98.8%	100.0%	98.7%
	2016	99.3%	100.0%	94.8%	98.6%	97.6%	100.0%	100.0%	100.0%	95.2%	99.9%	96.8%	95.1%	97.9%	100.0%
	2017	95.7%	100.0%	98.9%	100.0%	100.0%	99.7%	96.6%	98.0%	97.3%	97.5%	100.0%	96.8%	98.9%	98.0%
	2018	98.0%	95.0%	98.7%	97.3%	97.0%	96.8%	98.7%	98.4%	97.6%	100.0%	100.0%	88.8%	98.0%	98.4%
	2019	99.0%	97.7%	98.8%	98.2%	96.9%	99.5%	100.0%	98.9%	100.0%	99.5%	100.0%	100.0%	100.0%	99.5%
	2020	100.0%	100.0%	98.3%	91.0%	98.2%	97.8%	100.0%	97.6%	98.7%	98.8%	96.6%	95.8%	98.3%	97.2%
Projected	2021	97.1%	98.7%	97.1%	97.4%	99.2%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%
	2022	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2023	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2024	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2025	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.6%	98.8%	96.6%	95.8%	97.1%	99.0%
	2026	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2027	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.3%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2028	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2029	97.1%	98.7%	97.1%	97.3%	98.0%	99.2%	98.2%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%
	2030	97.1%	98.7%	97.1%	97.3%	98.0%	99.1%	98.2%	98.9%	97.5%	98.7%	96.6%	95.8%	97.1%	98.9%
	2011-2020	97.1%	98.7%	97.1%	97.4%	98.1%	99.2%	98.0%	98.6%	97.6%	98.9%	97.0%	95.0%	98.9%	98.7%
	2021-2030	97.1%	98.7%	97.1%	97.3%	98.1%	99.2%	98.3%	99.0%	97.5%	98.7%	96.6%	95.8%	97.1%	99.0%

FMPA 2021 Load Forecast - Base Case - KUA

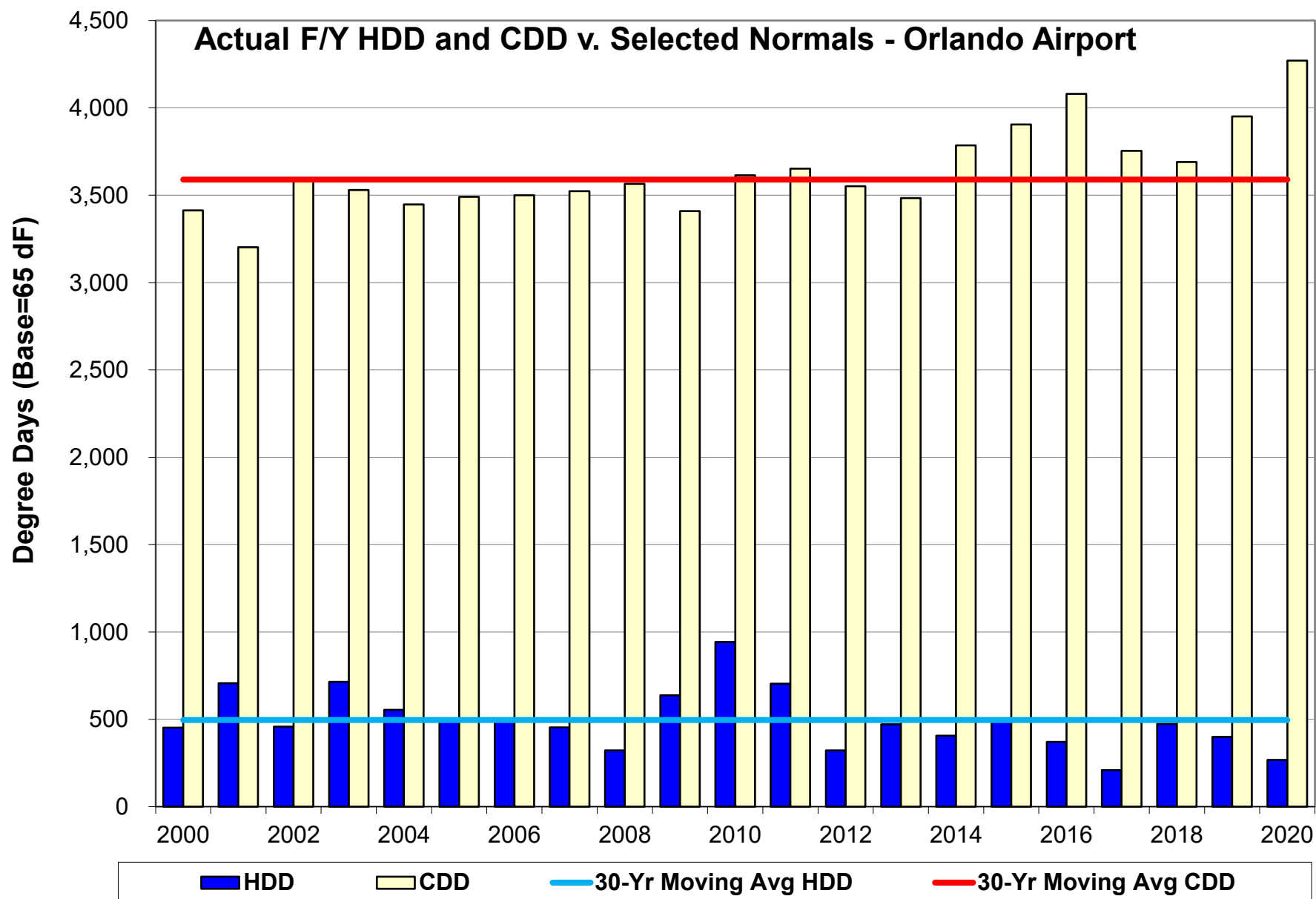
Historical and Projected - Energy Sales by Customer Class
(Fiscal Year 2011-2040)

Fiscal Year		Residential						General Service Non-Demand						General Service Demand						Lights		City		TOTAL SALES		DISTR.		TOTAL NEL	
		Sales (MWh)	Chg	Avg. Cust. (#)	Chg	Sales/ Cust. (kWh)	Chg	Sales (MWh)	Chg	Avg. Cust. (#)	Chg	Sales/ Cust. (MWh)	Chg	Sales (MWh)	Chg	Avg. Cust. (#)	Chg	Sales/ Cust. (MWh)	Chg	Sales (MWh)	Chg	Sales (MWh)	Chg	(MWh)	Chg	LOSSES		(MWh)	Chg
																										(MWh)	(%)		
Historical	2011	733,223		53,562		13,689		170,573		8,465		20.2		435,830		846		515		16,149		3,539		1,359,313		51,289	3.6%	1,410,602	
	2012	702,353	-4.2%	54,675	2.1%	12,846	-6.2%	166,918	-2.1%	8,470	0.1%	19.7	-2.2%	437,819	0.5%	862	1.9%	508	-1.4%	16,326	1.1%	4,174	18.0%	1,327,589	-2.3%	56,730	4.1%	1,384,319	-1.9%
	2013	709,471	1.0%	55,713	1.9%	12,734	-0.9%	165,185	-1.0%	8,506	0.4%	19.4	-1.5%	443,065	1.2%	856	-0.6%	517	1.8%	16,616	1.8%	3,414	-18.2%	1,337,750	0.8%	55,741	4.0%	1,393,491	0.7%
	2014	741,059	4.5%	56,781	1.9%	13,051	2.5%	171,701	3.9%	8,634	1.5%	19.9	2.4%	448,067	1.1%	831	-3.0%	540	4.3%	16,769	0.9%	3,414	0.0%	1,381,011	3.2%	61,305	4.3%	1,442,316	3.5%
	2015	785,853	6.0%	58,298	2.7%	13,480	3.3%	178,421	3.9%	8,746	1.3%	20.4	2.6%	457,858	2.2%	833	0.3%	549	1.8%	17,137	2.2%	3,450	1.1%	1,442,719	4.5%	65,406	4.3%	1,508,124	4.6%
	2016	833,290	6.0%	60,178	3.2%	13,847	2.7%	189,100	6.0%	8,885	1.6%	21.3	4.3%	473,045	3.3%	843	1.1%	561	2.2%	17,675	3.1%	3,448	-0.1%	1,516,558	5.1%	68,935	4.3%	1,585,494	5.1%
	2017	827,838	-0.7%	61,988	3.0%	13,355	-3.6%	185,698	-1.8%	8,920	0.4%	20.8	-2.2%	474,636	0.3%	862	2.3%	551	-1.9%	18,096	2.4%	3,441	-0.2%	1,509,708	-0.5%	70,861	4.5%	1,580,568	-0.3%
	2018	864,038	4.4%	64,042	3.3%	13,492	1.0%	189,263	1.9%	9,051	1.5%	20.9	0.4%	487,739	2.8%	875	1.5%	557	1.2%	18,478	2.1%	3,512	2.1%	1,563,030	3.5%	66,928	4.1%	1,629,958	3.1%
	2019	915,636	6.0%	66,750	4.2%	13,717	1.7%	193,485	2.2%	9,247	2.2%	20.9	0.1%	492,400	1.0%	901	2.9%	547	-1.9%	18,912	2.3%	3,303	-6.0%	1,623,736	3.9%	57,843	3.4%	1,681,579	3.2%
	2020	956,188	4.4%	69,349	3.9%	13,788	0.5%	184,116	-4.8%	9,495	2.7%	19.4	-7.3%	467,739	-5.0%	917	1.8%	510	-6.7%	19,475	3.0%	3,225	-2.3%	1,630,743	0.4%	51,430	3.1%	1,682,173	0.0%
Projected	2021	966,747	1.1%	71,920	3.3%	13,442	-2.5%	184,166	0.0%	9,713	2.3%	19.0	-2.2%	478,047	2.2%	921	0.4%	519	1.8%	19,578	0.5%	3,225	0.0%	1,651,763	1.3%	63,672	3.7%	1,715,435	2.0%
	2022	995,687	3.0%	74,046	3.0%	13,447	0.0%	186,049	1.0%	9,820	1.1%	18.9	-0.1%	485,901	1.6%	930	1.0%	522	0.6%	19,578	0.0%	3,225	0.0%	1,690,440	2.3%	68,229	3.9%	1,758,669	2.5%
	2023	1,021,544	2.6%	76,135	2.8%	13,418	-0.2%	188,637	1.4%	9,943	1.2%	19.0	0.1%	495,639	2.0%	940	1.0%	528	1.0%	19,578	0.0%	3,225	0.0%	1,728,624	2.3%	69,782	3.9%	1,798,405	2.3%
	2024	1,050,274	2.8%	78,213	2.7%	13,428	0.1%	193,203	2.4%	10,070	1.3%	19.2	1.1%	509,358	2.8%	948	0.9%	537	1.8%	19,578	0.0%	3,225	0.0%	1,775,638	2.7%	74,561	4.0%	1,850,200	2.9%
	2025	1,079,977	2.8%	80,289	2.7%	13,451	0.2%	196,911	1.9%	10,199	1.3%	19.3	0.6%	521,379	2.4%	956	0.9%	545	1.5%	19,578	0.0%	3,225	0.0%	1,821,070	2.6%	73,499	3.9%	1,894,569	2.4%
	2026	1,107,895	2.6%	82,352	2.6%	13,453	0.0%	199,657	1.4%	10,330	1.3%	19.3	0.1%	531,410	1.9%	964	0.8%	551	1.1%	19,578	0.0%	3,225	0.0%	1,861,766	2.2%	75,085	3.9%	1,936,852	2.2%
	2027	1,134,359	2.4%	84,384	2.5%	13,443	-0.1%	201,846	1.1%	10,462	1.3%	19.3	-0.2%	540,012	1.6%	971	0.8%	556	0.8%	19,578	0.0%	3,225	0.0%	1,899,021	2.0%	76,560	3.9%	1,975,581	2.0%
	2028	1,161,886	2.4%	86,430	2.4%	13,443	0.0%	203,781	1.0%	10,592	1.2%	19.2	-0.3%	547,803	1.4%	979	0.7%	560	0.7%	19,578	0.0%	3,225	0.0%	1,936,274	2.0%	81,186	4.0%	2,017,459	2.1%
	2029	1,189,415	2.4%	88,482	2.4%	13,442	0.0%	205,549	0.9%	10,720	1.2%	19.2	-0.3%	555,158	1.3%	986	0.7%	563	0.6%	19,578	0.0%	3,225	0.0%	1,972,925	1.9%	79,500	3.9%	2,052,425	1.7%
	2030	1,216,838	2.3%	90,536	2.3%	13,440	0.0%	207,197	0.8%	10,846	1.2%	19.1	-0.4%	562,258	1.3%	992	0.7%	567	0.6%	19,578	0.0%	3,225	0.0%	2,009,096	1.8%	80,945	3.9%	2,090,041	1.8%
	2031	1,245,268	2.3%	92,576	2.3%	13,451	0.1%	208,747	0.7%	10,970	1.1%	19.0	-0.4%	569,069	1.2%	999	0.7%	570	0.5%	19,578	0.0%	3,225	0.0%	2,045,887	1.8%	82,405	3.9%	2,128,292	1.8%
	2032	1,273,550	2.3%	94,577	2.2%	13,466	0.1%	210,254	0.7%	11,087	1.1%	19.0	-0.3%	575,612	1.1%	1,005	0.6%	573	0.5%	19,578	0.0%	3,225	0.0%	2,082,220	1.8%	87,224	4.0%	2,169,444	1.9%
	2033	1,302,799	2.3%	96,583	2.1%	13,489	0.2%	211,778	0.7%	11,203	1.0%	18.9	-0.3%	582,075	1.1%	1,012	0.6%	575	0.5%	19,578	0.0%	3,225	0.0%	2,119,456	1.8%	85,340	3.9%	2,204,796	1.6%
	2034	1,332,294	2.3%	98,597	2.1%	13,513	0.2%	213,282	0.7%	11,319	1.0%	18.8	-0.3%	588,416	1.1%	1,018	0.6%	578	0.5%	19,578	0.0%	3,225	0.0%	2,156,795	1.8%	86,820	3.9%	2,243,615	1.8%
	2035	1,361,549	2.2%	100,623	2.1%	13,531	0.1%	214,770	0.7%	11,436	1.0%	18.8	-0.3%	594,711	1.1%	1,024	0.6%	581	0.5%	19,578	0.0%	3,225	0.0%	2,193,833	1.7%	88,297	3.9%	2,282,130	1.7%
	2036	1,391,035	2.2%	102,654	2.0%	13,551	0.1%	216,238	0.7%	11,554	1.0%	18.7	-0.3%	600,958	1.1%	1,030	0.6%	584	0.5%	19,578	0.0%	3,225	0.0%	2,231,035	1.7%	93,383	4.0%	2,324,418	1.9%
	2037	1,419,256	2.0%	104,679	2.0%	13,558	0.1%	217,663	0.7%	11,672	1.0%	18.6	-0.4%	607,102	1.0%	1,036	0.6%	586	0.5%	19,578	0.0%	3,225	0.0%	2,266,825	1.6%	91,188	3.9%	2,358,013	1.4%
	2038	1,448,994	2.1%	106,723	2.0%	13,577	0.1%	219,047	0.6%	11,787	1.0%	18.6	-0.4%	613,199	1.0%	1,041	0.6%	589	0.4%	19,578	0.0%	3,225	0.0%	2,304,043	1.6%	92,684	3.9%	2,396,727	1.6%
	2039	1,481,418	2.2%	108,785	1.9%	13,618	0.3%	220,422	0.6%	11,903	1.0%	18.5	-0.4%	619,311	1.0%	1,047	0.6%	591	0.4%	19,578	0.0%	3,225	0.0%	2,343,954	1.7%	94,282	3.9%	2,438,235	1.7%
	2040	1,514,520	2.2%	110,876	1.9%	13,660	0.3%	221,795	0.6%	12,019	1.0%	18.5	-0.3%	625,439	1.0%	1,053	0.5%	594	0.4%	19,578	0.0%	3,225	0.0%	2,384,558	1.7%	99,755	4.0%	2,484,313	1.9%
CAGR	2011-2020		3.0%		2.9%		0.1%		0.9%		1.3%		-0.4%		0.8%		0.9%		-0.1%		2.1%		-1.0%		2.0%		4.0%		2.0%
	2021-2030		2.6%		2.6%		0.0%		1.3%		1.2%		0.1%		1.8%		0.8%		1.0%		0.0%		0.0%	2.2%		3.9%		2.2%	
	2031-2040		2.2%		2.0%		0.2%		0.7%		1.0%		-0.3%		1.1%		0.6%		0.5%		0.0%		0.0%	1.7%		3.9%		1.7%	

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Kissimmee (Osceola County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	174.1	-	61.6	-	63.7	-	1.49	-	4,303	-	4,597	-	74,641	-
2001	181.7	4.3%	65.5	6.3%	74.5	16.9%	1.77	18.4%	4,994	16.1%	4,904	6.7%	74,890	0.3%
2002	190.8	5.0%	68.6	4.7%	78.0	4.6%	1.84	4.3%	5,555	11.2%	5,186	5.8%	75,637	1.0%
2003	202.7	6.2%	72.8	6.1%	82.6	6.0%	1.74	-5.7%	5,725	3.1%	5,550	7.0%	76,265	0.8%
2004	216.5	6.8%	76.6	5.3%	88.5	7.1%	1.73	-0.7%	6,139	7.2%	5,933	6.9%	77,432	1.5%
2005	228.0	5.3%	80.0	4.5%	96.7	9.2%	1.89	9.5%	6,777	10.4%	6,496	9.5%	81,162	4.8%
2006	242.1	6.2%	84.3	5.3%	100.8	4.3%	1.91	1.1%	6,833	0.8%	6,869	5.8%	81,491	0.4%
2007	253.7	4.8%	88.1	4.5%	104.2	3.3%	2.19	14.8%	7,192	5.3%	7,161	4.2%	81,303	-0.2%
2008	261.7	3.2%	89.9	2.1%	103.5	-0.6%	1.86	-15.4%	6,571	-8.6%	7,012	-2.1%	77,975	-4.1%
2009	265.3	1.3%	89.9	0.0%	99.9	-3.5%	1.79	-3.7%	6,481	-1.4%	7,063	0.7%	78,544	0.7%
2010	269.8	1.7%	91.0	1.2%	101.3	1.4%	1.54	-13.8%	6,667	2.9%	7,469	5.7%	82,103	4.5%
2011	278.6	3.3%	94.4	3.7%	107.3	5.9%	1.49	-3.5%	6,858	2.9%	7,922	6.1%	83,951	2.3%
2012	288.9	3.7%	96.4	2.1%	110.4	2.9%	1.61	8.5%	6,985	1.8%	8,004	1.0%	83,051	-1.1%
2013	299.3	3.6%	98.6	2.3%	113.3	2.6%	1.75	8.3%	7,134	2.1%	8,252	3.1%	83,700	0.8%
2014	311.1	4.0%	100.4	1.8%	121.4	7.2%	1.80	3.3%	7,470	4.7%	8,708	5.5%	86,776	3.7%
2015	323.6	4.0%	102.8	2.4%	127.8	5.2%	1.77	-1.8%	8,019	7.3%	9,535	9.5%	92,767	6.9%
2016	337.7	4.4%	105.3	2.5%	135.8	6.3%	1.97	11.1%	8,282	3.3%	10,149	6.4%	96,372	3.9%
2017	352.7	4.4%	107.3	1.9%	145.3	7.0%	2.03	3.4%	8,542	3.1%	10,759	6.0%	100,283	4.1%
2018	368.0	4.3%	110.5	3.0%	151.3	4.1%	2.17	6.8%	8,786	2.9%	11,347	5.5%	102,648	2.4%
2019	377.6	2.6%	114.3	3.4%	156.4	3.4%	2.19	0.8%	9,386	6.8%	11,880	4.7%	103,917	1.2%
2020	388.3	2.8%	118.3	3.5%	161.6	3.3%	2.19	0.1%	9,839	4.8%	12,494	5.2%	105,614	1.6%
2021	399.1	2.8%	122.3	3.4%	167.0	3.3%	2.20	0.4%	10,312	4.8%	13,101	4.9%	107,124	1.4%
2022	410.0	2.7%	126.2	3.2%	172.6	3.4%	2.20	0.0%	10,799	4.7%	13,750	5.0%	108,955	1.7%
2023	421.1	2.7%	130.0	3.0%	178.1	3.2%	2.21	0.2%	11,300	4.6%	14,413	4.8%	110,833	1.7%
2024	432.4	2.7%	133.9	2.9%	183.6	3.1%	2.21	0.3%	11,820	4.6%	15,080	4.6%	112,652	1.6%
2025	443.8	2.6%	137.7	2.8%	189.2	3.0%	2.22	0.2%	12,357	4.5%	15,759	4.5%	114,476	1.6%
2026	455.1	2.5%	141.3	2.7%	194.6	2.9%	2.22	0.2%	12,904	4.4%	16,454	4.4%	116,409	1.7%
2027	466.5	2.5%	145.0	2.6%	200.0	2.8%	2.23	0.2%	13,471	4.4%	17,150	4.2%	118,256	1.6%
2028	478.2	2.5%	148.7	2.5%	205.4	2.7%	2.23	0.2%	14,058	4.4%	17,848	4.1%	120,018	1.5%
2029	489.9	2.5%	152.4	2.5%	210.9	2.7%	2.23	0.2%	14,667	4.3%	18,550	3.9%	121,726	1.4%
2030	501.9	2.4%	156.1	2.4%	216.4	2.6%	2.24	0.2%	15,299	4.3%	19,270	3.9%	123,479	1.4%
2031	513.7	2.3%	159.6	2.3%	221.6	2.4%	2.24	0.2%	15,942	4.2%	19,936	3.5%	124,907	1.2%
2032	525.6	2.3%	163.2	2.2%	227.0	2.4%	2.25	0.1%	16,608	4.2%	20,634	3.5%	126,470	1.3%
2033	537.7	2.3%	166.7	2.2%	232.3	2.3%	2.25	0.2%	17,299	4.2%	21,349	3.5%	128,065	1.3%
2034	550.0	2.3%	170.3	2.1%	237.7	2.3%	2.25	0.2%	18,014	4.1%	22,088	3.5%	129,724	1.3%
2035	562.4	2.3%	173.9	2.1%	243.1	2.3%	2.26	0.2%	18,756	4.1%	22,851	3.5%	131,436	1.3%
2036	574.8	2.2%	177.4	2.0%	248.4	2.2%	2.26	0.2%	19,518	4.1%	23,624	3.4%	133,177	1.3%
2037	587.3	2.2%	181.0	2.0%	253.8	2.2%	2.26	0.1%	20,306	4.0%	24,397	3.3%	134,822	1.2%
2038	599.9	2.2%	184.5	2.0%	259.2	2.1%	2.27	0.1%	21,123	4.0%	25,198	3.3%	136,540	1.3%
2039	612.8	2.1%	188.2	2.0%	264.8	2.1%	2.27	0.1%	21,969	4.0%	26,013	3.2%	138,238	1.2%
2040	625.8	2.1%	191.9	2.0%	270.3	2.1%	2.28	0.2%	22,845	4.0%	26,868	3.3%	140,029	1.3%
Average Percent Change														
2010-2020		3.7%		2.7%		4.8%		3.6%		4.0%		5.3%		2.6%
2021-2030		2.6%		2.7%		2.9%		0.2%		4.5%		4.4%		1.6%
2031-2040		2.2%		2.1%		2.3%		0.2%		4.1%		3.4%		1.3%



Leesburg

FMPA 2021 Load Forecast - Base Case
Leesburg
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)		Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change
Year																
Historical	2011	499,570	-	484,635	-	-3.0%	105.3	-	100.0	-	-5.0%	100.0	-	99.7	-	-0.3%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	90.6	-14.0%	89.7	-10.3%	-1.0%	89.7	-10.3%	105.8	6.1%	18.0%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	80.8	-10.8%	84.8	-5.4%	5.0%	90.5	0.9%	94.3	-10.9%	4.2%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	89.4	10.5%	97.6	15.1%	9.3%	95.8	5.9%	93.6	-0.7%	-2.3%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	12.0%	103.6	6.2%	3.5%	105.6	10.2%	100.1	6.9%	-5.3%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	84.7	-15.4%	91.9	-11.3%	8.6%	110.9	5.0%	105.7	5.6%	-4.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	78.8	-6.9%	97.2	5.7%	23.2%	108.4	-2.3%	109.7	3.8%	1.3%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	46.3%	110.8	14.1%	-3.9%	109.0	0.6%	114.3	4.2%	4.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	85.8	-25.6%	104.0	-6.2%	21.2%	115.8	6.3%	110.8	-3.1%	-4.3%
	2020	505,451	-0.8%	499,157	0.4%	-1.2%	92.2	7.4%	104.8	0.8%	13.7%	112.0	-3.3%	109.4	-1.3%	-2.3%
Projected	2021	508,243	0.6%	508,243	1.8%		101.1	9.7%	101.1	-3.5%		111.0	-0.9%	111.0	1.5%	
	2022			518,638	2.0%				103.3	2.2%				113.4	2.1%	
	2023			525,346	1.3%				104.9	1.5%				114.5	1.0%	
	2024			531,108	1.1%				105.7	0.8%				115.5	0.8%	
	2025			534,243	0.6%				106.7	0.9%				116.3	0.8%	
	2026			538,265	0.8%				107.5	0.7%				117.2	0.7%	
	2027			542,649	0.8%				108.3	0.8%				118.2	0.8%	
	2028			548,722	1.1%				109.2	0.8%				119.2	0.9%	
	2029			552,459	0.7%				110.3	1.0%				120.3	0.9%	
	2030			557,771	1.0%				111.3	0.9%				121.5	1.0%	
	2031			563,725	1.1%				112.5	1.1%				122.8	1.0%	
	2032			570,721	1.2%				113.6	1.0%				124.0	1.0%	
	2033			575,360	0.8%				114.8	1.0%				125.4	1.1%	
	2034			581,762	1.1%				116.1	1.2%				126.7	1.1%	
	2035			587,815	1.0%				117.3	1.0%				128.1	1.1%	
	2036			595,940	1.4%				118.5	1.1%				129.6	1.1%	
	2037			601,031	0.9%				119.9	1.2%				130.9	1.1%	
	2038			607,285	1.0%				121.1	1.0%				132.3	1.1%	
	2039			613,877	1.1%				122.5	1.1%				133.7	1.1%	
	2040			621,790	1.3%				123.7	1.0%				135.1	1.0%	
CAGR ^[3]	2011-2020		0.1%		0.3%			-1.5%		0.5%			1.3%		1.0%	
	2021-2030				1.0%					1.1%					1.0%	
	2031-2040				1.1%					1.1%					1.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Leesburg

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

Year		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	499,570	-	499,570	-	106.8	106.6	106.8	106.6	105.3	100.0	105.3	100.0
	2012	469,153	-6.1%	469,153	-6.1%	94.0	100.5	94.0	100.5	90.6	89.7	90.6	89.7
	2013	468,646	-0.1%	468,646	-0.1%	84.5	99.0	84.5	99.0	80.8	90.5	80.8	90.5
	2014	465,764	-0.6%	465,764	-0.6%	91.2	100.0	91.2	100.0	89.4	95.8	89.4	95.8
	2015	478,866	2.8%	478,866	2.8%	100.1	107.1	100.1	107.1	100.1	105.6	100.1	105.6
	2016	492,572	2.9%	492,572	2.9%	91.8	110.9	91.8	110.9	84.7	110.9	84.7	110.9
	2017	484,786	-1.6%	484,786	-1.6%	84.8	109.3	84.8	109.3	78.8	108.4	78.8	108.4
	2018	502,040	3.6%	502,040	3.6%	115.3	110.5	115.3	110.5	115.3	109.0	115.3	109.0
	2019	509,775	1.5%	509,775	1.5%	89.3	115.8	89.3	115.8	85.8	115.8	85.8	115.8
	2020	505,451	-0.8%	504,111	-1.1%	97.7	114.9	100.3	111.5	92.2	112.0	99.7	109.2
Projected	2021	508,243	0.6%	508,945	1.0%	101.5	113.0	101.7	112.8	101.1	111.0	101.1	110.5
	2022	518,638	2.0%	514,114	1.0%	103.7	115.4	102.8	113.9	103.3	113.4	102.2	111.5
	2023	525,346	1.3%	518,436	0.8%	105.3	116.6	103.7	114.8	104.9	114.5	103.0	112.5
	2024	531,108	1.1%	524,151	1.1%	106.1	117.5	104.5	115.8	105.7	115.5	103.9	113.4
	2025	534,243	0.6%	527,521	0.6%	107.1	118.4	105.5	116.8	106.7	116.3	104.8	114.4
	2026	538,265	0.8%	532,097	0.9%	107.9	119.3	106.4	117.9	107.5	117.2	105.8	115.4
	2027	542,649	0.8%	536,651	0.9%	108.8	120.3	107.3	118.8	108.3	118.2	106.7	116.4
	2028	548,722	1.1%	542,270	1.0%	109.6	121.4	108.1	119.8	109.2	119.2	107.5	117.3
	2029	552,459	0.7%	544,886	0.5%	110.7	122.5	109.0	120.6	110.3	120.3	108.4	118.1
	2030	557,771	1.0%	548,756	0.7%	111.7	123.7	109.7	121.5	111.3	121.5	109.1	119.0
	2031	563,725	1.1%	553,303	0.8%	112.9	125.0	110.7	122.5	112.5	122.8	110.0	120.0
	2032	570,721	1.2%	558,812	1.0%	114.0	126.2	111.5	123.4	113.6	124.0	110.8	120.9
	2033	575,360	0.8%	561,831	0.5%	115.2	127.6	112.3	124.4	114.8	125.4	111.6	121.8
	2034	581,762	1.1%	566,246	0.8%	116.6	129.0	113.3	125.3	116.1	126.7	112.6	122.7
	2035	587,815	1.0%	570,157	0.7%	117.7	130.4	114.0	126.2	117.3	128.1	113.3	123.6
	2036	595,940	1.4%	576,034	1.0%	119.0	131.9	114.9	127.2	118.5	129.6	114.1	124.6
	2037	601,031	0.9%	578,922	0.5%	120.4	133.3	115.8	128.1	119.9	130.9	115.1	125.5
	2038	607,285	1.0%	582,816	0.7%	121.6	134.7	116.6	129.0	121.1	132.3	115.8	126.3
	2039	613,877	1.1%	586,896	0.7%	122.9	136.1	117.4	129.9	122.5	133.7	116.7	127.2
	2040	621,790	1.3%			124.2	137.6			123.7	135.1		
CAGR ^[1]	Historical		0.1%		0.3%	-1.0%	0.8%	-2.2%	1.0%	0.2%	2.8%	-0.8%	3.7%
	1st 10 Prj Yrs		1.0%		0.9%	1.1%	1.0%	0.9%	0.9%	1.1%	1.0%	0.9%	0.9%
	2nd 10 Prj Yrs		1.1%		0.7%	1.1%	1.1%	0.8%	0.7%	1.1%	1.1%	0.8%	0.7%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Leesburg
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

Year		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	499,570	-	484,635	-	-3.0%	105.3	-	100.0	-	-5.0%	100.0	-	99.7	-	-0.3%
	2012	469,153	-6.1%	477,539	-1.5%	1.8%	90.6	-14.0%	89.7	-10.3%	-1.0%	89.7	-10.3%	105.8	6.1%	18.0%
	2013	468,646	-0.1%	473,850	-0.8%	1.1%	80.8	-10.8%	84.8	-5.4%	5.0%	90.5	0.9%	94.3	-10.9%	4.2%
	2014	465,764	-0.6%	461,466	-2.6%	-0.9%	89.4	10.5%	97.6	15.1%	9.3%	95.8	5.9%	93.6	-0.7%	-2.3%
	2015	478,866	2.8%	466,596	1.1%	-2.6%	100.1	12.0%	103.6	6.2%	3.5%	105.6	10.2%	100.1	6.9%	-5.3%
	2016	492,572	2.9%	477,997	2.4%	-3.0%	84.7	-15.4%	91.9	-11.3%	8.6%	110.9	5.0%	105.7	5.6%	-4.7%
	2017	484,786	-1.6%	491,579	2.8%	1.4%	78.8	-6.9%	97.2	5.7%	23.2%	108.4	-2.3%	109.7	3.8%	1.3%
	2018	502,040	3.6%	500,497	1.8%	-0.3%	115.3	46.3%	110.8	14.1%	-3.9%	109.0	0.6%	114.3	4.2%	4.9%
	2019	509,775	1.5%	496,964	-0.7%	-2.5%	85.8	-25.6%	104.0	-6.2%	21.2%	115.8	6.3%	110.8	-3.1%	-4.3%
	2020	505,451	-0.8%	488,428	-1.7%	-3.4%	92.2	7.4%	104.8	0.8%	13.7%	112.0	-3.3%	109.4	-1.3%	-2.3%
Projected	2021	507,150	0.3%	507,150	3.8%		101.1	9.7%	101.1	-3.5%		110.8	-1.1%	110.8	1.3%	
	2022			517,199	2.0%				103.3	2.2%				113.0	2.0%	
	2023			523,558	1.2%				104.9	1.5%				114.1	0.9%	
	2024			528,915	1.0%				105.7	0.8%				114.9	0.7%	
	2025			531,605	0.5%				106.7	0.9%				115.7	0.7%	
	2026			534,983	0.6%				107.5	0.7%				116.4	0.6%	
	2027			538,659	0.7%				108.3	0.8%				117.2	0.7%	
	2028			543,969	1.0%				109.2	0.8%				118.1	0.8%	
	2029			546,915	0.5%				110.3	1.0%				119.0	0.7%	
	2030			551,390	0.8%				111.3	0.9%				120.0	0.9%	
	2031			556,815	1.0%				112.5	1.1%				121.2	1.0%	
	2032			563,254	1.2%				113.6	1.0%				122.2	0.9%	
	2033			567,347	0.7%				114.8	1.0%				123.5	1.0%	
	2034			573,185	1.0%				116.1	1.2%				124.7	1.0%	
	2035			578,675	1.0%				117.3	1.0%				125.9	1.0%	
	2036			586,142	1.3%				118.5	1.1%				127.2	1.0%	
	2037			590,568	0.8%				119.9	1.2%				128.4	0.9%	
	2038			596,113	0.9%				121.1	1.0%				129.7	1.0%	
	2039			601,970	1.0%				122.5	1.1%				130.9	1.0%	
	2040			609,130	1.2%				123.7	1.0%				132.1	0.9%	
CAGR ^[3]	2011-2020		0.1%		0.1%			-1.5%		0.5%			1.3%		1.0%	
	2021-2030				0.9%					1.1%					0.9%	
	2031-2040				1.0%					1.1%					1.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Leesburg
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	39,682	32,663	33,687	38,735	44,344	46,667	48,594	50,910	44,987	34,549	31,244	34,502	480,565	499,570
	2012	36,917	32,660	36,771	37,974	43,926	41,252	48,781	46,816	43,761	38,605	31,462	35,792	474,717	469,153
	2013	35,889	32,673	34,655	37,719	41,300	44,024	44,244	47,680	44,602	38,608	31,863	34,244	467,502	468,646
	2014	41,539	30,866	32,171	36,124	41,397	42,647	46,322	48,247	41,736	36,913	32,055	36,278	466,295	465,764
	2015	37,418	34,461	36,655	37,934	43,607	46,636	46,042	47,761	43,105	37,790	35,586	35,183	482,179	478,866
	2016	37,442	33,370	34,333	35,885	42,778	48,801	53,660	51,238	46,504	39,337	32,309	34,430	490,088	492,572
	2017	35,141	30,207	35,152	38,802	45,152	45,429	50,308	52,280	46,239	42,354	32,697	36,093	489,855	484,786
	2018	44,075	32,995	34,531	35,991	41,893	47,595	49,070	53,065	51,680	45,172	36,081	36,474	508,622	502,040
	2019	38,768	32,274	34,951	38,078	48,329	49,297	50,610	51,385	48,356	45,137	33,554	34,433	505,171	509,775
	2020	36,226	33,793	39,466	37,734	43,126	48,871	52,723	52,461	47,927	41,983	34,296	37,113	505,719	505,451
Projected	2021	40,573	34,349	36,101	38,066	45,148	48,516	51,066	52,614	47,325	42,178	35,058	37,979	508,974	507,150
	2022	41,356	35,090	36,918	38,882	46,157	49,553	52,107	53,666	48,255	42,876	35,651	38,616	519,126	517,199
	2023	41,907	35,555	37,388	39,380	46,702	50,075	52,614	54,139	48,654	43,234	35,946	38,930	524,524	523,558
	2024	42,264	37,085	37,701	39,673	47,079	50,456	52,972	54,546	49,031	43,553	36,240	39,271	529,870	528,915
	2025	42,591	36,143	37,986	39,980	47,440	50,813	53,329	54,907	49,352	43,827	36,469	39,546	532,383	531,605
	2026	42,873	36,384	38,219	40,233	47,748	51,126	53,655	55,246	49,657	44,104	36,700	39,832	535,776	534,983
	2027	43,180	36,647	38,470	40,508	48,086	51,476	54,023	55,630	50,003	44,417	36,958	40,150	539,548	538,659
	2028	43,522	38,198	38,748	40,810	48,455	51,861	54,426	56,049	50,376	44,753	37,235	40,488	544,922	543,969
	2029	43,885	37,247	39,040	41,126	48,840	52,254	54,833	56,467	50,745	45,085	37,504	40,816	547,844	546,915
	2030	44,241	37,557	39,340	41,458	49,252	52,690	55,297	56,958	51,191	45,524	37,872	41,245	552,625	551,390
Projected	2031	44,702	37,945	39,723	41,863	49,737	53,199	55,828	57,503	51,675	45,955	38,223	41,649	558,001	556,815
	2032	45,136	39,617	40,084	42,247	50,197	53,679	56,326	58,014	52,129	46,360	38,556	42,032	564,375	563,254
	2033	45,556	38,675	40,452	42,648	50,690	54,208	56,892	58,609	52,670	46,853	38,968	42,511	568,731	567,347
	2034	46,069	39,103	40,871	43,088	51,210	54,746	57,443	59,166	53,158	47,283	39,316	42,905	574,357	573,185
	2035	46,496	39,473	41,246	43,496	51,710	55,280	58,010	59,761	53,699	47,769	39,720	43,379	580,039	578,675
	2036	47,010	41,267	41,674	43,952	52,259	55,858	58,615	60,385	54,254	48,262	40,122	43,843	587,501	586,142
	2037	47,509	40,327	42,081	44,382	52,773	56,393	59,170	60,951	54,753	48,704	40,479	44,258	591,782	590,568
	2038	47,961	40,713	42,461	44,792	53,273	56,924	59,731	61,536	55,279	49,178	40,869	44,717	597,435	596,113
	2039	48,459	41,133	42,868	45,226	53,797	57,475	60,309	62,132	55,809	49,652	41,254	45,167	603,279	601,970
	2040	48,947	42,960	43,267	45,651	54,310	58,014	60,872	62,713	56,324	50,114	41,629	45,605	610,405	609,130

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.3%	6.8%	7.0%	8.1%	9.2%	9.7%	10.1%	10.6%	9.4%	7.2%	6.5%	7.2%	100.0%
	2012	7.8%	6.9%	7.7%	8.0%	9.3%	8.7%	10.3%	9.9%	9.2%	8.1%	6.6%	7.5%	100.0%
	2013	7.7%	7.0%	7.4%	8.1%	8.8%	9.4%	9.5%	10.2%	9.5%	8.3%	6.8%	7.3%	100.0%
	2014	8.9%	6.6%	6.9%	7.7%	8.9%	9.1%	9.9%	10.3%	9.0%	7.9%	6.9%	7.8%	100.0%
	2015	7.8%	7.1%	7.6%	7.9%	9.0%	9.7%	9.5%	9.9%	8.9%	7.8%	7.4%	7.3%	100.0%
	2016	7.6%	6.8%	7.0%	7.3%	8.7%	10.0%	10.9%	10.5%	9.5%	8.0%	6.6%	7.0%	100.0%
	2017	7.2%	6.2%	7.2%	7.9%	9.2%	9.3%	10.3%	10.7%	9.4%	8.6%	6.7%	7.4%	100.0%
	2018	8.7%	6.5%	6.8%	7.1%	8.2%	9.4%	9.6%	10.4%	10.2%	8.9%	7.1%	7.2%	100.0%
	2019	7.7%	6.4%	6.9%	7.5%	9.6%	9.8%	10.0%	10.2%	9.6%	8.9%	6.6%	6.8%	100.0%
	2020	7.2%	6.7%	7.8%	7.5%	8.5%	9.7%	10.4%	10.4%	9.5%	8.3%	6.8%	7.3%	100.0%
Projected	2021	8.0%	6.7%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.3%	6.9%	7.5%	100.0%
	2022	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.3%	6.9%	7.4%	100.0%
	2023	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.9%	7.4%	100.0%
	2024	8.0%	7.0%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.8%	7.4%	100.0%
	2025	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.9%	7.4%	100.0%
	2026	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.8%	7.4%	100.0%
	2027	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.8%	7.4%	100.0%
	2028	8.0%	7.0%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.2%	8.2%	6.8%	7.4%	100.0%
	2029	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.8%	7.5%	100.0%
	2030	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.9%	7.5%	100.0%
Avg.	2011-2020	7.9%	6.7%	7.2%	7.7%	9.0%	9.5%	10.1%	10.3%	9.4%	8.2%	6.8%	7.3%	100.0%
	2021-2030	8.0%	6.8%	7.1%	7.5%	8.9%	9.5%	10.0%	10.3%	9.3%	8.2%	6.9%	7.4%	100.0%

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FMPA 2021 Load Forecast - Base Case
Leesburg
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	101.2	81.4	63.9	93.7	95.8	104.2	102.0	106.6	98.3	76.5	64.0	65.9	106.8	106.6
	2012	94.0	88.4	75.5	84.5	90.4	95.6	100.1	100.5	98.6	87.0	60.9	71.4	94.0	100.5
	2013	68.8	81.0	84.5	83.3	88.9	97.7	95.8	99.0	97.2	83.7	70.9	66.0	84.5	99.0
	2014	91.2	77.2	60.4	85.4	91.3	94.5	94.5	100.0	97.7	85.9	76.3	74.2	91.2	100.0
	2015	86.0	100.1	76.6	81.4	94.8	107.1	97.4	105.4	96.4	87.8	85.4	70.6	100.1	107.1
	2016	91.8	90.9	76.4	89.1	94.1	105.4	110.9	107.0	101.5	87.9	72.3	73.4	91.8	110.9
	2017	84.8	73.0	78.8	99.1	102.3	105.9	108.7	109.3	104.6	99.7	71.5	84.6	84.8	109.3
	2018	115.3	79.4	71.4	78.6	96.8	106.5	107.5	110.5	109.0	103.2	86.9	83.3	115.3	110.5
	2019	89.3	78.5	77.0	89.4	111.4	115.8	112.8	110.7	109.9	98.0	83.9	72.9	89.3	115.8
	2020	97.7	74.7	92.2	92.6	104.2	114.1	110.5	114.9	110.9	98.0	79.3	75.3	97.7	114.9
Projected	2021	101.5	92.1	85.1	91.3	102.9	110.6	107.9	112.8	106.6	96.4	81.0	76.9	101.5	112.8
	2022	103.7	94.1	86.9	93.2	105.1	112.9	110.1	115.1	108.8	98.4	82.2	78.0	103.7	115.1
	2023	105.3	95.5	88.2	94.1	106.1	113.9	111.1	116.1	109.8	99.3	82.9	78.7	105.3	116.1
	2024	106.1	96.3	89.0	94.8	106.9	114.8	111.9	117.0	110.6	100.1	83.6	79.4	106.1	117.0
	2025	107.1	97.2	89.8	95.5	107.7	115.5	112.7	117.8	111.4	100.8	84.3	80.0	107.1	117.8
	2026	107.9	97.9	90.4	96.1	108.4	116.3	113.4	118.5	112.0	101.5	84.9	80.6	107.9	118.5
	2027	108.8	98.7	91.2	96.9	109.2	117.1	114.1	119.4	112.8	102.2	85.6	81.3	108.8	119.4
	2028	109.6	99.4	91.9	97.7	110.1	117.9	115.0	120.3	113.6	103.0	86.4	82.1	109.6	120.3
	2029	110.7	100.4	92.8	98.4	111.0	118.8	115.8	121.2	114.5	103.9	87.2	82.8	110.7	121.2
	2030	111.7	101.3	93.6	99.3	112.1	119.8	116.8	122.2	115.5	104.9	88.2	83.7	111.7	122.2
Projected	2031	112.9	102.4	94.7	100.3	113.2	121.0	117.9	123.4	116.6	105.9	89.0	84.5	112.9	123.4
	2032	114.0	103.4	95.6	101.3	114.2	122.1	119.0	124.5	117.6	106.9	90.0	85.4	114.0	124.5
	2033	115.2	104.5	96.6	102.3	115.4	123.3	120.2	125.7	118.8	108.0	91.0	86.4	115.2	125.7
	2034	116.6	105.7	97.7	103.4	116.6	124.5	121.4	127.0	119.9	109.1	91.9	87.3	116.6	127.0
	2035	117.7	106.8	98.7	104.4	117.8	125.7	122.6	128.2	121.1	110.2	92.9	88.2	117.7	128.2
	2036	119.0	107.9	99.7	105.6	119.1	127.1	123.8	129.6	122.4	111.4	94.0	89.3	119.0	129.6
	2037	120.4	109.2	100.9	106.6	120.3	128.2	125.0	130.8	123.5	112.5	95.0	90.2	120.4	130.8
	2038	121.6	110.3	101.9	107.7	121.5	129.5	126.2	132.0	124.7	113.7	96.0	91.1	121.6	132.0
	2039	122.9	111.5	103.0	108.7	122.7	130.7	127.4	133.3	125.9	114.8	96.9	92.1	122.9	133.3
	2040	124.2	112.6	104.1	109.8	123.9	131.9	128.6	134.6	127.1	115.9	99.1	94.1	124.2	134.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	52.7%	59.7%	70.9%	57.4%	62.2%	62.2%	64.0%	64.2%	63.6%	60.7%	67.8%	70.4%	51.4%	53.5%
	2012	52.8%	53.1%	65.5%	62.4%	65.3%	59.9%	65.5%	62.6%	61.7%	59.6%	71.7%	67.3%	57.6%	53.3%
	2013	70.1%	60.1%	55.1%	62.9%	62.5%	62.6%	62.1%	64.7%	63.7%	62.0%	62.4%	69.7%	63.1%	54.0%
	2014	61.2%	59.5%	71.5%	58.7%	61.0%	62.7%	65.9%	64.9%	59.3%	57.8%	58.4%	65.7%	58.3%	53.2%
	2015	58.5%	51.2%	64.3%	64.7%	61.8%	60.5%	63.5%	60.9%	62.1%	57.9%	57.9%	67.0%	55.0%	51.0%
	2016	54.8%	52.7%	60.4%	56.0%	61.1%	64.3%	65.0%	64.4%	63.6%	60.2%	62.1%	63.0%	60.9%	50.7%
	2017	55.7%	61.6%	59.9%	54.4%	59.3%	59.6%	62.2%	64.3%	61.4%	57.1%	63.5%	57.3%	66.0%	50.6%
	2018	51.4%	61.8%	65.0%	63.6%	58.2%	62.1%	61.4%	64.5%	65.8%	58.8%	57.7%	58.8%	50.4%	51.9%
	2019	58.4%	61.2%	61.0%	59.2%	58.3%	59.1%	60.3%	62.4%	61.1%	61.9%	55.5%	63.5%	64.6%	50.3%
	2020	49.9%	65.0%	57.5%	56.6%	55.7%	59.5%	64.1%	61.4%	60.0%	57.6%	60.1%	66.3%	59.1%	50.2%
Projected	2021	53.7%	55.5%	57.0%	57.9%	59.0%	60.9%	63.6%	62.7%	61.7%	58.8%	60.1%	66.4%	57.2%	51.3%
	2022	53.6%	55.5%	57.1%	57.9%	59.1%	61.0%	63.6%	62.7%	61.6%	58.6%	60.2%	66.5%	57.1%	51.3%
	2023	53.5%	55.4%	57.0%	58.1%	59.2%	61.0%	63.7%	62.7%	61.5%	58.5%	60.2%	66.5%	56.9%	51.5%
	2024	53.5%	55.4%	57.0%	58.1%	59.2%	61.1%	63.6%	62.7%	61.6%	58.5%	60.2%	66.5%	57.0%	51.6%
	2025	53.4%	55.4%	56.9%	58.1%	59.2%	61.1%	63.6%	62.6%	61.6%	58.5%	60.1%	66.4%	56.7%	51.5%
	2026	53.4%	55.3%	56.8%	58.1%	59.2%	61.1%	63.6%	62.6%	61.6%	58.4%	60.0%	66.4%	56.7%	51.5%
	2027	53.4%	55.3%	56.7%	58.1%	59.2%	61.1%	63.6%	62.6%	61.6%	58.4%	60.0%	66.4%	56.6%	51.5%
	2028	53.4%	55.2%	56.7%	58.0%	59.1%	61.1%	63.6%	62.6%	61.6%	58.4%	59.8%	66.3%	56.7%	51.6%
	2029	53.3%	55.2%	56.5%	58.0%	59.1%	61.1%	63.6%	62.6%	61.6%	58.3%	59.7%	66.2%	56.5%	51.5%
	2030	53.2%	55.2%	56.5%	58.0%	59.1%	61.1%	63.6%	62.6%	61.6%	58.3%	59.7%	66.2%	56.5%	51.5%
Avg.	2011-2020	56.5%	58.6%	63.1%	59.6%	60.5%	61.2%	63.4%	63.4%	62.2%	59.4%	61.7%	64.9%	58.6%	51.9%
	2021-2030	53.4%	55.3%	56.8%	58.0%	59.1%	61.0%	63.6%	62.7%	61.6%	58.5%	60.0%	66.4%	56.8%	51.5%

FMPA 2021 Load Forecast - Base Case
Leesburg
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	100.9	81.4	56.5	86.9	95.8	100.3	97.2	100.0	94.6	76.5	59.4	61.6	105.3	100.0
	2012	90.6	88.4	68.0	78.5	83.8	81.4	89.7	98.0	98.5	86.4	56.2	71.1	90.6	89.7
	2013	65.9	79.5	80.8	81.8	84.1	81.6	89.3	90.5	87.6	79.0	64.0	58.2	80.8	90.5
	2014	89.4	77.2	50.5	85.4	84.9	91.1	87.8	95.8	96.5	85.9	72.9	72.3	89.4	95.8
	2015	86.0	100.1	72.5	81.4	94.6	105.6	96.9	101.1	93.9	87.1	84.7	70.6	100.1	105.6
	2016	90.3	90.9	76.4	89.1	91.6	99.7	110.9	105.7	97.2	87.0	72.3	67.0	84.7	110.9
	2017	84.8	73.0	78.8	99.1	102.3	105.0	106.7	108.4	101.2	99.7	71.5	84.6	78.8	108.4
	2018	115.3	79.4	70.5	77.2	92.5	100.5	104.7	109.0	108.7	103.0	85.8	83.3	115.3	109.0
	2019	89.3	78.5	77.0	89.4	111.4	115.8	110.4	109.4	109.9	95.7	83.6	60.7	85.8	115.8
	2020	97.7	73.4	92.2	84.8	104.2	112.0	108.4	110.8	109.5	96.7	77.6	72.5	92.2	112.0
Projected	2021	101.1	91.9	82.6	89.6	100.8	107.1	105.4	110.8	105.1	95.1	79.2	74.1	101.1	110.8
	2022	103.3	93.9	84.4	91.4	102.9	109.3	107.6	113.0	107.2	97.0	80.4	75.2	103.3	113.0
	2023	104.9	95.3	85.7	92.3	103.9	110.3	108.6	114.1	108.2	98.0	81.1	75.8	104.9	114.1
	2024	105.7	96.1	86.4	93.0	104.7	111.1	109.4	114.9	109.0	98.7	81.8	76.5	105.7	114.9
	2025	106.7	97.0	87.2	93.7	105.5	111.8	110.1	115.7	109.7	99.4	82.4	77.1	106.7	115.7
	2026	107.5	97.7	87.8	94.3	106.2	112.5	110.8	116.4	110.4	100.1	83.1	77.7	107.5	116.4
	2027	108.3	98.5	88.5	95.0	107.0	113.3	111.5	117.2	111.1	100.8	83.8	78.3	108.3	117.2
	2028	109.2	99.3	89.2	95.8	107.8	114.2	112.4	118.1	112.0	101.6	84.6	79.1	109.2	118.1
	2029	110.3	100.2	90.1	96.6	108.7	115.0	113.2	119.0	112.8	102.4	85.3	79.8	110.3	119.0
	2030	111.3	101.1	90.9	97.5	109.7	116.0	114.2	120.0	113.8	103.4	86.3	80.6	111.3	120.0
Projected	2031	112.5	102.2	91.9	98.4	110.8	117.1	115.3	121.2	114.8	104.5	87.1	81.4	112.5	121.2
	2032	113.6	103.2	92.8	99.3	111.9	118.1	116.3	122.2	115.9	105.4	88.0	82.3	113.6	122.2
	2033	114.8	104.3	93.8	100.4	113.1	119.3	117.5	123.5	117.0	106.5	89.0	83.2	114.8	123.5
	2034	116.1	105.5	94.9	101.4	114.2	120.5	118.6	124.7	118.2	107.6	89.9	84.0	116.1	124.7
	2035	117.3	106.6	95.8	102.4	115.4	121.7	119.8	125.9	119.3	108.7	90.9	85.0	117.3	125.9
	2036	118.5	107.7	96.8	103.5	116.6	122.9	121.0	127.2	120.6	109.9	92.0	86.0	118.5	127.2
	2037	119.9	109.0	98.0	104.6	117.8	124.1	122.1	128.4	121.7	111.0	92.9	86.8	119.9	128.4
	2038	121.1	110.1	99.0	105.6	119.0	125.3	123.3	129.7	122.8	112.1	93.9	87.8	121.1	129.7
	2039	122.5	111.3	100.1	106.7	120.2	126.5	124.5	130.9	124.0	113.2	94.9	88.7	122.5	130.9
	2040	123.7	112.4	101.1	107.7	121.4	127.6	125.6	132.1	125.2	114.3	96.9	90.6	123.7	132.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.7%	100.0%	88.4%	92.7%	100.0%	96.2%	95.2%	93.8%	96.3%	100.0%	92.8%	93.5%	98.6%	93.8%
	2012	96.3%	100.0%	90.1%	93.0%	92.8%	85.2%	89.5%	97.5%	99.9%	99.3%	92.2%	99.6%	96.3%	89.2%
	2013	95.7%	98.2%	95.6%	98.2%	94.6%	83.5%	93.1%	91.3%	90.1%	94.4%	90.3%	88.2%	95.6%	91.3%
	2014	97.9%	100.0%	83.5%	100.0%	93.0%	96.3%	92.9%	95.8%	98.8%	100.0%	95.5%	97.4%	97.9%	95.8%
	2015	100.0%	100.0%	94.6%	100.0%	99.8%	98.6%	99.4%	96.0%	97.3%	99.2%	99.2%	100.0%	100.0%	98.6%
	2016	98.3%	100.0%	100.0%	100.0%	97.3%	94.6%	100.0%	98.8%	95.8%	99.0%	100.0%	91.2%	92.2%	100.0%
	2017	100.0%	100.0%	100.0%	100.0%	100.0%	99.2%	98.2%	99.1%	96.8%	100.0%	100.0%	100.0%	93.0%	99.1%
	2018	100.0%	100.0%	98.7%	98.1%	95.6%	94.4%	97.4%	98.6%	99.7%	99.7%	98.8%	100.0%	100.0%	98.6%
	2019	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	97.9%	98.8%	100.0%	97.6%	99.6%	83.4%	96.1%	100.0%
	2020	100.0%	98.2%	100.0%	91.5%	100.0%	98.2%	98.1%	96.5%	98.7%	98.6%	97.8%	96.3%	94.4%	97.5%
Projected	2021	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2022	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2023	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2024	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2025	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2026	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2027	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2028	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2029	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2030	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%
	2011-2020	98.8%	99.6%	95.1%	97.4%	97.3%	94.6%	96.2%	96.6%	97.3%	98.8%	96.6%	95.0%	96.4%	96.4%
	2021-2030	99.6%	99.8%	97.1%	98.1%	97.9%	96.8%	97.7%	98.2%	98.5%	98.6%	97.8%	96.3%	99.6%	98.2%

FMPA 2021 Load Forecast - Base Case - Leesburg

Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2011-2040)

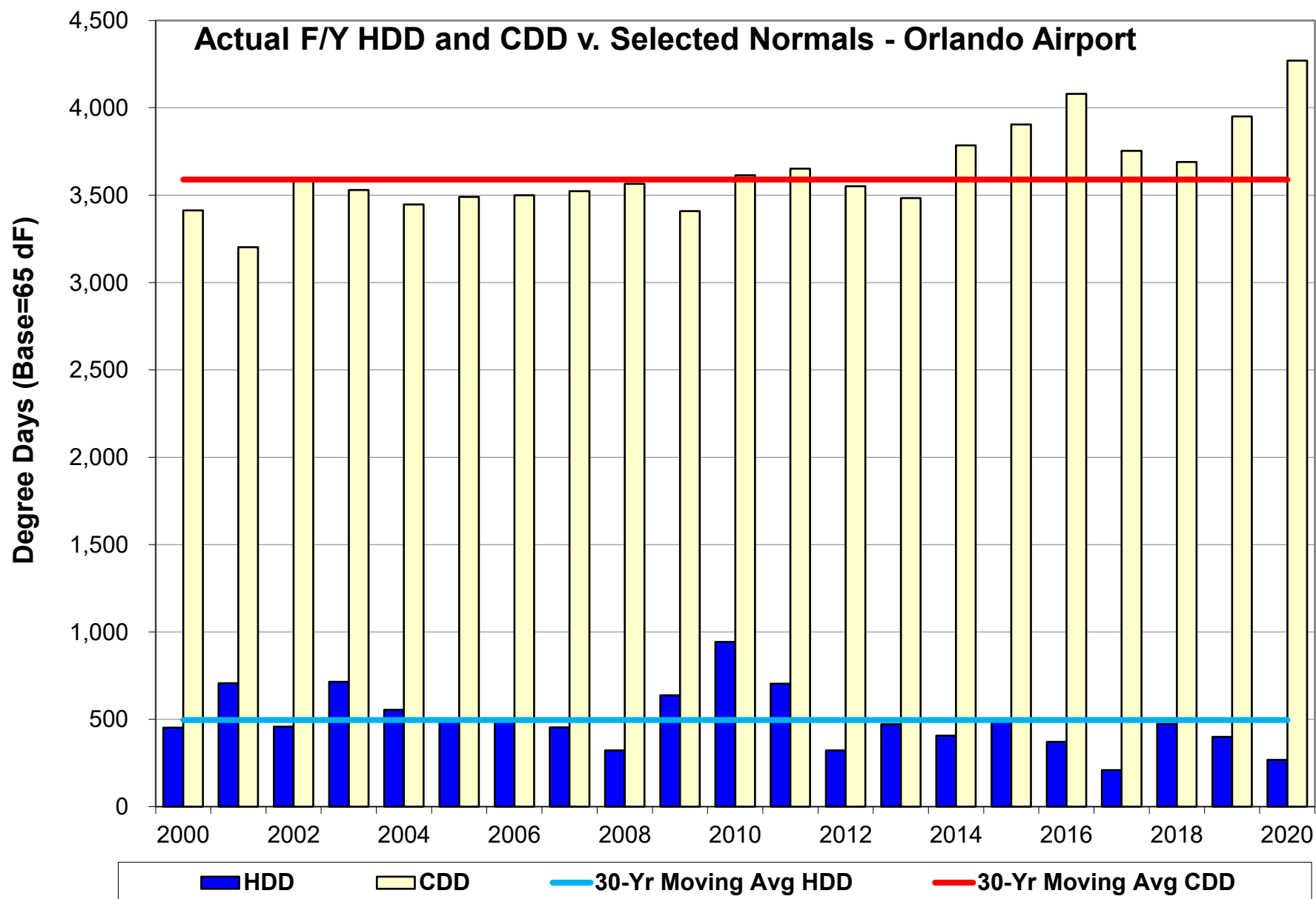
		Residential						General Service						City		Lights		TOTAL SALES		DISTR.		TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	Chg	LOSSES		(MWh)	Chg
																				(MWh)	(%)		
Historical	Fiscal Year	2118,688		17,795		12,289		239,294		3,011		79.5		15,695		7,623		481,300		18,270	3.7%	499,570	
	2012	197,704	-9.6%	17,739	-0.3%	11,145	-9.3%	230,966	-3.5%	2,974	-1.2%	77.7	-2.3%	15,239	-2.9%	7,260	-4.8%	451,169	-6.3%	17,984	3.8%	469,153	-6.1%
	2013	201,419	1.9%	17,967	1.3%	11,211	0.6%	231,802	0.4%	3,028	1.8%	76.5	-1.4%	14,931	-2.0%	7,423	2.2%	455,575	1.0%	13,071	2.8%	468,646	-0.1%
	2014	206,760	2.7%	18,534	3.2%	11,156	-0.5%	215,062	-7.2%	3,051	0.8%	70.5	-7.9%	15,439	3.4%	7,536	1.5%	444,797	-2.4%	20,967	4.5%	465,764	-0.6%
	2015	214,577	3.8%	18,791	1.4%	11,419	2.4%	220,826	2.7%	3,189	4.5%	69.2	-1.7%	15,352	-0.6%	7,610	1.0%	458,366	3.1%	20,500	4.3%	478,866	2.8%
	2016	225,911	5.3%	19,168	2.0%	11,786	3.2%	224,942	1.9%	3,518	10.3%	63.9	-7.7%	15,123	-1.5%	7,952	4.5%	473,928	3.4%	18,644	3.8%	492,572	2.9%
	2017	227,642	0.8%	20,278	5.8%	11,226	-4.7%	218,671	-2.8%	3,572	1.5%	61.2	-4.3%	15,256	0.9%	7,897	-0.7%	469,466	-0.9%	15,321	3.2%	484,786	-1.6%
	2018	241,724	6.2%	21,453	5.8%	11,268	0.4%	216,301	-1.1%	3,302	-7.6%	65.5	7.0%	16,007	4.9%	7,946	0.6%	481,977	2.7%	20,063	4.0%	502,040	3.6%
	2019	257,523	6.5%	21,434	-0.1%	12,015	6.6%	221,852	2.6%	3,284	-0.5%	67.5	3.1%	14,853	-7.2%	7,707	-3.0%	501,936	4.1%	7,839	1.5%	509,775	1.5%
	2020	262,000	1.7%	21,627	0.9%	12,115	0.8%	208,760	-5.9%	3,299	0.4%	63.3	-6.3%	12,843	-13.5%	7,563	-1.9%	491,167	-2.1%	14,284	2.8%	505,451	-0.8%
Projected	2021	259,263	-1.0%	21,947	1.5%	11,813	-2.5%	212,548	1.8%	3,376	2.3%	63.0	-0.5%	13,689	6.6%	7,563	0.0%	493,062	0.4%	15,181	3.0%	508,243	0.6%
	2022	261,051	0.7%	22,204	1.2%	11,757	-0.5%	220,278	3.6%	3,430	1.6%	64.2	2.0%	13,775	0.6%	7,563	0.0%	502,666	1.9%	15,972	3.1%	518,638	2.0%
	2023	262,094	0.4%	22,395	0.9%	11,703	-0.5%	225,628	2.4%	3,463	1.0%	65.2	1.4%	13,906	1.0%	7,563	0.0%	509,192	1.3%	16,154	3.1%	525,346	1.3%
	2024	261,865	-0.1%	22,579	0.8%	11,598	-0.9%	230,126	2.0%	3,493	0.9%	65.9	1.1%	14,042	1.0%	7,563	0.0%	513,596	0.9%	17,512	3.3%	531,108	1.1%
	2025	262,237	0.1%	22,757	0.8%	11,523	-0.6%	233,844	1.6%	3,523	0.8%	66.4	0.8%	14,178	1.0%	7,563	0.0%	517,822	0.8%	16,421	3.1%	534,243	0.6%
	2026	263,205	0.4%	22,926	0.7%	11,481	-0.4%	236,640	1.2%	3,552	0.8%	66.6	0.4%	14,311	0.9%	7,563	0.0%	521,720	0.8%	16,545	3.1%	538,265	0.8%
	2027	264,780	0.6%	23,084	0.7%	11,470	-0.1%	239,180	1.1%	3,580	0.8%	66.8	0.3%	14,442	0.9%	7,563	0.0%	525,966	0.8%	16,684	3.1%	542,649	0.8%
	2028	266,635	0.7%	23,238	0.7%	11,474	0.0%	241,851	1.1%	3,609	0.8%	67.0	0.3%	14,573	0.9%	7,563	0.0%	530,622	0.9%	18,100	3.3%	548,722	1.1%
	2029	268,473	0.7%	23,388	0.6%	11,479	0.0%	244,730	1.2%	3,637	0.8%	67.3	0.4%	14,703	0.9%	7,563	0.0%	535,469	0.9%	16,990	3.1%	552,459	0.7%
	2030	270,528	0.8%	23,534	0.6%	11,495	0.1%	247,688	1.2%	3,665	0.8%	67.6	0.4%	14,834	0.9%	7,563	0.0%	540,613	1.0%	17,158	3.1%	557,771	1.0%
	2031	273,249	1.0%	23,673	0.6%	11,543	0.4%	250,609	1.2%	3,693	0.8%	67.9	0.4%	14,962	0.9%	7,563	0.0%	546,383	1.1%	17,341	3.1%	563,725	1.1%
	2032	275,700	0.9%	23,801	0.5%	11,584	0.4%	253,540	1.2%	3,720	0.7%	68.2	0.4%	15,086	0.8%	7,563	0.0%	551,890	1.0%	18,831	3.3%	570,721	1.2%
	2033	278,274	0.9%	23,925	0.5%	11,631	0.4%	256,610	1.2%	3,746	0.7%	68.5	0.5%	15,211	0.8%	7,563	0.0%	557,657	1.0%	17,703	3.1%	575,360	0.8%
	2034	281,143	1.0%	24,048	0.5%	11,691	0.5%	259,824	1.3%	3,773	0.7%	68.9	0.5%	15,335	0.8%	7,563	0.0%	563,864	1.1%	17,898	3.1%	581,762	1.1%
	2035	283,601	0.9%	24,168	0.5%	11,734	0.4%	263,104	1.3%	3,800	0.7%	69.2	0.5%	15,460	0.8%	7,563	0.0%	569,728	1.0%	18,087	3.1%	587,815	1.0%
	2036	286,750	1.1%	24,285	0.5%	11,808	0.6%	266,373	1.2%	3,827	0.7%	69.6	0.5%	15,583	0.8%	7,563	0.0%	576,270	1.1%	19,670	3.3%	595,940	1.4%
	2037	289,710	1.0%	24,396	0.5%	11,875	0.6%	269,561	1.2%	3,853	0.7%	70.0	0.5%	15,705	0.8%	7,563	0.0%	582,539	1.1%	18,492	3.1%	601,031	0.9%
	2038	292,505	1.0%	24,506	0.4%	11,936	0.5%	272,705	1.2%	3,879	0.7%	70.3	0.5%	15,826	0.8%	7,563	0.0%	588,599	1.0%	18,686	3.1%	607,285	1.0%
	2039	295,672	1.1%	24,615	0.4%	12,012	0.6%	275,806	1.1%	3,905	0.7%	70.6	0.5%	15,948	0.8%	7,563	0.0%	594,989	1.1%	18,889	3.1%	613,877	1.1%
	2040	298,733	1.0%	24,725	0.4%	12,082	0.6%	278,904	1.1%	3,931	0.7%	70.9	0.5%	16,070	0.8%	7,563	0.0%	601,270	1.1%	20,520	3.3%	621,790	1.3%
CAGR	2011-2020		2.0%		2.2%		-0.2%		-1.5%		1.0%		-2.5%		-2.2%		-0.1%		0.2%		3.4%		0.1%
	2021-2030		0.5%		0.8%		-0.3%		1.7%		0.9%		0.8%		0.9%		0.0%		1.0%		3.1%		1.0%
	2031-2040		1.0%		0.5%		0.5%		1.2%		0.7%		0.5%		0.8%		0.0%		1.1%		3.1%		1.1%

CAGR - Compound Average Growth Rate.

Add'l Villages

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Leesburg (Lake County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)							
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg						
2000	212.3	-	89.4	-	86.3	-	4.63	-	4,793	-	7,081	-	79,204	-						
2001	222.3	4.7%	94.7	5.9%	89.9	4.2%	4.68	1.1%	5,156	7.6%	7,466	5.4%	78,849	-0.4%						
2002	231.5	4.1%	97.7	3.2%	92.9	3.3%	4.26	-8.9%	5,542	7.5%	7,676	2.8%	78,562	-0.4%						
2003	241.5	4.3%	102.0	4.3%	97.9	5.4%	4.20	-1.6%	5,935	7.1%	8,255	7.5%	80,965	3.1%						
2004	254.6	5.4%	106.4	4.4%	105.6	7.9%	4.53	8.0%	6,515	9.8%	8,775	6.3%	82,441	1.8%						
2005	267.6	5.1%	111.5	4.8%	112.1	6.1%	4.96	9.5%	7,078	8.6%	9,347	6.5%	83,835	1.7%						
2006	281.3	5.1%	116.8	4.7%	119.3	6.4%	4.90	-1.1%	7,753	9.5%	10,000	7.0%	85,644	2.2%						
2007	289.9	3.0%	120.4	3.1%	122.3	2.5%	4.66	-5.0%	7,939	2.4%	10,488	4.9%	87,082	1.7%						
2008	293.7	1.3%	121.1	0.6%	119.2	-2.6%	4.30	-7.8%	7,318	-7.8%	10,417	-0.7%	86,007	-1.2%						
2009	295.5	0.6%	120.7	-0.3%	114.6	-3.8%	3.60	-16.1%	6,928	-5.3%	9,951	-4.5%	82,442	-4.1%						
2010	297.7	0.7%	121.6	0.8%	113.2	-1.2%	3.38	-6.2%	6,786	-2.1%	10,052	1.0%	82,642	0.2%						
2011	300.5	0.9%	124.5	2.4%	116.4	2.8%	3.80	12.4%	6,645	-2.1%	10,149	1.0%	81,492	-1.4%						
2012	303.7	1.1%	126.3	1.4%	119.1	2.3%	4.03	6.0%	6,847	3.0%	10,402	2.5%	82,361	1.1%						
2013	308.0	1.4%	128.1	1.4%	121.4	2.0%	3.80	-5.7%	7,017	2.5%	10,546	1.4%	82,305	-0.1%						
2014	315.4	2.4%	131.0	2.2%	126.5	4.2%	3.94	3.7%	7,170	2.2%	11,197	6.2%	85,502	3.9%						
2015	325.1	3.1%	134.6	2.8%	132.1	4.4%	4.13	4.7%	7,709	7.5%	11,931	6.5%	88,617	3.6%						
2016	334.7	3.0%	138.2	2.6%	135.9	2.9%	3.99	-3.4%	8,023	4.1%	12,666	6.2%	91,658	3.4%						
2017	345.1	3.1%	140.2	1.4%	143.3	5.5%	4.14	3.9%	8,246	2.8%	13,231	4.5%	94,378	3.0%						
2018	356.5	3.3%	143.1	2.1%	147.9	3.2%	4.34	4.8%	8,613	4.4%	13,908	5.1%	97,211	3.0%						
2019	362.6	1.7%	146.7	2.5%	151.4	2.4%	4.37	0.6%	8,885	3.2%	14,413	3.6%	98,237	1.1%						
2020	370.4	2.2%	150.8	2.8%	155.5	2.7%	4.36	-0.1%	9,205	3.6%	14,981	3.9%	99,327	1.1%						
2021	378.1	2.1%	154.8	2.7%	159.7	2.7%	4.37	0.2%	9,534	3.6%	15,562	3.9%	100,508	1.2%						
2022	385.8	2.0%	158.7	2.5%	163.8	2.6%	4.36	-0.2%	9,864	3.5%	16,155	3.8%	101,797	1.3%						
2023	393.5	2.0%	162.4	2.4%	167.9	2.5%	4.37	0.1%	10,198	3.4%	16,760	3.7%	103,177	1.4%						
2024	401.3	2.0%	166.1	2.2%	172.0	2.4%	4.37	0.1%	10,536	3.3%	17,378	3.7%	104,632	1.4%						
2025	409.2	2.0%	169.7	2.2%	176.0	2.4%	4.37	0.0%	10,879	3.3%	18,010	3.6%	106,155	1.5%						
2026	416.6	1.8%	173.0	2.0%	179.9	2.2%	4.37	0.0%	11,215	3.1%	18,636	3.5%	107,737	1.5%						
2027	424.1	1.8%	176.3	1.9%	183.8	2.2%	4.36	-0.1%	11,556	3.0%	19,278	3.4%	109,369	1.5%						
2028	431.6	1.8%	179.5	1.8%	187.6	2.1%	4.36	0.0%	11,902	3.0%	19,934	3.4%	111,053	1.5%						
2029	439.2	1.8%	182.7	1.8%	191.5	2.1%	4.36	0.0%	12,253	3.0%	20,607	3.4%	112,798	1.6%						
2030	446.9	1.7%	185.8	1.7%	195.3	2.0%	4.36	-0.1%	12,610	2.9%	21,297	3.3%	114,603	1.6%						
2031	453.9	1.6%	188.6	1.5%	198.9	1.8%	4.36	-0.1%	12,953	2.7%	21,969	3.2%	116,457	1.6%						
2032	461.0	1.6%	191.4	1.5%	202.5	1.8%	4.35	-0.1%	13,300	2.7%	22,657	3.1%	118,363	1.6%						
2033	468.2	1.6%	194.2	1.4%	206.0	1.8%	4.35	-0.1%	13,652	2.6%	23,361	3.1%	120,316	1.6%						
2034	475.4	1.5%	196.9	1.4%	209.6	1.7%	4.35	-0.1%	14,008	2.6%	24,083	3.1%	122,306	1.7%						
2035	482.7	1.5%	199.6	1.4%	213.2	1.7%	4.34	-0.1%	14,370	2.6%	24,823	3.1%	124,337	1.7%						
2036	489.6	1.4%	202.2	1.3%	216.5	1.6%	4.34	-0.1%	14,722	2.5%	25,556	3.0%	126,402	1.7%						
2037	496.6	1.4%	204.7	1.3%	219.9	1.6%	4.33	-0.1%	15,079	2.4%	26,307	2.9%	128,497	1.7%						
2038	503.6	1.4%	207.3	1.2%	223.3	1.5%	4.33	-0.1%	15,440	2.4%	27,076	2.9%	130,622	1.7%						
2039	510.7	1.4%	209.9	1.2%	226.6	1.5%	4.32	-0.1%	15,805	2.4%	27,862	2.9%	132,768	1.6%						
2040	517.8	1.4%	212.5	1.2%	230.0	1.5%	4.32	-0.1%	16,175	2.3%	28,667	2.9%	134,920	1.6%						
Average Percent Change																				
2010-2020		2.2%			2.2%			3.2%			2.6%			3.1%			4.1%			1.9%
2021-2030		1.9%			2.0%			2.3%			0.0%			3.2%			3.5%			1.5%
2031-2040		1.5%			1.3%			1.6%			-0.1%			2.5%			3.0%			1.6%



FMPA 2021 Load Forecast - Base Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	33,524	-	32,084	-	-4.3%	8.1	-	8.2	-	1.1%	7.2	-	6.1	-	-14.3%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-3.3%	8.2	0.1%	4.7%	6.3	-12.3%	6.9	12.1%	9.6%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	7.3	-10.2%	-0.9%	7.3	16.3%	7.5	8.4%	2.1%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.6	2.6%	8.3	13.2%	9.4%	7.8	7.3%	8.0	7.5%	2.3%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.7	14.2%	7.9	-4.5%	-8.5%	7.8	-0.2%	8.2	2.3%	4.9%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	6.3	-27.3%	8.3	4.2%	31.2%	8.4	7.7%	8.3	1.6%	-1.1%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	5.5	-12.0%	7.9	-4.2%	42.9%	8.2	-2.4%	8.6	2.5%	3.9%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.0	79.9%	9.5	19.7%	-4.9%	7.9	-3.9%	7.7	-10.1%	-2.9%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	6.2	-38.0%	10.4	9.9%	68.5%	9.1	14.5%	9.1	18.6%	0.6%
	2020	40,937	0.9%	42,580	8.2%	4.0%	7.2	15.7%	10.2	-2.3%	42.2%	8.6	-5.2%	10.0	9.4%	16.1%
Projected	2021	43,291	5.7%	43,291	1.7%		10.3	44.4%	10.3	1.5%		9.4	9.9%	9.4	-5.4%	
	2022			44,008	1.7%				10.5	2.1%				9.6	1.4%	
	2023			44,735	1.7%				10.7	1.9%				9.7	1.4%	
	2024			45,444	1.6%				10.9	1.3%				9.8	1.3%	
	2025			45,955	1.1%				11.0	1.3%				10.0	1.5%	
	2026			46,663	1.5%				11.2	1.5%				10.1	1.6%	
	2027			47,403	1.6%				11.4	1.6%				10.3	1.6%	
	2028			48,247	1.8%				11.5	1.6%				10.4	1.5%	
	2029			48,821	1.2%				11.7	1.4%				10.6	1.5%	
	2030			49,561	1.5%				11.9	1.5%				10.8	1.6%	
	2031			50,344	1.6%				12.1	1.6%				10.9	1.6%	
	2032			51,247	1.8%				12.3	1.6%				11.1	1.5%	
	2033			51,846	1.2%				12.4	1.4%				11.3	1.4%	
	2034			52,574	1.4%				12.6	1.4%				11.4	1.4%	
	2035			53,299	1.4%				12.8	1.4%				11.6	1.4%	
	2036			54,134	1.6%				13.0	1.4%				11.7	1.2%	
	2037			54,617	0.9%				13.1	1.1%				11.9	1.2%	
	2038			55,265	1.2%				13.3	1.2%				12.0	1.2%	
	2039			55,955	1.2%				13.4	1.2%				12.1	1.2%	
	2040			56,807	1.5%				13.6	1.3%				12.3	1.2%	
CAGR ^[3]	2011-2020		2.2%		3.2%			-1.3%		2.5%			2.0%		5.5%	
	2021-2030				1.5%					1.6%					1.5%	
	2031-2040				1.4%					1.3%					1.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Newberry

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	33,524	-	33,524	-	8.7	7.5	8.7	7.5	8.1	7.2	8.1	7.2
	2012	31,688	-5.5%	31,688	-5.5%	7.8	7.5	7.8	7.5	7.8	6.3	7.8	6.3
	2013	32,137	1.4%	32,137	1.4%	7.4	7.5	7.4	7.5	7.4	7.3	7.4	7.3
	2014	34,298	6.7%	34,298	6.7%	7.7	7.8	7.7	7.8	7.6	7.8	7.6	7.8
	2015	36,047	5.1%	36,047	5.1%	8.8	8.5	8.8	8.5	8.7	7.8	8.7	7.8
	2016	36,935	2.5%	36,935	2.5%	8.6	8.5	8.6	8.5	6.3	8.4	6.3	8.4
	2017	35,911	-2.8%	35,911	-2.8%	7.8	8.3	7.8	8.3	5.5	8.2	5.5	8.2
	2018	38,376	6.9%	38,376	6.9%	10.2	8.6	10.2	8.6	10.0	7.9	10.0	7.9
	2019	40,582	5.8%	40,582	5.8%	9.0	9.3	9.0	9.3	6.2	9.1	6.2	9.1
	2020	40,937	0.9%	40,326	-0.6%	8.7	9.7	9.8	9.1	7.2	8.6	9.5	8.8
Projected	2021	43,291	5.7%	40,882	1.4%	10.7	9.8	10.0	9.2	10.3	9.4	9.7	8.9
	2022	44,008	1.7%	41,558	1.7%	10.9	9.9	10.2	9.4	10.5	9.6	9.8	9.0
	2023	44,735	1.7%	42,205	1.6%	11.1	10.1	10.3	9.5	10.7	9.7	10.0	9.2
	2024	45,444	1.6%	42,929	1.7%	11.2	10.2	10.5	9.6	10.9	9.8	10.1	9.3
	2025	45,955	1.1%	43,440	1.2%	11.4	10.4	10.6	9.8	11.0	10.0	10.3	9.4
	2026	46,663	1.5%	44,056	1.4%	11.6	10.5	10.8	9.9	11.2	10.1	10.4	9.6
	2027	47,403	1.6%	44,656	1.4%	11.7	10.7	10.9	10.0	11.4	10.3	10.6	9.7
	2028	48,247	1.8%	45,299	1.4%	11.9	10.8	11.1	10.2	11.5	10.4	10.7	9.8
	2029	48,821	1.2%	45,679	0.8%	12.1	11.0	11.2	10.3	11.7	10.6	10.8	9.9
	2030	49,561	1.5%	46,186	1.1%	12.3	11.2	11.3	10.4	11.9	10.8	10.9	10.0
	2031	50,344	1.6%	46,731	1.2%	12.5	11.3	11.4	10.5	12.1	10.9	11.1	10.1
	2032	51,247	1.8%	47,365	1.4%	12.7	11.5	11.6	10.6	12.3	11.1	11.2	10.2
	2033	51,846	1.2%	47,737	0.8%	12.8	11.7	11.7	10.7	12.4	11.3	11.3	10.3
	2034	52,574	1.4%	48,199	1.0%	13.0	11.8	11.8	10.8	12.6	11.4	11.4	10.4
	2035	53,299	1.4%	48,648	0.9%	13.2	12.0	11.9	10.9	12.8	11.6	11.5	10.5
	2036	54,134	1.6%	49,185	1.1%	13.4	12.2	12.0	11.0	13.0	11.7	11.6	10.6
	2037	54,617	0.9%	49,438	0.5%	13.5	12.3	12.1	11.1	13.1	11.9	11.7	10.7
	2038	55,265	1.2%	49,825	0.8%	13.7	12.4	12.2	11.2	13.3	12.0	11.8	10.8
	2039	55,955	1.2%	50,239	0.8%	13.9	12.6	12.3	11.3	13.4	12.1	11.9	10.9
	2040	56,807	1.5%			14.0	12.8			13.6	12.3		
CAGR ^[1]	Historical		2.2%		2.4%	0.0%	2.9%	0.4%	2.8%	-1.1%	4.0%	-3.3%	5.4%
	1st 10 Prj Yrs		1.5%		1.4%	1.6%	1.5%	1.5%	1.4%	1.6%	1.5%	1.5%	1.4%
	2nd 10 Prj Yrs		1.4%		0.9%	1.3%	1.3%	0.9%	0.9%	1.3%	1.3%	0.9%	0.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Newberry

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	33,524	-	32,084	-	-4.3%	8.1	-	8.2	-	1.1%	7.2	-	6.1	-	-14.3%
	2012	31,688	-5.5%	32,251	0.5%	1.8%	7.8	-3.3%	8.2	0.1%	4.7%	6.3	-12.3%	6.9	12.1%	9.6%
	2013	32,137	1.4%	32,416	0.5%	0.9%	7.4	-5.2%	7.3	-10.2%	-0.9%	7.3	16.3%	7.5	8.4%	2.1%
	2014	34,298	6.7%	34,547	6.6%	0.7%	7.6	2.6%	8.3	13.2%	9.4%	7.8	7.3%	8.0	7.5%	2.3%
	2015	36,047	5.1%	35,368	2.4%	-1.9%	8.7	14.2%	7.9	-4.5%	-8.5%	7.8	-0.2%	8.2	2.3%	4.9%
	2016	36,935	2.5%	36,234	2.4%	-1.9%	6.3	-27.3%	8.3	4.2%	31.2%	8.4	7.7%	8.3	1.6%	-1.1%
	2017	35,911	-2.8%	36,605	1.0%	1.9%	5.5	-12.0%	7.9	-4.2%	42.9%	8.2	-2.4%	8.6	2.5%	3.9%
	2018	38,376	6.9%	37,031	1.2%	-3.5%	10.0	79.9%	9.5	19.7%	-4.9%	7.9	-3.9%	7.7	-10.1%	-2.9%
	2019	40,582	5.8%	39,348	6.3%	-3.0%	6.2	-38.0%	10.4	9.9%	68.5%	9.1	14.5%	9.1	18.6%	0.6%
	2020	40,937	0.9%	41,323	5.0%	0.9%	7.2	15.7%	10.2	-2.3%	42.2%	8.6	-5.2%	10.0	9.4%	16.1%
Projected	2021	43,204	5.5%	43,204	4.6%		10.3	44.4%	10.3	1.5%		9.4	9.6%	9.4	-5.6%	
	2022			43,877	1.6%				10.5	2.1%				9.5	1.3%	
	2023			44,561	1.6%				10.7	1.9%				9.7	1.3%	
	2024			45,221	1.5%				10.9	1.3%				9.8	1.2%	
	2025			45,680	1.0%				11.0	1.3%				9.9	1.3%	
	2026			46,320	1.4%				11.2	1.5%				10.1	1.4%	
	2027			46,988	1.4%				11.4	1.6%				10.2	1.4%	
	2028			47,755	1.6%				11.5	1.6%				10.3	1.3%	
	2029			48,249	1.0%				11.7	1.4%				10.5	1.3%	
	2030			48,905	1.4%				11.9	1.5%				10.6	1.4%	
	2031			49,631	1.5%				12.1	1.6%				10.8	1.5%	
	2032			50,473	1.7%				12.3	1.6%				10.9	1.4%	
	2033			51,013	1.1%				12.4	1.4%				11.1	1.3%	
	2034			51,689	1.3%				12.6	1.4%				11.2	1.3%	
	2035			52,353	1.3%				12.8	1.4%				11.3	1.3%	
	2036			53,120	1.5%				13.0	1.4%				11.5	1.1%	
	2037			53,547	0.8%				13.1	1.1%				11.6	1.1%	
	2038			54,122	1.1%				13.3	1.2%				11.7	1.1%	
	2039			54,765	1.2%				13.4	1.2%				11.9	1.2%	
	2040			55,553	1.4%				13.6	1.3%				12.0	1.1%	
CAGR ^[3]	2011-2020		2.2%		2.9%			-1.3%		2.5%			2.0%		5.5%	
	2021-2030				1.4%					1.6%					1.3%	
	2031-2040				1.3%					1.3%					1.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Newberry
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	2,960	2,245	2,176	2,413	2,857	3,181	3,271	3,504	2,955	2,340	2,175	2,329	32,406	33,524
	2012	2,569	2,171	2,332	2,332	2,953	2,962	3,353	3,189	2,984	2,572	2,265	2,493	32,174	31,688
	2013	2,407	2,262	2,495	2,376	2,679	3,081	3,095	3,356	3,058	2,657	2,320	2,522	32,307	32,137
	2014	3,221	2,382	2,417	2,405	2,886	3,194	3,481	3,610	3,202	2,712	2,623	2,707	34,842	34,298
	2015	2,928	2,754	2,516	2,685	3,204	3,500	3,625	3,597	3,195	2,744	2,572	2,588	35,908	36,047
	2016	3,070	2,706	2,562	2,634	3,207	3,677	3,920	3,836	3,417	2,864	2,449	2,612	36,956	36,935
	2017	2,723	2,286	2,601	2,795	3,315	3,300	3,702	3,873	3,389	3,134	2,479	2,932	36,530	35,911
	2018	3,771	2,480	2,619	2,585	3,231	3,677	3,731	3,850	3,888	3,392	2,833	3,130	39,187	38,376
	2019	3,360	2,543	2,764	2,831	3,820	3,826	3,969	4,151	3,963	3,447	2,746	2,933	40,354	40,582
	2020	3,142	2,826	3,147	3,007	3,422	3,858	4,206	4,302	3,900	3,477	2,904	3,429	41,620	40,937
Projected	2021	3,681	3,240	3,076	3,091	3,657	4,069	4,250	4,316	4,013	3,550	2,915	3,500	43,358	43,204
	2022	3,752	3,314	3,096	3,140	3,745	4,078	4,325	4,416	4,046	3,619	2,959	3,566	44,056	43,877
	2023	3,819	3,376	3,141	3,188	3,805	4,128	4,386	4,480	4,094	3,666	2,994	3,610	44,688	44,561
	2024	3,866	3,542	3,175	3,229	3,851	4,173	4,441	4,535	4,140	3,713	3,031	3,655	45,351	45,221
	2025	3,915	3,461	3,215	3,271	3,901	4,228	4,499	4,595	4,195	3,763	3,071	3,707	45,821	45,680
	2026	3,970	3,511	3,258	3,316	3,956	4,288	4,563	4,661	4,256	3,818	3,115	3,764	46,476	46,320
	2027	4,031	3,564	3,304	3,363	4,013	4,348	4,627	4,726	4,314	3,870	3,157	3,818	47,135	46,988
	2028	4,088	3,749	3,348	3,408	4,066	4,405	4,688	4,788	4,370	3,921	3,197	3,870	47,899	47,755
	2029	4,145	3,665	3,391	3,452	4,120	4,463	4,749	4,851	4,427	3,972	3,238	3,923	48,394	48,249
	2030	4,202	3,717	3,435	3,498	4,176	4,523	4,814	4,918	4,489	4,031	3,285	3,984	49,073	48,905
Projected	2031	4,267	3,774	3,485	3,549	4,238	4,589	4,884	4,990	4,553	4,089	3,331	4,043	49,793	49,631
	2032	4,330	3,971	3,534	3,599	4,297	4,653	4,952	5,059	4,616	4,145	3,377	4,100	50,632	50,473
	2033	4,391	3,884	3,581	3,647	4,355	4,715	5,017	5,126	4,676	4,200	3,421	4,156	51,168	51,013
	2034	4,451	3,936	3,627	3,695	4,412	4,777	5,083	5,193	4,737	4,255	3,465	4,212	51,844	51,689
	2035	4,510	3,989	3,673	3,742	4,468	4,837	5,146	5,258	4,796	4,308	3,507	4,265	52,501	52,353
	2036	4,567	4,188	3,716	3,786	4,520	4,893	5,204	5,316	4,849	4,356	3,546	4,313	53,255	53,120
	2037	4,618	4,084	3,756	3,827	4,569	4,945	5,259	5,373	4,900	4,402	3,582	4,360	53,676	53,547
	2038	4,668	4,130	3,795	3,868	4,618	4,999	5,316	5,432	4,954	4,454	3,624	4,413	54,269	54,122
	2039	4,724	4,180	3,840	3,914	4,672	5,058	5,378	5,496	5,012	4,505	3,666	4,466	54,911	54,765
	2040	4,780	4,386	3,884	3,959	4,726	5,116	5,439	5,558	5,069	4,557	3,707	4,518	55,699	55,553

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	9.1%	6.9%	6.7%	7.4%	8.8%	9.8%	10.1%	10.8%	9.1%	7.2%	6.7%	7.2%	100.0%
	2012	8.0%	6.7%	7.2%	7.2%	9.2%	9.2%	10.4%	9.9%	9.3%	8.0%	7.0%	7.7%	100.0%
	2013	7.5%	7.0%	7.7%	7.4%	8.3%	9.5%	9.6%	10.4%	9.5%	8.2%	7.2%	7.8%	100.0%
	2014	9.2%	6.8%	6.9%	6.9%	8.3%	9.2%	10.0%	10.4%	9.2%	7.8%	7.5%	7.8%	100.0%
	2015	8.2%	7.7%	7.0%	7.5%	8.9%	9.7%	10.1%	10.0%	8.9%	7.6%	7.2%	7.2%	100.0%
	2016	8.3%	7.3%	6.9%	7.1%	8.7%	10.0%	10.6%	10.4%	9.2%	7.7%	6.6%	7.1%	100.0%
	2017	7.5%	6.3%	7.1%	7.7%	9.1%	9.0%	10.1%	10.6%	9.3%	8.6%	6.8%	8.0%	100.0%
	2018	9.6%	6.3%	6.7%	6.6%	8.2%	9.4%	9.5%	9.8%	9.9%	8.7%	7.2%	8.0%	100.0%
	2019	8.3%	6.3%	6.8%	7.0%	9.5%	9.5%	9.8%	10.3%	9.8%	8.5%	6.8%	7.3%	100.0%
	2020	7.5%	6.8%	7.6%	7.2%	8.2%	9.3%	10.1%	10.3%	9.4%	8.4%	7.0%	8.2%	100.0%
Projected	2021	8.5%	7.5%	7.1%	7.1%	8.4%	9.4%	9.8%	10.0%	9.3%	8.2%	6.7%	8.1%	100.0%
	2022	8.5%	7.5%	7.0%	7.1%	8.5%	9.3%	9.8%	10.0%	9.2%	8.2%	6.7%	8.1%	100.0%
	2023	8.5%	7.6%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.2%	8.2%	6.7%	8.1%	100.0%
	2024	8.5%	7.8%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.1%	8.2%	6.7%	8.1%	100.0%
	2025	8.5%	7.6%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.2%	8.2%	6.7%	8.1%	100.0%
	2026	8.5%	7.6%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.2%	8.2%	6.7%	8.1%	100.0%
	2027	8.6%	7.6%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.2%	8.2%	6.7%	8.1%	100.0%
	2028	8.5%	7.8%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.1%	8.2%	6.7%	8.1%	100.0%
	2029	8.6%	7.6%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.1%	8.2%	6.7%	8.1%	100.0%
	2030	8.6%	7.6%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.1%	8.2%	6.7%	8.1%	100.0%
Avg.	2011-2020	8.3%	6.8%	7.1%	7.2%	8.7%	9.5%	10.0%	10.3%	9.4%	8.1%	7.0%	7.6%	100.0%
	2021-2030	8.5%	7.6%	7.0%	7.1%	8.5%	9.2%	9.8%	10.0%	9.2%	8.2%	6.7%	8.1%	100.0%

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FMPA 2021 Load Forecast - Base Case
Newberry
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	8.7	6.7	4.4	6.1	6.9	7.4	7.2	7.5	6.7	5.2	5.0	5.6	8.7	7.5
	2012	7.8	7.7	5.3	6.2	6.8	7.0	7.5	7.1	6.7	6.2	6.2	6.4	7.8	7.5
	2013	6.0	7.3	7.4	5.6	6.5	7.1	7.1	7.5	7.2	6.3	6.2	6.4	7.4	7.5
	2014	7.7	7.1	5.8	5.9	6.7	7.4	7.5	7.8	7.4	6.4	8.4	6.7	7.7	7.8
	2015	7.3	8.8	5.4	6.2	7.4	8.5	8.1	7.8	7.5	6.9	6.5	5.4	8.8	8.5
	2016	8.6	8.2	5.7	7.1	7.1	8.2	8.4	8.5	7.6	6.9	5.9	6.0	8.6	8.5
	2017	7.8	5.7	7.4	7.4	7.6	7.8	8.1	8.3	7.7	7.4	5.4	8.2	7.8	8.3
	2018	10.2	5.9	6.6	5.9	7.4	8.5	8.3	8.4	8.6	8.1	7.0	8.1	10.2	8.6
	2019	9.0	7.0	7.6	7.1	9.3	9.2	9.3	9.0	8.9	7.8	6.2	7.8	9.0	9.3
	2020	8.7	7.7	7.3	7.5	8.5	9.2	9.4	9.7	9.7	8.1	7.4	8.5	8.7	9.7
Projected	2021	10.7	9.8	8.0	7.6	8.7	9.3	9.5	9.8	9.1	8.2	7.6	8.7	10.7	9.8
	2022	10.9	10.1	8.2	7.7	8.8	9.4	9.6	9.9	9.2	8.3	7.7	8.9	10.9	9.9
	2023	11.1	10.2	8.4	7.8	8.9	9.6	9.8	10.0	9.3	8.4	7.8	9.0	11.1	10.0
	2024	11.2	10.4	8.5	7.9	9.1	9.7	9.9	10.2	9.4	8.5	7.9	9.1	11.2	10.2
	2025	11.4	10.5	8.6	8.0	9.2	9.8	10.0	10.3	9.6	8.6	8.1	9.3	11.4	10.3
	2026	11.6	10.7	8.7	8.1	9.3	10.0	10.2	10.4	9.7	8.8	8.2	9.4	11.6	10.4
	2027	11.7	10.8	8.9	8.2	9.5	10.1	10.3	10.6	9.8	8.9	8.3	9.6	11.7	10.6
	2028	11.9	11.0	9.0	8.3	9.6	10.2	10.4	10.7	10.0	9.0	8.4	9.7	11.9	10.7
	2029	12.1	11.2	9.1	8.5	9.7	10.4	10.6	10.9	10.1	9.2	8.6	9.8	12.1	10.9
	2030	12.3	11.3	9.3	8.6	9.9	10.5	10.7	11.0	10.2	9.3	8.7	10.0	12.3	11.0
Projected	2031	12.5	11.5	9.4	8.7	10.0	10.7	10.9	11.2	10.4	9.4	8.8	10.1	12.5	11.2
	2032	12.7	11.7	9.5	8.8	10.2	10.8	11.0	11.3	10.5	9.6	8.9	10.3	12.7	11.3
	2033	12.8	11.9	9.7	9.0	10.3	10.9	11.2	11.5	10.7	9.7	9.1	10.4	12.8	11.5
	2034	13.0	12.0	9.8	9.1	10.4	11.1	11.3	11.6	10.8	9.8	9.2	10.6	13.0	11.6
	2035	13.2	12.2	10.0	9.2	10.6	11.2	11.5	11.8	10.9	10.0	9.3	10.7	13.2	11.8
	2036	13.4	12.4	10.1	9.3	10.7	11.4	11.6	11.9	11.1	10.1	9.4	10.8	13.4	11.9
	2037	13.5	12.5	10.2	9.4	10.8	11.5	11.7	12.0	11.2	10.2	9.5	11.0	13.5	12.0
	2038	13.7	12.6	10.3	9.5	10.9	11.6	11.8	12.2	11.3	10.3	9.7	11.1	13.7	12.2
	2039	13.9	12.8	10.4	9.6	11.1	11.7	12.0	12.3	11.4	10.4	9.8	11.3	13.9	12.3
	2040	14.0	13.0	10.6	9.7	11.2	11.9	12.1	12.5	11.6	10.5	9.9	11.4	14.0	12.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	45.8%	50.1%	66.0%	54.8%	55.7%	59.9%	61.1%	63.0%	61.4%	60.9%	60.8%	56.1%	42.6%	51.2%
	2012	44.3%	40.6%	59.3%	52.6%	58.4%	58.8%	60.4%	60.4%	61.5%	55.6%	50.9%	52.7%	47.1%	48.5%
	2013	53.6%	45.9%	45.3%	58.7%	55.7%	59.9%	58.8%	59.9%	59.1%	56.5%	51.8%	53.2%	49.9%	48.7%
	2014	56.4%	49.6%	55.5%	56.3%	58.3%	59.6%	62.0%	61.9%	59.9%	57.2%	43.2%	54.2%	51.8%	49.9%
	2015	54.1%	46.4%	62.6%	59.8%	58.4%	57.4%	60.4%	62.2%	59.3%	53.5%	55.3%	64.6%	46.4%	48.6%
	2016	48.3%	47.5%	60.6%	51.7%	60.7%	62.4%	62.5%	60.7%	62.2%	55.9%	57.3%	59.0%	49.3%	49.6%
	2017	46.6%	59.2%	47.5%	52.4%	58.4%	58.8%	61.5%	62.4%	61.1%	57.1%	63.7%	48.0%	53.1%	49.2%
	2018	49.9%	62.5%	53.0%	61.0%	58.9%	60.0%	60.6%	61.3%	62.4%	56.0%	56.3%	51.7%	44.1%	50.7%
	2019	50.2%	53.7%	48.8%	55.4%	55.4%	57.8%	57.3%	61.7%	62.0%	59.2%	61.8%	50.4%	51.2%	49.7%
	2020	48.7%	52.9%	58.1%	55.7%	54.0%	58.4%	60.0%	59.8%	56.0%	57.7%	54.3%	53.9%	54.8%	48.3%
Projected	2021	46.4%	49.0%	51.4%	56.6%	56.5%	60.6%	60.0%	59.4%	61.3%	58.1%	53.4%	53.9%	46.4%	50.5%
	2022	46.3%	49.0%	50.7%	56.7%	57.1%	60.0%	60.3%	60.0%	61.0%	58.5%	53.2%	53.9%	46.2%	50.6%
	2023	46.3%	49.0%	50.5%	56.8%	57.2%	59.9%	60.4%	60.0%	60.9%	58.4%	53.1%	53.9%	46.0%	50.7%
	2024	46.2%	49.0%	50.3%	56.9%	57.2%	59.9%	60.4%	60.0%	60.9%	58.5%	53.1%	53.8%	46.0%	50.9%
	2025	46.2%	49.0%	50.3%	56.8%	57.1%	59.8%	60.4%	60.0%	60.9%	58.5%	53.0%	53.8%	45.9%	50.7%
	2026	46.2%	48.9%	50.3%	56.8%	57.1%	59.8%	60.4%	60.0%	60.9%	58.5%	52.9%	53.8%	45.9%	50.7%
	2027	46.1%	48.9%	50.2%	56.7%	57.1%	59.8%	60.4%	60.0%	60.9%	58.4%	52.8%	53.7%	45.8%	50.7%
	2028	46.1%	48.9%	50.0%	56.7%	57.0%	59.8%	60.4%	60.0%	60.9%	58.4%	52.7%	53.7%	45.8%	50.8%
	2029	46.1%	48.8%	50.0%	56.7%	57.0%	59.8%	60.4%	60.0%	60.9%	58.3%	52.6%	53.6%	45.7%	50.7%
	2030	46.0%	48.8%	49.9%	56.6%	56.9%	59.8%	60.4%	60.0%	60.9%	58.3%	52.5%	53.6%	45.6%	50.7%
Avg.	2011-2020	49.8%	50.8%	55.7%	55.8%	57.4%	59.3%	60.5%	61.3%	60.5%	56.9%	55.5%	54.4%	49.0%	49.4%
	2021-2030	46.2%	48.9%	50.4%	56.7%	57.0%	59.9%	60.3%	60.0%	60.9%	58.4%	52.9%	53.8%	45.9%	50.7%

FMPA 2021 Load Forecast - Base Case
Newberry
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	8.0	6.6	3.8	6.1	6.6	7.2	6.5	7.2	6.5	5.1	4.3	4.1	8.1	7.2
	2012	7.8	7.7	5.0	4.7	6.8	6.9	6.3	6.1	6.5	5.8	4.2	6.4	7.8	6.3
	2013	6.0	7.3	7.4	5.6	6.2	6.7	6.9	7.3	7.2	6.1	4.3	4.2	7.4	7.3
	2014	7.6	7.1	4.2	5.9	6.7	6.7	7.3	7.8	6.1	6.1	8.3	6.5	7.6	7.8
	2015	7.1	8.7	5.0	6.0	7.2	7.8	7.2	7.7	7.2	6.8	6.3	4.7	8.7	7.8
	2016	7.9	8.0	5.7	7.1	6.7	8.2	8.4	8.5	7.1	5.8	5.3	5.1	6.3	8.4
	2017	7.8	5.0	5.5	7.4	7.2	7.4	8.1	8.2	5.6	7.2	5.0	8.2	5.5	8.2
	2018	10.0	5.5	4.6	4.3	7.3	6.9	8.0	7.9	7.6	8.1	6.2	8.1	10.0	7.9
	2019	8.0	5.8	5.3	7.0	9.2	9.1	8.5	8.5	8.6	7.2	6.1	4.9	6.2	9.1
	2020	8.7	5.2	7.2	7.5	8.4	8.6	9.0	9.1	9.7	7.7	6.4	7.4	7.2	8.6
Projected	2021	10.3	9.1	6.9	7.2	8.5	8.8	9.0	9.4	8.4	7.8	6.5	7.5	10.3	9.4
	2022	10.5	9.3	7.0	7.2	8.6	8.9	9.2	9.5	8.5	7.9	6.7	7.7	10.5	9.5
	2023	10.7	9.5	7.2	7.3	8.7	9.0	9.3	9.7	8.6	8.0	6.8	7.8	10.7	9.7
	2024	10.9	9.6	7.3	7.4	8.8	9.1	9.4	9.8	8.7	8.1	6.8	7.9	10.9	9.8
	2025	11.0	9.7	7.3	7.5	8.9	9.2	9.5	9.9	8.8	8.2	6.9	8.0	11.0	9.9
	2026	11.2	9.9	7.5	7.7	9.1	9.4	9.6	10.1	9.0	8.3	7.1	8.1	11.2	10.1
	2027	11.4	10.0	7.6	7.8	9.2	9.5	9.8	10.2	9.1	8.4	7.2	8.2	11.4	10.2
	2028	11.5	10.2	7.7	7.9	9.3	9.6	9.9	10.3	9.2	8.6	7.3	8.3	11.5	10.3
	2029	11.7	10.3	7.8	8.0	9.5	9.7	10.0	10.5	9.3	8.7	7.4	8.5	11.7	10.5
	2030	11.9	10.5	7.9	8.1	9.6	9.9	10.2	10.6	9.4	8.8	7.5	8.6	11.9	10.6
Projected	2031	12.1	10.6	8.0	8.2	9.8	10.0	10.3	10.8	9.6	8.9	7.6	8.7	12.1	10.8
	2032	12.3	10.8	8.2	8.3	9.9	10.2	10.5	10.9	9.7	9.1	7.7	8.9	12.3	10.9
	2033	12.4	11.0	8.3	8.4	10.0	10.3	10.6	11.1	9.8	9.2	7.8	9.0	12.4	11.1
	2034	12.6	11.1	8.4	8.6	10.2	10.4	10.7	11.2	10.0	9.3	7.9	9.1	12.6	11.2
	2035	12.8	11.3	8.5	8.7	10.3	10.5	10.9	11.3	10.1	9.4	8.0	9.2	12.8	11.3
	2036	13.0	11.4	8.6	8.8	10.4	10.7	11.0	11.5	10.2	9.5	8.1	9.3	13.0	11.5
	2037	13.1	11.6	8.7	8.9	10.5	10.8	11.1	11.6	10.3	9.6	8.2	9.4	13.1	11.6
	2038	13.3	11.7	8.8	9.0	10.7	10.9	11.2	11.7	10.4	9.8	8.3	9.6	13.3	11.7
	2039	13.4	11.8	8.9	9.1	10.8	11.0	11.4	11.9	10.5	9.9	8.4	9.7	13.4	11.9
	2040	13.6	12.0	9.1	9.2	10.9	11.1	11.5	12.0	10.7	10.0	8.5	9.8	13.6	12.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	92.1%	99.4%	85.5%	100.0%	96.1%	97.0%	90.8%	95.9%	97.0%	99.5%	86.6%	74.2%	92.9%	95.9%
	2012	100.0%	100.0%	94.4%	76.9%	99.5%	99.2%	84.3%	86.5%	96.3%	93.7%	67.8%	100.0%	100.0%	84.3%
	2013	100.0%	100.0%	100.0%	99.0%	96.3%	93.7%	98.1%	97.1%	99.8%	95.7%	69.1%	65.5%	100.0%	97.1%
	2014	98.8%	99.2%	71.5%	99.3%	100.0%	89.9%	96.9%	100.0%	82.3%	96.2%	97.9%	97.4%	98.8%	100.0%
	2015	98.2%	98.0%	93.1%	96.4%	97.9%	92.5%	89.3%	98.9%	96.4%	99.1%	97.5%	87.8%	98.0%	92.5%
	2016	92.0%	97.8%	100.0%	99.7%	93.8%	99.9%	100.0%	100.0%	92.8%	83.9%	90.0%	85.8%	73.6%	99.3%
	2017	99.9%	86.5%	75.2%	100.0%	93.9%	95.1%	100.0%	98.8%	72.9%	98.2%	91.9%	100.0%	70.6%	98.8%
	2018	98.2%	93.9%	69.1%	73.7%	99.4%	81.1%	96.8%	93.8%	88.2%	100.0%	88.3%	100.0%	98.2%	91.5%
	2019	88.9%	82.4%	69.1%	98.8%	99.0%	98.6%	91.4%	94.4%	97.1%	91.4%	98.4%	62.0%	68.7%	97.2%
	2020	100.0%	67.3%	98.2%	99.4%	98.9%	93.7%	95.5%	93.8%	100.0%	94.8%	86.2%	86.1%	82.5%	88.9%
Projected	2021	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	95.0%	96.4%	92.3%	94.8%	86.2%	86.1%	96.8%	96.4%
	2022	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2023	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2024	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2025	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2026	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2027	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2028	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2029	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2030	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%
	2011-2020	96.8%	92.5%	85.6%	94.3%	97.5%	94.1%	94.3%	95.9%	92.3%	95.2%	87.4%	85.9%	88.3%	94.6%
	2021-2030	96.8%	92.5%	85.6%	94.3%	97.5%	94.0%	94.9%	96.4%	92.2%	94.8%	86.2%	86.1%	96.8%	96.4%

FMPA 2021 Load Forecast - Base Case - Newberry

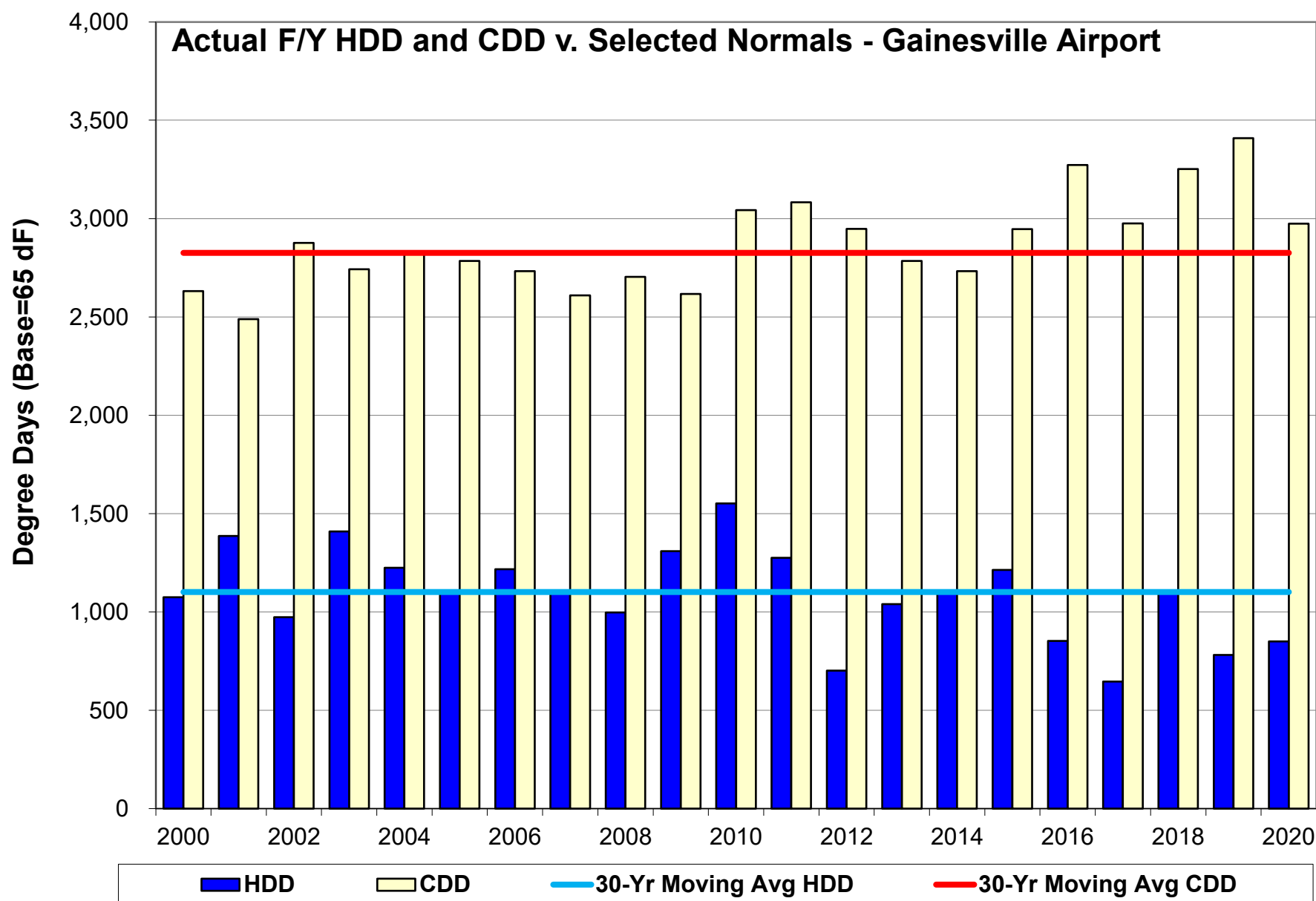
Historical and Projected - Energy Sales by Customer Class
(Fiscal Year 2011-2040)

Fiscal Year		Residential						General Service						City		Lights		TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	16,499		1,232		13,394		13,820		233		59.3		1,977		0		32,296		1,228	3.7%	33,524	
	2012	15,357	-6.9%	1,257	2.1%	12,216	-8.8%	13,223	-4.3%	240	2.8%	55.2	-6.9%	2,129	7.7%	0		30,709	-4.9%	979	3.1%	31,688	-5.5%
	2013	16,052	4.5%	1,319	4.9%	12,170	-0.4%	12,539	-5.2%	244	1.9%	51.4	-7.0%	1,995	-6.3%	0		30,586	-0.4%	1,551	4.8%	32,137	1.4%
	2014	17,133	6.7%	1,375	4.3%	12,459	2.4%	13,314	6.2%	242	-1.1%	55.1	7.3%	1,867	-6.4%	0		32,314	5.6%	1,984	5.8%	34,298	6.7%
	2015	18,341	7.1%	1,405	2.2%	13,056	4.8%	13,804	3.7%	240	-0.7%	57.5	4.4%	1,868	0.1%	0		34,013	5.3%	2,034	5.6%	36,047	5.1%
	2016	18,729	2.1%	1,455	3.5%	12,875	-1.4%	13,821	0.1%	238	-0.9%	58.1	1.0%	1,862	-0.3%	0		34,412	1.2%	2,523	6.8%	36,935	2.5%
	2017	18,965	1.3%	1,493	2.6%	12,705	-1.3%	14,093	2.0%	244	2.5%	57.8	-0.5%	1,770	-4.9%	583		35,411	2.9%	499	1.4%	35,911	-2.8%
	2018	19,648	3.6%	1,563	4.7%	12,573	-1.0%	14,700	4.3%	249	2.0%	59.1	2.2%	1,704	-3.7%	583	0.0%	36,635	3.5%	1,740	4.5%	38,376	6.9%
	2019	21,111	7.4%	1,643	5.2%	12,848	2.2%	15,161	3.1%	249	0.1%	60.9	3.0%	1,701	-0.2%	583	0.0%	38,556	5.2%	2,026	5.0%	40,582	5.8%
	2020	21,994	4.2%	1,746	6.3%	12,596	-2.0%	14,732	-2.8%	252	1.4%	58.4	-4.2%	1,601	-5.9%	583	0.0%	38,910	0.9%	2,026	5.0%	40,937	0.9%
Projected	2021	23,711	7.8%	1,833	5.0%	12,933	2.7%	15,215	3.3%	256	1.5%	59.4	1.7%	1,666	4.1%	583	0.0%	41,176	5.8%	2,115	4.9%	43,291	5.7%
	2022	24,075	1.5%	1,883	2.7%	12,785	-1.1%	15,495	1.8%	257	0.5%	60.2	1.4%	1,702	2.2%	583	0.0%	41,856	1.7%	2,152	4.9%	44,008	1.7%
	2023	24,438	1.5%	1,930	2.5%	12,659	-1.0%	15,787	1.9%	259	0.7%	60.9	1.2%	1,739	2.1%	583	0.0%	42,548	1.7%	2,187	4.9%	44,735	1.7%
	2024	24,669	0.9%	1,974	2.3%	12,494	-1.3%	16,073	1.8%	261	0.7%	61.6	1.1%	1,776	2.1%	583	0.0%	43,101	1.3%	2,343	5.2%	45,444	1.6%
	2025	24,960	1.2%	2,016	2.1%	12,381	-0.9%	16,351	1.7%	263	0.7%	62.2	1.0%	1,813	2.1%	583	0.0%	43,708	1.4%	2,247	4.9%	45,955	1.1%
	2026	25,319	1.4%	2,056	2.0%	12,315	-0.5%	16,628	1.7%	265	0.8%	62.8	0.9%	1,850	2.1%	583	0.0%	44,381	1.5%	2,282	4.9%	46,663	1.5%
	2027	25,710	1.5%	2,093	1.8%	12,283	-0.3%	16,904	1.7%	267	0.7%	63.3	0.9%	1,887	2.0%	583	0.0%	45,085	1.6%	2,318	4.9%	47,403	1.6%
	2028	26,073	1.4%	2,128	1.7%	12,252	-0.2%	17,179	1.6%	269	0.7%	63.9	0.9%	1,925	2.0%	583	0.0%	45,761	1.5%	2,487	5.2%	48,247	1.8%
	2029	26,433	1.4%	2,161	1.6%	12,229	-0.2%	17,455	1.6%	271	0.7%	64.5	0.9%	1,963	2.0%	583	0.0%	46,434	1.5%	2,387	4.9%	48,821	1.2%
	2030	26,820	1.5%	2,194	1.5%	12,226	0.0%	17,733	1.6%	273	0.7%	65.0	0.9%	2,001	2.0%	583	0.0%	47,137	1.5%	2,423	4.9%	49,561	1.5%
	2031	27,248	1.6%	2,224	1.4%	12,250	0.2%	18,011	1.6%	275	0.7%	65.6	0.8%	2,040	1.9%	583	0.0%	47,882	1.6%	2,462	4.9%	50,344	1.6%
	2032	27,654	1.5%	2,253	1.3%	12,276	0.2%	18,290	1.5%	277	0.7%	66.1	0.8%	2,078	1.9%	583	0.0%	48,605	1.5%	2,642	5.2%	51,247	1.8%
	2033	28,044	1.4%	2,279	1.1%	12,307	0.3%	18,567	1.5%	279	0.7%	66.7	0.8%	2,116	1.9%	583	0.0%	49,310	1.5%	2,535	4.9%	51,846	1.2%
	2034	28,420	1.3%	2,303	1.1%	12,341	0.3%	18,844	1.5%	280	0.7%	67.2	0.8%	2,155	1.8%	583	0.0%	50,003	1.4%	2,571	4.9%	52,574	1.4%
	2035	28,791	1.3%	2,326	1.0%	12,376	0.3%	19,124	1.5%	282	0.7%	67.7	0.8%	2,195	1.8%	583	0.0%	50,693	1.4%	2,606	4.9%	53,299	1.4%
	2036	29,121	1.1%	2,349	1.0%	12,396	0.2%	19,405	1.5%	284	0.7%	68.3	0.8%	2,235	1.8%	583	0.0%	51,344	1.3%	2,790	5.2%	54,134	1.6%
	2037	29,405	1.0%	2,370	0.9%	12,405	0.1%	19,685	1.4%	286	0.7%	68.8	0.8%	2,274	1.8%	583	0.0%	51,947	1.2%	2,670	4.9%	54,617	0.9%
	2038	29,703	1.0%	2,390	0.8%	12,427	0.2%	19,964	1.4%	288	0.6%	69.3	0.8%	2,314	1.8%	583	0.0%	52,563	1.2%	2,702	4.9%	55,265	1.2%
	2039	30,038	1.1%	2,409	0.8%	12,467	0.3%	20,244	1.4%	290	0.6%	69.8	0.8%	2,354	1.7%	583	0.0%	53,219	1.2%	2,736	4.9%	55,955	1.2%
	2040	30,376	1.1%	2,428	0.8%	12,508	0.3%	20,525	1.4%	292	0.6%	70.4	0.7%	2,395	1.7%	583	0.0%	53,879	1.2%	2,928	5.2%	56,807	1.5%
CAGR	2011-2020		3.2%		4.0%		-0.7%		0.7%		0.9%		-0.2%		-2.3%		0.0%		2.1%		4.6%		2.2%
	2021-2030		1.4%		2.0%		-0.6%		1.7%		0.7%		1.0%		2.1%		0.0%		1.5%		4.9%		1.5%
	2031-2040		1.2%		1.0%		0.2%		1.5%		0.7%		0.8%		1.8%		0.0%		1.3%		5.0%		1.4%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Newberry (Alachua County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	218.6	-	87.8	-	144.2	-	4.27	-	8,563	-	7,014	-	79,851	-
2001	221.7	1.4%	90.9	3.5%	148.9	3.3%	4.34	1.5%	8,853	3.4%	7,288	3.9%	80,172	0.4%
2002	224.6	1.3%	91.9	1.1%	150.2	0.9%	4.34	0.0%	9,225	4.2%	7,423	1.8%	80,749	0.7%
2003	227.0	1.1%	93.5	1.7%	151.1	0.6%	4.14	-4.6%	9,313	0.9%	7,559	1.8%	80,841	0.1%
2004	229.9	1.3%	94.2	0.7%	155.2	2.7%	4.35	5.1%	10,189	9.4%	8,191	8.4%	86,956	7.6%
2005	233.8	1.7%	95.8	1.7%	157.3	1.3%	4.37	0.4%	10,519	3.2%	8,610	5.1%	89,846	3.3%
2006	239.5	2.5%	98.0	2.2%	160.9	2.3%	4.89	11.9%	11,086	5.4%	9,009	4.6%	91,969	2.4%
2007	242.7	1.3%	99.6	1.7%	162.4	1.0%	5.21	6.7%	11,730	5.8%	9,232	2.5%	92,713	0.8%
2008	244.9	0.9%	100.1	0.5%	161.2	-0.7%	5.39	3.4%	11,410	-2.7%	9,272	0.4%	92,645	-0.1%
2009	246.7	0.7%	100.1	0.0%	154.9	-3.9%	4.54	-15.8%	11,368	-0.4%	8,962	-3.3%	89,515	-3.4%
2010	247.6	0.4%	100.6	0.4%	152.9	-1.3%	4.70	3.6%	11,186	-1.6%	9,210	2.8%	91,593	2.3%
2011	249.8	0.9%	102.7	2.1%	153.7	0.5%	4.77	1.4%	10,904	-2.5%	9,360	1.6%	91,165	-0.5%
2012	251.5	0.7%	104.0	1.3%	155.1	0.9%	4.77	0.0%	10,938	0.3%	9,233	-1.4%	88,774	-2.6%
2013	252.5	0.4%	105.5	1.5%	156.9	1.2%	4.84	1.5%	11,129	1.7%	9,193	-0.4%	87,120	-1.9%
2014	255.5	1.2%	106.4	0.9%	161.1	2.6%	4.68	-3.3%	11,446	2.8%	9,600	4.4%	90,204	3.5%
2015	259.2	1.4%	107.8	1.3%	165.2	2.6%	4.89	4.4%	11,974	4.6%	10,048	4.7%	93,192	3.3%
2016	264.3	2.0%	109.0	1.1%	168.3	1.9%	5.15	5.4%	12,333	3.0%	10,310	2.6%	94,577	1.5%
2017	266.8	1.0%	109.5	0.4%	174.0	3.4%	4.98	-3.2%	12,604	2.2%	10,694	3.7%	97,669	3.3%
2018	270.0	1.2%	110.9	1.3%	177.6	2.1%	5.04	1.1%	13,066	3.7%	11,081	3.6%	99,945	2.3%
2019	272.2	0.8%	112.7	1.7%	180.0	1.3%	5.12	1.6%	13,366	2.3%	11,357	2.5%	100,764	0.8%
2020	274.7	0.9%	114.4	1.5%	182.0	1.1%	5.17	1.0%	13,650	2.1%	11,632	2.4%	101,697	0.9%
2021	277.1	0.9%	116.0	1.4%	184.0	1.1%	5.23	1.2%	13,942	2.1%	11,914	2.4%	102,704	1.0%
2022	279.4	0.8%	117.4	1.2%	186.2	1.2%	5.26	0.7%	14,232	2.1%	12,198	2.4%	103,864	1.1%
2023	281.7	0.8%	118.8	1.1%	188.3	1.1%	5.31	0.8%	14,522	2.0%	12,484	2.3%	105,114	1.2%
2024	284.1	0.8%	120.0	1.0%	190.2	1.0%	5.35	0.8%	14,812	2.0%	12,774	2.3%	106,437	1.3%
2025	286.4	0.8%	121.2	1.0%	192.1	1.0%	5.39	0.7%	15,105	2.0%	13,066	2.3%	107,830	1.3%
2026	288.6	0.8%	122.2	0.9%	193.8	0.9%	5.43	0.7%	15,390	1.9%	13,355	2.2%	109,282	1.3%
2027	290.8	0.8%	123.2	0.8%	195.5	0.9%	5.47	0.7%	15,678	1.9%	13,648	2.2%	110,785	1.4%
2028	292.9	0.7%	124.1	0.8%	197.2	0.9%	5.50	0.6%	15,968	1.8%	13,944	2.2%	112,339	1.4%
2029	295.1	0.7%	125.0	0.7%	198.9	0.9%	5.54	0.7%	16,260	1.8%	14,243	2.1%	113,954	1.4%
2030	297.2	0.7%	125.8	0.7%	200.7	0.9%	5.58	0.7%	16,556	1.8%	14,547	2.1%	115,628	1.5%
2031	299.2	0.7%	126.5	0.6%	202.3	0.8%	5.61	0.6%	16,845	1.7%	14,846	2.1%	117,348	1.5%
2032	301.2	0.7%	127.2	0.5%	204.0	0.8%	5.65	0.6%	17,137	1.7%	15,149	2.0%	119,118	1.5%
2033	303.1	0.7%	127.8	0.5%	205.6	0.8%	5.68	0.6%	17,432	1.7%	15,455	2.0%	120,930	1.5%
2034	305.1	0.6%	128.4	0.5%	207.2	0.8%	5.71	0.6%	17,730	1.7%	15,765	2.0%	122,773	1.5%
2035	307.0	0.6%	129.0	0.4%	208.7	0.8%	5.75	0.6%	18,031	1.7%	16,078	2.0%	124,657	1.5%
2036	308.8	0.6%	129.5	0.4%	210.2	0.7%	5.78	0.6%	18,327	1.6%	16,388	1.9%	126,568	1.5%
2037	310.5	0.6%	130.0	0.4%	211.7	0.7%	5.81	0.6%	18,626	1.6%	16,701	1.9%	128,502	1.5%
2038	312.3	0.6%	130.4	0.4%	213.1	0.7%	5.85	0.6%	18,929	1.6%	17,018	1.9%	130,460	1.5%
2039	314.0	0.6%	130.9	0.4%	214.6	0.7%	5.88	0.6%	19,234	1.6%	17,337	1.9%	132,433	1.5%
2040	315.7	0.5%	131.4	0.4%	216.1	0.7%	5.91	0.5%	19,543	1.6%	17,660	1.9%	134,402	1.5%
Average Percent Change														
2010-2020			1.0%	1.3%	1.8%	0.9%	2.0%	2.4%	1.1%					
2021-2030			0.8%	0.9%	1.0%	0.7%	1.9%	2.2%	1.3%					
2031-2040			0.6%	0.4%	0.7%	0.6%	1.7%	2.0%	1.5%					



FMPA 2021 Load Forecast - Base Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	277.2	-	268.4	-	-3.2%	280.7	-	257.5	-	-8.3%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-5.9%	248.9	-7.2%	-4.6%	260.1	-7.3%	289.5	12.4%	11.3%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	234.4	-10.1%	231.6	-7.0%	-1.2%	275.8	6.0%	281.1	-2.9%	1.9%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	8.0%	261.3	12.8%	3.2%	285.1	3.4%	288.5	2.6%	1.2%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	257.9	-1.3%	-6.4%	286.6	0.5%	296.9	2.9%	3.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	236.1	-14.3%	265.5	2.9%	12.5%	289.3	0.9%	285.2	-4.0%	-1.4%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	209.9	-11.1%	226.6	-14.7%	7.9%	288.1	-0.4%	303.1	6.3%	5.2%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	291.6	38.9%	288.5	27.3%	-1.1%	287.6	-0.2%	279.1	-7.9%	-3.0%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	217.6	-25.4%	276.2	-4.3%	26.9%	303.7	5.6%	302.1	8.3%	-0.5%
	2020	1,350,518	-0.4%	1,361,654	4.3%	0.8%	243.4	11.9%	263.8	-4.5%	8.4%	298.7	-1.6%	291.7	-3.5%	-2.4%
Projected	2021	1,360,693	0.8%	1,360,693	-0.1%		273.3	12.3%	273.3	3.6%		299.0	0.1%	299.0	2.5%	
	2022			1,374,925	1.0%				276.2	1.1%				301.9	1.0%	
	2023			1,388,851	1.0%				279.2	1.1%				304.4	0.8%	
	2024			1,405,023	1.2%				283.6	1.6%				306.3	0.6%	
	2025			1,407,840	0.2%				283.0	-0.2%				308.1	0.6%	
	2026			1,416,538	0.6%				284.8	0.6%				310.0	0.6%	
	2027			1,425,323	0.6%				286.5	0.6%				311.9	0.6%	
	2028			1,441,208	1.1%				290.7	1.5%				314.1	0.7%	
	2029			1,445,659	0.3%				290.5	-0.1%				316.4	0.8%	
	2030			1,457,092	0.8%				292.7	0.8%				319.0	0.8%	
	2031			1,468,852	0.8%				295.1	0.8%				321.5	0.8%	
	2032			1,487,057	1.2%				299.8	1.6%				324.1	0.8%	
	2033			1,492,635	0.4%				299.8	0.0%				326.7	0.8%	
	2034			1,504,400	0.8%				302.2	0.8%				329.2	0.8%	
	2035			1,516,394	0.8%				304.6	0.8%				331.9	0.8%	
	2036			1,534,948	1.2%				309.5	1.6%				334.4	0.8%	
	2037			1,539,814	0.3%				309.3	-0.1%				336.9	0.7%	
	2038			1,551,320	0.7%				311.6	0.7%				339.4	0.8%	
	2039			1,563,308	0.8%				314.0	0.8%				342.0	0.8%	
	2040			1,582,068	1.2%				319.0	1.6%				344.6	0.8%	
CAGR ^[3]	2011-2020		0.4%		0.9%			-1.4%		-0.2%			0.7%		1.4%	
	2021-2030				0.8%					0.8%					0.7%	
	2031-2040				0.8%					0.9%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Ocala

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,302,274	-	1,302,274	-	279.6	282.8	279.6	282.8	277.2	280.7	277.2	280.7
	2012	1,230,559	-5.5%	1,230,559	-5.5%	260.9	264.6	260.9	264.6	260.9	260.1	260.9	260.1
	2013	1,238,467	0.6%	1,238,467	0.6%	236.1	275.8	236.1	275.8	234.4	275.8	234.4	275.8
	2014	1,263,334	2.0%	1,263,334	2.0%	253.2	285.1	253.2	285.1	253.2	285.1	253.2	285.1
	2015	1,294,771	2.5%	1,294,771	2.5%	275.5	286.6	275.5	286.6	275.5	286.6	275.5	286.6
	2016	1,336,499	3.2%	1,336,499	3.2%	257.3	295.3	257.3	295.3	236.1	289.3	236.1	289.3
	2017	1,296,410	-3.0%	1,296,410	-3.0%	232.6	290.6	232.6	290.6	209.9	288.1	209.9	288.1
	2018	1,328,133	2.4%	1,328,133	2.4%	297.0	287.6	297.0	287.6	291.6	287.6	291.6	287.6
	2019	1,356,115	2.1%	1,356,115	2.1%	248.2	303.7	248.2	303.7	217.6	303.7	217.6	303.7
	2020	1,350,518	-0.4%	1,335,177	-1.5%	246.6	302.7	276.0	293.6	243.4	298.7	273.4	291.5
Projected	2021	1,360,693	0.8%	1,338,542	0.3%	275.9	301.2	276.1	295.4	273.3	299.0	273.5	293.3
	2022	1,374,925	1.0%	1,349,547	0.8%	278.8	304.1	278.2	297.9	276.2	301.9	275.7	295.7
	2023	1,388,851	1.0%	1,359,649	0.7%	281.8	306.6	280.4	300.0	279.2	304.4	277.8	297.8
	2024	1,405,023	1.2%	1,374,605	1.1%	286.3	308.5	284.6	302.0	283.6	306.3	282.0	299.8
	2025	1,407,840	0.2%	1,377,646	0.2%	285.7	310.4	284.1	303.9	283.0	308.1	281.5	301.7
	2026	1,416,538	0.6%	1,386,258	0.6%	287.4	312.2	285.9	305.8	284.8	310.0	283.3	303.5
	2027	1,425,323	0.6%	1,394,349	0.6%	289.1	314.2	287.6	307.5	286.5	311.9	285.0	305.3
	2028	1,441,208	1.1%	1,408,344	1.0%	293.4	316.4	291.6	309.3	290.7	314.1	288.9	307.0
	2029	1,445,659	0.3%	1,410,082	0.1%	293.2	318.7	290.9	310.9	290.5	316.4	288.2	308.7
	2030	1,457,092	0.8%	1,417,992	0.6%	295.4	321.3	292.4	312.7	292.7	319.0	289.7	310.4
	2031	1,468,852	0.8%	1,426,493	0.6%	297.8	323.9	294.2	314.6	295.1	321.5	291.5	312.3
	2032	1,487,057	1.2%	1,441,446	1.0%	302.6	326.5	298.4	316.5	299.8	324.1	295.6	314.2
	2033	1,492,635	0.4%	1,443,941	0.2%	302.6	329.1	297.8	318.4	299.8	326.7	295.1	316.1
	2034	1,504,400	0.8%	1,452,023	0.6%	305.0	331.6	299.5	320.2	302.2	329.2	296.7	317.8
	2035	1,516,394	0.8%	1,459,980	0.5%	307.4	334.3	301.1	321.9	304.6	331.9	298.3	319.5
	2036	1,534,948	1.2%	1,474,058	1.0%	312.4	336.9	305.2	323.5	309.5	334.4	302.4	321.2
	2037	1,539,814	0.3%	1,474,991	0.1%	312.2	339.3	304.2	325.1	309.3	336.9	301.4	322.7
	2038	1,551,320	0.7%	1,482,382	0.5%	314.5	341.9	305.7	326.8	311.6	339.4	302.9	324.4
	2039	1,563,308	0.8%	1,490,258	0.5%	316.9	344.5	307.3	328.5	314.0	342.0	304.5	326.1
	2040	1,582,068	1.2%			321.9	347.1			319.0	344.6		
CAGR ^[1]	Historical		0.4%		0.5%	-1.4%	0.8%	-1.5%	0.9%	-0.9%	1.7%	-2.6%	2.2%
	1st 10 Prj Yrs		0.8%		0.6%	0.8%	0.7%	0.6%	0.6%	0.8%	0.7%	0.6%	0.6%
	2nd 10 Prj Yrs		0.8%		0.6%	0.9%	0.8%	0.6%	0.5%	0.9%	0.8%	0.6%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Ocala

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,302,274	-	1,254,459	-	-3.7%	277.2	-	268.4	-	-3.2%	280.7	-	257.5	-	-8.3%
	2012	1,230,559	-5.5%	1,241,370	-1.0%	0.9%	260.9	-5.9%	248.9	-7.2%	-4.6%	260.1	-7.3%	289.5	12.4%	11.3%
	2013	1,238,467	0.6%	1,245,645	0.3%	0.6%	234.4	-10.1%	231.6	-7.0%	-1.2%	275.8	6.0%	281.1	-2.9%	1.9%
	2014	1,263,334	2.0%	1,271,722	2.1%	0.7%	253.2	8.0%	261.3	12.8%	3.2%	285.1	3.4%	288.5	2.6%	1.2%
	2015	1,294,771	2.5%	1,273,776	0.2%	-1.6%	275.5	8.8%	257.9	-1.3%	-6.4%	286.6	0.5%	296.9	2.9%	3.6%
	2016	1,336,499	3.2%	1,304,293	2.4%	-2.4%	236.1	-14.3%	265.5	2.9%	12.5%	289.3	0.9%	285.2	-4.0%	-1.4%
	2017	1,296,410	-3.0%	1,305,825	0.1%	0.7%	209.9	-11.1%	226.6	-14.7%	7.9%	288.1	-0.4%	303.1	6.3%	5.2%
	2018	1,328,133	2.4%	1,284,846	-1.6%	-3.3%	291.6	38.9%	288.5	27.3%	-1.1%	287.6	-0.2%	279.1	-7.9%	-3.0%
	2019	1,356,115	2.1%	1,305,690	1.6%	-3.7%	217.6	-25.4%	276.2	-4.3%	26.9%	303.7	5.6%	302.1	8.3%	-0.5%
	2020	1,350,518	-0.4%	1,354,179	3.7%	0.3%	243.4	11.9%	263.8	-4.5%	8.4%	298.7	-1.6%	291.7	-3.5%	-2.4%
Projected	2021	1,358,360	0.6%	1,358,360	0.3%		273.3	12.3%	273.3	3.6%		298.4	-0.1%	298.4	2.3%	
	2022			1,371,680	1.0%				276.2	1.1%				301.1	0.9%	
	2023			1,384,690	0.9%				279.2	1.1%				303.4	0.8%	
	2024			1,399,845	1.1%				283.6	1.6%				305.1	0.5%	
	2025			1,401,573	0.1%				283.0	-0.2%				306.7	0.5%	
	2026			1,408,815	0.5%				284.8	0.6%				308.1	0.5%	
	2027			1,416,029	0.5%				286.5	0.6%				309.7	0.5%	
	2028			1,430,241	1.0%				290.7	1.5%				311.5	0.6%	
	2029			1,432,972	0.2%				290.5	-0.1%				313.4	0.6%	
	2030			1,442,599	0.7%				292.7	0.8%				315.5	0.7%	
	2031			1,453,128	0.7%				295.1	0.8%				317.8	0.7%	
	2032			1,470,045	1.2%				299.8	1.6%				320.1	0.7%	
	2033			1,474,364	0.3%				299.8	0.0%				322.3	0.7%	
	2034			1,484,832	0.7%				302.2	0.8%				324.6	0.7%	
	2035			1,495,486	0.7%				304.6	0.8%				326.9	0.7%	
	2036			1,512,612	1.1%				309.5	1.6%				329.1	0.7%	
	2037			1,516,033	0.2%				309.3	-0.1%				331.2	0.6%	
	2038			1,526,100	0.7%				311.6	0.7%				333.4	0.7%	
	2039			1,536,461	0.7%				314.0	0.8%				335.6	0.7%	
	2040			1,553,554	1.1%				319.0	1.6%				337.8	0.7%	
CAGR ^[3]	2011-2020		0.4%		0.9%			-1.4%		-0.2%			0.7%		1.4%	
	2021-2030				0.7%					0.8%					0.6%	
	2031-2040				0.7%					0.9%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Ocala
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	101,650	84,973	89,206	99,395	114,074	124,948	127,576	137,207	119,373	94,319	85,733	88,775	1,267,229	1,302,274
	2012	95,461	84,678	93,163	95,804	114,125	112,824	125,112	124,750	115,815	103,591	86,570	92,171	1,244,063	1,230,559
	2013	90,870	85,099	92,695	94,643	104,963	119,187	120,302	129,736	118,642	105,212	87,251	91,987	1,240,586	1,238,467
	2014	108,373	85,568	88,538	93,357	111,294	117,805	127,191	132,108	114,650	102,524	90,178	94,636	1,266,221	1,263,334
	2015	98,616	91,270	96,214	103,169	116,897	126,544	126,971	129,549	118,204	104,337	97,959	95,903	1,305,632	1,294,771
	2016	101,483	92,404	94,922	96,968	115,946	133,360	142,024	136,711	124,481	106,466	89,680	93,580	1,328,026	1,336,499
	2017	96,001	82,937	95,512	101,927	120,446	120,586	132,703	139,159	117,414	112,466	89,007	96,885	1,305,042	1,296,410
	2018	116,795	87,390	92,501	93,623	112,376	127,225	129,253	138,136	132,476	116,974	95,117	96,366	1,338,232	1,328,133
	2019	103,745	86,001	93,690	99,753	128,963	132,064	135,188	138,025	130,229	120,720	91,485	93,892	1,353,755	1,356,115
	2020	99,351	91,597	105,455	99,877	114,199	130,159	137,389	139,379	127,014	109,688	93,930	103,151	1,351,190	1,350,518
Projected	2021	106,546	93,461	99,254	99,130	119,632	129,766	137,428	140,873	125,500	110,312	95,086	103,943	1,360,932	1,358,360
	2022	107,576	94,757	100,823	99,718	121,130	130,662	138,771	142,342	126,560	111,615	96,243	105,128	1,375,324	1,371,680
	2023	108,580	95,793	101,791	100,695	122,336	131,672	139,845	143,472	127,521	112,486	97,105	105,952	1,387,248	1,384,690
	2024	109,309	102,482	102,449	101,482	123,155	132,395	140,659	144,220	128,151	113,198	97,712	106,571	1,401,783	1,399,845
	2025	109,881	96,990	103,014	102,064	123,872	133,067	141,389	144,981	128,834	113,808	98,264	107,197	1,403,362	1,401,573
	2026	110,471	97,530	103,539	102,599	124,524	133,706	142,059	145,675	129,442	114,366	98,751	107,780	1,410,443	1,408,815
	2027	111,048	98,059	104,050	103,124	125,184	134,370	142,776	146,420	130,103	114,968	99,277	108,422	1,417,799	1,416,029
	2028	111,693	104,833	104,619	103,699	125,912	135,124	143,583	147,267	130,845	115,647	99,863	109,136	1,432,221	1,430,241
	2029	112,425	99,305	105,248	104,341	126,719	135,958	144,473	148,192	131,664	116,388	100,501	109,905	1,435,119	1,432,972
	2030	113,209	100,009	105,933	105,035	127,585	136,858	145,437	149,193	132,546	117,242	101,239	110,759	1,445,046	1,442,599
Projected	2031	114,072	100,774	106,694	105,794	128,522	137,832	146,468	150,254	133,477	118,076	101,955	111,588	1,455,506	1,453,128
	2032	114,919	107,903	107,451	106,555	129,466	138,822	147,524	151,345	134,441	118,945	102,706	112,459	1,472,537	1,470,045
	2033	115,801	102,312	108,229	107,330	130,417	139,808	148,566	152,414	135,377	119,785	103,428	113,291	1,476,757	1,474,364
	2034	116,645	103,066	108,983	108,087	131,354	140,784	149,604	153,485	136,321	120,634	104,160	114,141	1,487,262	1,484,832
	2035	117,509	103,837	109,752	108,858	132,308	141,776	150,659	154,574	137,280	121,495	104,903	115,005	1,497,955	1,495,486
	2036	118,380	111,183	110,518	109,623	133,248	142,747	151,684	155,626	138,199	122,316	105,607	115,824	1,514,956	1,512,612
	2037	119,206	105,346	111,238	110,344	134,138	143,663	152,654	156,623	139,072	123,108	106,288	116,619	1,518,300	1,516,033
	2038	120,014	106,071	111,957	111,068	135,040	144,606	153,663	157,670	139,997	123,929	106,993	117,460	1,528,468	1,526,100
	2039	120,873	106,833	112,699	111,810	135,963	145,567	154,687	158,725	140,922	124,763	107,705	118,306	1,538,853	1,536,461
	2040	121,735	114,360	113,439	112,549	136,879	146,520	155,699	159,767	141,833	125,582	108,402	119,134	1,555,898	1,553,554

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.0%	6.7%	7.0%	7.8%	9.0%	9.9%	10.1%	10.8%	9.4%	7.4%	6.8%	7.0%	100.0%
	2012	7.7%	6.8%	7.5%	7.7%	9.2%	9.1%	10.1%	10.0%	9.3%	8.3%	7.0%	7.4%	100.0%
	2013	7.3%	6.9%	7.5%	7.6%	8.5%	9.6%	9.7%	10.5%	9.6%	8.5%	7.0%	7.4%	100.0%
	2014	8.6%	6.8%	7.0%	7.4%	8.8%	9.3%	10.0%	10.4%	9.1%	8.1%	7.1%	7.5%	100.0%
	2015	7.6%	7.0%	7.4%	7.9%	9.0%	9.7%	9.7%	9.9%	9.1%	8.0%	7.5%	7.3%	100.0%
	2016	7.6%	7.0%	7.1%	7.3%	8.7%	10.0%	10.7%	10.3%	9.4%	8.0%	6.8%	7.0%	100.0%
	2017	7.4%	6.4%	7.3%	7.8%	9.2%	9.2%	10.2%	10.7%	9.0%	8.6%	6.8%	7.4%	100.0%
	2018	8.7%	6.5%	6.9%	7.0%	8.4%	9.5%	9.7%	10.3%	9.9%	8.7%	7.1%	7.2%	100.0%
	2019	7.7%	6.4%	6.9%	7.4%	9.5%	9.8%	10.0%	10.2%	9.6%	8.9%	6.8%	6.9%	100.0%
	2020	7.4%	6.8%	7.8%	7.4%	8.5%	9.6%	10.2%	10.3%	9.4%	8.1%	7.0%	7.6%	100.0%
Projected	2021	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.4%	9.2%	8.1%	7.0%	7.6%	100.0%
	2022	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2023	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2024	7.8%	7.3%	7.3%	7.2%	8.8%	9.4%	10.0%	10.3%	9.1%	8.1%	7.0%	7.6%	100.0%
	2025	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2026	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2027	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2028	7.8%	7.3%	7.3%	7.2%	8.8%	9.4%	10.0%	10.3%	9.1%	8.1%	7.0%	7.6%	100.0%
	2029	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.7%	100.0%
	2030	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.7%	100.0%
Avg.	2011-2020	7.8%	6.7%	7.2%	7.5%	8.9%	9.6%	10.0%	10.3%	9.4%	8.3%	7.0%	7.3%	100.0%
	2021-2030	7.8%	7.0%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%

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FMPA 2021 Load Forecast - Base Case
Ocala
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	269.1	227.1	178.4	238.0	258.1	282.8	274.5	281.3	252.3	210.6	183.5	179.7	279.6	282.8
	2012	260.9	250.8	192.0	221.9	251.7	261.7	264.6	263.9	256.7	235.7	195.2	194.0	260.9	264.6
	2013	197.8	236.1	234.4	210.5	233.3	265.3	265.2	275.8	264.5	232.3	189.7	192.7	236.1	275.8
	2014	253.2	224.1	181.3	234.0	248.0	262.5	274.3	285.1	270.2	237.2	232.5	207.3	253.2	285.1
	2015	230.5	275.5	198.5	224.6	259.4	286.6	270.8	281.4	266.4	231.5	237.6	189.4	275.5	286.6
	2016	257.3	250.9	205.3	234.5	260.7	289.1	295.3	290.5	261.9	232.8	195.6	184.0	257.3	295.3
	2017	232.6	190.6	209.9	256.2	268.5	276.4	282.0	290.6	269.5	265.6	194.0	235.0	232.6	290.6
	2018	297.0	207.9	191.9	200.6	246.3	279.0	276.7	287.6	285.8	269.4	220.3	233.3	297.0	287.6
	2019	248.2	204.9	210.0	233.5	295.5	303.7	292.8	287.6	291.6	260.3	218.5	200.6	248.2	303.7
	2020	246.6	209.1	243.4	229.9	275.0	302.7	297.9	295.2	294.4	256.8	230.2	209.3	246.6	302.7
Projected	2021	275.9	252.4	217.0	237.4	273.2	294.2	290.0	300.6	283.5	255.4	232.6	211.6	275.9	300.6
	2022	278.8	255.0	219.3	239.6	275.7	296.8	292.6	303.3	286.0	257.7	235.1	213.9	278.8	303.3
	2023	281.8	257.8	221.7	241.5	277.9	299.1	294.9	305.7	288.2	259.8	238.8	217.2	281.8	305.7
	2024	286.3	261.9	225.2	242.9	279.5	300.7	296.4	307.3	289.8	261.3	238.3	216.8	286.3	307.3
	2025	285.7	261.3	224.7	244.2	281.1	302.3	298.0	308.9	291.3	262.7	239.8	218.1	285.7	308.9
	2026	287.4	262.9	226.1	245.5	282.6	303.8	299.4	310.4	292.7	264.1	241.2	219.4	287.4	310.4
	2027	289.1	264.5	227.5	246.8	284.2	305.3	300.9	312.0	294.1	265.5	244.8	222.7	289.1	312.0
	2028	293.4	268.4	230.8	248.3	285.9	307.0	302.6	313.8	295.8	267.2	244.6	222.5	293.4	313.8
	2029	293.2	268.2	230.6	250.0	287.9	308.9	304.5	315.7	297.6	269.0	246.5	224.2	293.2	315.7
	2030	295.4	270.3	232.4	251.8	290.0	311.0	306.5	317.9	299.6	271.0	248.5	226.0	295.4	317.9
Projected	2031	297.8	272.4	234.3	253.7	292.2	313.2	308.7	320.1	301.7	273.0	252.5	229.6	297.8	320.1
	2032	302.6	276.8	238.1	255.6	294.4	315.5	310.9	322.4	303.9	275.1	252.5	229.6	302.6	322.4
	2033	302.6	276.9	238.1	257.5	296.6	317.7	313.1	324.7	306.0	277.1	254.5	231.4	302.6	324.7
	2034	305.0	279.0	240.0	259.4	298.8	319.9	315.3	327.0	308.2	279.2	256.5	233.3	305.0	327.0
	2035	307.4	281.2	241.9	261.3	301.0	322.2	317.5	329.3	310.3	281.2	260.6	237.0	307.4	329.3
	2036	312.4	285.8	245.8	263.2	303.2	324.4	319.7	331.6	312.4	283.2	260.5	236.9	312.4	331.6
	2037	312.2	285.6	245.6	265.0	305.3	326.5	321.7	333.7	314.4	285.2	262.4	238.6	312.2	333.7
	2038	314.5	287.7	247.4	266.8	307.4	328.6	323.9	335.9	316.5	287.2	264.4	240.5	314.5	335.9
	2039	316.9	289.9	249.3	268.7	309.6	330.8	326.0	338.1	318.6	289.2	268.6	244.3	316.9	338.1
	2040	321.9	294.5	253.3	270.6	311.8	333.0	328.2	340.4	320.7	291.2	270.6	246.1	321.9	340.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.8%	55.7%	67.2%	58.0%	59.4%	61.4%	62.5%	65.6%	65.7%	60.2%	64.9%	66.4%	51.7%	52.6%
	2012	49.2%	48.5%	65.2%	60.0%	60.9%	59.9%	63.6%	63.5%	62.7%	59.1%	61.6%	63.9%	54.4%	53.1%
	2013	61.7%	53.6%	53.1%	62.4%	60.5%	62.4%	61.0%	63.2%	62.3%	60.9%	63.9%	64.2%	60.0%	51.3%
	2014	57.5%	56.8%	65.7%	55.4%	60.3%	62.3%	62.3%	62.3%	58.9%	58.1%	53.9%	61.4%	57.1%	50.6%
	2015	57.5%	49.3%	65.2%	63.8%	60.6%	61.3%	63.0%	61.9%	61.6%	60.6%	57.3%	68.1%	54.1%	51.6%
	2016	53.0%	52.9%	62.2%	57.4%	59.8%	64.1%	64.6%	63.3%	66.0%	61.5%	63.7%	68.4%	58.9%	51.7%
	2017	55.5%	64.7%	61.2%	55.3%	60.3%	60.6%	63.2%	64.4%	60.5%	56.9%	63.7%	55.4%	64.1%	50.9%
	2018	52.9%	62.6%	64.8%	64.8%	61.3%	63.3%	62.8%	64.6%	64.4%	58.4%	60.0%	55.5%	51.4%	52.7%
	2019	56.2%	62.5%	60.0%	59.3%	58.7%	60.4%	62.1%	64.5%	62.0%	62.3%	58.1%	62.9%	62.3%	51.0%
	2020	54.2%	62.9%	58.2%	60.3%	55.8%	59.7%	62.0%	63.5%	59.9%	57.4%	56.7%	66.2%	62.6%	50.9%
Projected	2021	51.9%	55.1%	61.5%	58.0%	58.9%	61.3%	63.7%	63.0%	61.5%	58.1%	56.8%	66.0%	56.3%	51.6%
	2022	51.9%	55.3%	61.8%	57.8%	59.1%	61.1%	63.7%	63.1%	61.5%	58.2%	56.8%	66.1%	56.3%	51.6%
	2023	51.8%	55.3%	61.7%	57.9%	59.2%	61.1%	63.7%	63.1%	61.4%	58.2%	56.5%	65.6%	56.2%	51.7%
	2024	51.3%	56.2%	61.1%	58.0%	59.2%	61.1%	63.8%	63.1%	61.4%	58.2%	56.9%	66.1%	55.9%	52.0%
	2025	51.7%	55.2%	61.6%	58.0%	59.2%	61.1%	63.8%	63.1%	61.4%	58.2%	56.9%	66.1%	56.1%	51.8%
	2026	51.7%	55.2%	61.5%	58.1%	59.2%	61.1%	63.8%	63.1%	61.4%	58.2%	56.9%	66.0%	56.0%	51.8%
	2027	51.6%	55.2%	61.5%	58.0%	59.2%	61.1%	63.8%	63.1%	61.4%	58.2%	56.3%	65.5%	56.0%	51.8%
	2028	51.2%	56.1%	60.9%	58.0%	59.2%	61.1%	63.8%	63.1%	61.4%	58.2%	56.7%	65.9%	55.7%	52.0%
	2029	51.5%	55.1%	61.3%	58.0%	59.2%	61.1%	63.8%	63.1%	61.4%	58.2%	56.6%	65.9%	55.9%	51.8%
	2030	51.5%	55.1%	61.3%	57.9%	59.1%	61.1%	63.8%	63.1%	61.4%	58.2%	56.6%	65.9%	55.8%	51.8%
Avg.	2011-2020	54.8%	57.0%	62.3%	59.7%	59.8%	61.5%	62.7%	63.7%	62.4%	59.5%	60.4%	63.2%	57.7%	51.6%
	2021-2030	51.6%	55.4%	61.4%	58.0%	59.1%	61.1%	63.8%	63.1%	61.4%	58.2%	56.7%	65.9%	56.0%	51.8%

FMPA 2021 Load Forecast - Base Case
Ocala
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	268.3	227.1	154.5	232.8	251.3	282.3	269.8	280.7	251.4	208.5	181.4	156.9	277.2	280.7
	2012	260.9	250.8	192.0	214.5	236.8	261.7	260.1	263.9	256.7	234.5	155.9	194.0	260.9	260.1
	2013	197.8	236.1	234.4	198.3	226.1	256.8	265.2	275.8	262.7	232.3	183.6	168.7	234.4	275.8
	2014	253.2	224.1	142.2	234.0	248.0	261.2	264.7	285.1	269.3	234.7	232.5	207.3	253.2	285.1
	2015	230.5	275.5	197.0	218.1	256.0	286.6	264.6	278.2	253.9	231.5	236.1	186.1	275.5	286.6
	2016	257.3	250.9	205.3	234.5	255.5	289.0	289.3	290.5	255.4	215.9	195.4	184.0	236.1	289.3
	2017	229.4	190.0	209.9	256.2	258.7	274.8	280.4	288.1	253.9	265.6	194.0	235.0	209.9	288.1
	2018	291.6	207.9	185.8	194.4	245.0	254.6	275.3	287.6	275.7	266.7	217.6	233.3	291.6	287.6
	2019	234.0	204.9	199.9	233.5	295.5	303.7	292.5	281.1	291.6	248.2	217.2	164.8	217.6	303.7
	2020	246.6	196.4	243.4	228.7	263.7	298.7	269.6	295.2	291.6	252.4	222.9	198.9	243.4	298.7
Projected	2021	273.3	250.7	207.5	233.1	266.8	289.9	282.7	298.4	278.1	250.9	225.3	201.1	273.3	298.4
	2022	276.2	253.4	209.8	235.3	269.3	292.5	285.2	301.1	280.6	253.3	227.7	203.3	276.2	301.1
	2023	279.2	256.2	212.0	237.2	271.5	294.8	287.4	303.4	282.8	255.3	231.3	206.5	279.2	303.4
	2024	283.6	260.2	215.4	238.5	273.0	296.4	288.9	305.1	284.3	256.7	230.8	206.0	283.6	305.1
	2025	283.0	259.6	214.9	239.8	274.5	297.9	290.4	306.7	285.8	258.1	232.2	207.3	283.0	306.7
	2026	284.8	261.2	216.2	241.1	276.0	299.3	291.8	308.1	287.1	259.5	233.6	208.5	284.8	308.1
	2027	286.5	262.8	217.5	242.4	277.5	300.8	293.3	309.7	288.5	260.9	237.1	211.6	286.5	309.7
	2028	290.7	266.7	220.8	243.9	279.3	302.5	294.9	311.5	290.2	262.5	236.9	211.4	290.7	311.5
	2029	290.5	266.5	220.6	245.5	281.2	304.4	296.8	313.4	292.0	264.3	238.7	213.1	290.5	313.4
	2030	292.7	268.5	222.3	247.3	283.2	306.4	298.7	315.5	293.9	266.3	240.6	214.8	292.7	315.5
Projected	2031	295.1	270.7	224.1	249.1	285.4	308.6	300.8	317.8	296.0	268.3	244.5	218.3	295.1	317.8
	2032	299.8	275.1	227.7	251.0	287.5	310.8	303.0	320.1	298.1	270.3	244.5	218.3	299.8	320.1
	2033	299.8	275.1	227.7	252.9	289.7	313.0	305.1	322.3	300.2	272.3	246.4	220.0	299.8	322.3
	2034	302.2	277.2	229.5	254.7	291.8	315.2	307.3	324.6	302.3	274.3	248.4	221.7	302.2	324.6
	2035	304.6	279.4	231.3	256.6	294.0	317.4	309.4	326.9	304.4	276.3	252.4	225.3	304.6	326.9
	2036	309.5	283.9	235.0	258.4	296.1	319.6	311.5	329.1	306.4	278.3	252.2	225.2	309.5	329.1
	2037	309.3	283.8	234.9	260.2	298.1	321.6	313.5	331.2	308.4	280.2	254.1	226.8	309.3	331.2
	2038	311.6	285.8	236.6	262.0	300.2	323.8	315.5	333.4	310.4	282.1	256.0	228.6	311.6	333.4
	2039	314.0	288.0	238.4	263.8	302.4	325.9	317.6	335.6	312.5	284.1	260.1	232.2	314.0	335.6
	2040	319.0	292.6	242.2	265.7	304.5	328.0	319.7	337.8	314.5	286.1	262.1	233.9	319.0	337.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.7%	100.0%	86.6%	97.8%	97.4%	99.8%	98.3%	99.8%	99.6%	99.0%	98.8%	87.3%	99.1%	99.3%
	2012	100.0%	100.0%	100.0%	96.6%	94.1%	100.0%	98.3%	100.0%	100.0%	99.5%	79.9%	100.0%	100.0%	98.3%
	2013	100.0%	100.0%	100.0%	94.2%	96.9%	96.8%	100.0%	100.0%	99.3%	100.0%	96.8%	87.6%	99.3%	100.0%
	2014	100.0%	100.0%	78.5%	100.0%	100.0%	99.5%	96.5%	100.0%	99.7%	98.9%	100.0%	100.0%	100.0%	100.0%
	2015	100.0%	100.0%	99.3%	97.1%	98.7%	100.0%	97.7%	98.8%	95.3%	100.0%	99.4%	98.3%	100.0%	100.0%
	2016	100.0%	100.0%	100.0%	100.0%	98.0%	100.0%	98.0%	100.0%	97.5%	92.7%	99.9%	100.0%	91.8%	98.0%
	2017	98.6%	99.7%	100.0%	100.0%	96.3%	99.4%	99.4%	99.1%	94.2%	100.0%	100.0%	100.0%	90.3%	99.1%
	2018	98.2%	100.0%	96.8%	96.9%	99.5%	91.3%	99.5%	100.0%	96.5%	99.0%	98.8%	100.0%	98.2%	100.0%
	2019	94.3%	100.0%	95.2%	100.0%	100.0%	100.0%	99.9%	97.7%	100.0%	95.4%	99.4%	82.1%	87.7%	100.0%
	2020	100.0%	93.9%	100.0%	99.5%	95.9%	98.7%	90.5%	100.0%	99.0%	98.3%	96.8%	95.0%	98.7%	98.7%
Projected	2021	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2022	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2023	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2024	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2025	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2026	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2027	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2028	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2029	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2030	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.4%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%
	2011-2020	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.8%	99.5%	98.1%	98.3%	97.0%	95.0%	96.5%	99.3%
	2021-2030	99.1%	99.4%	95.6%	98.2%	97.7%	98.5%	97.5%	99.3%	98.1%	98.3%	96.8%	95.0%	99.1%	99.3%

FMPA 2021 Load Forecast - Base Case - Ocala

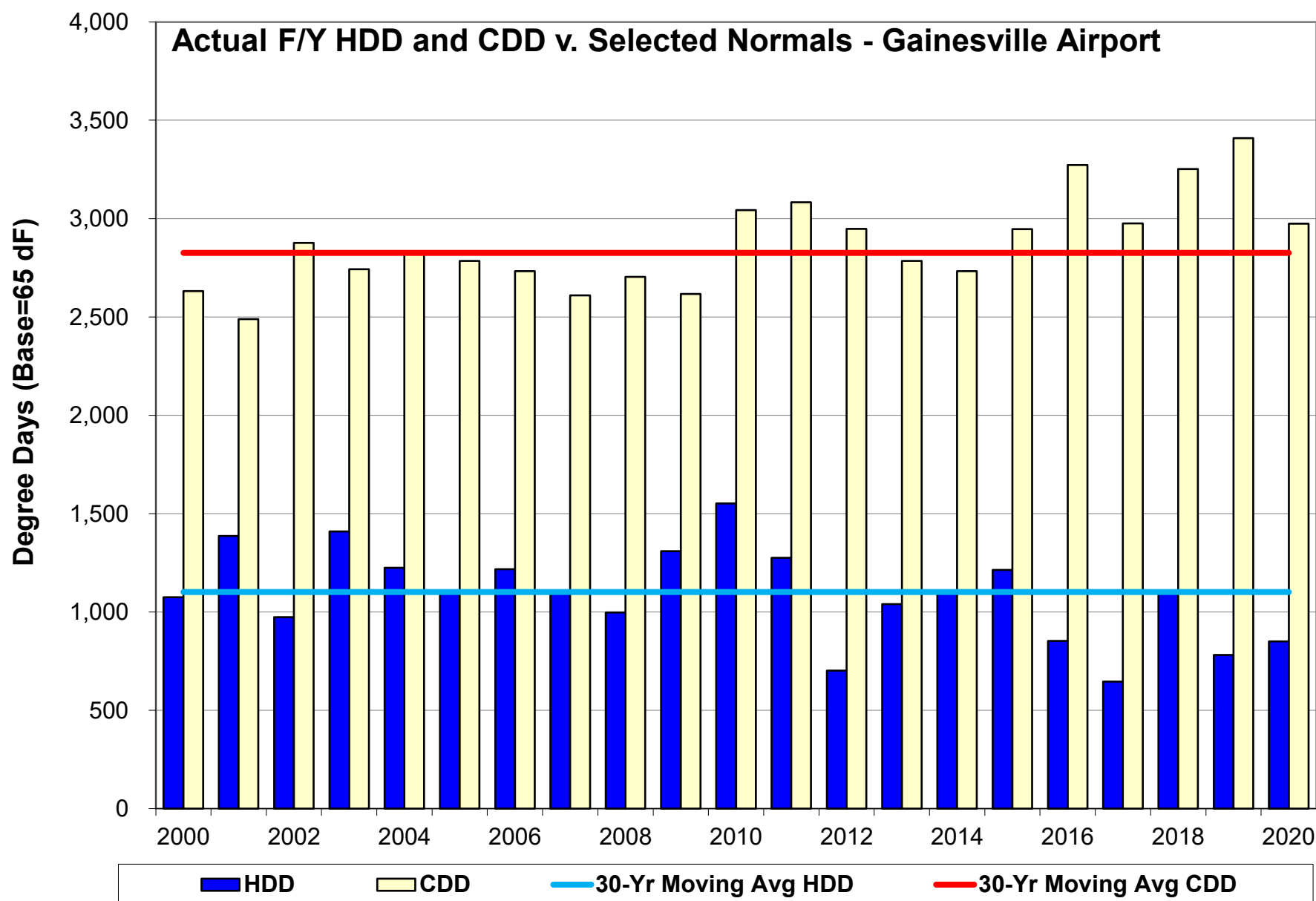
Historical and Projected - Energy Sales by Customer Class
(Fiscal Year 2011-2040)

		Residential						General Service Non-Demand						Industrial						Lights		City		TOTAL SALES		DISTR.		TOTAL NEL			
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	LOSSES		(MWh)	% Chg
																												(MWh)	(%)		
Historical	Fiscal Year	2011	523,603		39,663		13,201		167,759		7,242		23.2		554,408		1,009		549		12,460		13,122		1,271,352		30,922	2.4%	1,302,274		
	2012	471,445	-10.0%	40,083	1.1%	11,762	-10.9%	158,200	-5.7%	6,984	-3.6%	22.7	-2.2%	529,949	-4.4%	1,008	-0.1%	526	-4.3%	12,541	0.6%	13,024	-0.7%	1,185,159	-6.8%	45,400	3.7%	1,230,559	-5.5%		
	2013	478,340	1.5%	40,173	0.2%	11,907	1.2%	158,730	0.3%	7,165	2.6%	22.2	-2.2%	533,600	0.7%	1,000	-0.8%	534	1.5%	12,775	1.9%	13,192	1.3%	1,196,637	1.0%	41,830	3.4%	1,238,467	0.6%		
	2014	490,714	2.6%	40,231	0.1%	12,197	2.4%	165,155	4.0%	7,249	1.2%	22.8	2.9%	523,308	-1.9%	963	-3.7%	543	1.8%	11,874	-7.1%	23,046	74.7%	1,214,097	1.5%	49,237	3.9%	1,263,334	2.0%		
	2015	510,914	4.1%	40,906	1.7%	12,490	2.4%	169,061	2.4%	7,365	1.6%	23.0	0.8%	528,839	1.1%	990	2.8%	534	-1.7%	12,150	2.3%	23,894	3.7%	1,244,858	2.5%	49,913	3.9%	1,294,771	2.5%		
	2016	532,510	4.2%	41,183	0.7%	12,930	3.5%	167,558	-0.9%	7,410	0.6%	22.6	-1.5%	562,681	6.4%	1,017	2.7%	553	3.6%	12,030	-1.0%	24,924	4.3%	1,299,703	4.4%	36,796	2.8%	1,336,499	3.2%		
	2017	507,466	-4.7%	41,585	1.0%	12,203	-5.6%	160,633	-4.1%	7,461	0.7%	21.5	-4.8%	556,672	-1.1%	1,041	2.4%	535	-3.4%	12,217	1.6%	24,783	-0.6%	1,261,771	-2.9%	34,639	2.7%	1,296,410	3.0%		
	2018	520,318	2.5%	41,941	0.9%	12,406	1.7%	160,227	-0.3%	7,532	1.0%	21.3	-1.2%	556,977	0.1%	1,061	1.8%	525	-1.7%	12,452	1.9%	23,850	-3.8%	1,273,823	1.0%	54,310	4.1%	1,328,133	2.4%		
	2019	541,137	4.0%	42,614	1.6%	12,699	2.4%	168,516	5.2%	7,693	2.1%	21.9	3.0%	566,333	1.7%	990	-6.6%	572	8.9%	12,939	3.9%	24,293	1.9%	1,313,218	3.1%	42,897	3.2%	1,356,115	2.1%		
	2020	553,147	2.2%	43,036	1.0%	12,853	1.2%	168,127	-0.2%	7,790	1.3%	21.6	-1.5%	547,107	-3.4%	925	-6.6%	591	3.4%	13,072	1.0%	24,503	0.9%	1,305,956	-0.6%	44,562	3.3%	1,350,518	-0.4%		
Projected	2021	558,017	0.9%	43,685	1.5%	12,774	-0.6%	169,145	0.6%	7,813	0.3%	21.7	0.3%	548,141	0.2%	941	1.7%	582	-1.5%	13,072	0.0%	24,853	1.4%	1,313,228	0.6%	47,464	3.5%	1,360,693	0.8%		
	2022	553,543	-0.8%	44,124	1.0%	12,545	-1.8%	170,777	1.0%	7,868	0.7%	21.7	0.3%	564,945	3.1%	957	1.6%	591	1.4%	13,072	0.0%	24,800	-0.2%	1,327,138	1.1%	47,787	3.5%	1,374,925	1.0%		
	2023	551,648	-0.3%	44,532	0.9%	12,388	-1.3%	173,091	1.4%	7,923	0.7%	21.8	0.6%	578,024	2.3%	972	1.6%	595	0.7%	13,072	0.0%	24,767	-0.1%	1,340,601	1.0%	48,249	3.5%	1,388,851	1.0%		
	2024	547,151	-0.8%	44,916	0.9%	12,182	-1.7%	175,331	1.3%	7,976	0.7%	22.0	0.6%	590,097	2.1%	987	1.5%	598	0.6%	13,072	0.0%	24,731	-0.1%	1,350,382	0.7%	54,641	3.9%	1,405,023	1.2%		
	2025	545,226	-0.4%	45,280	0.8%	12,041	-1.2%	177,457	1.2%	8,026	0.6%	22.1	0.6%	598,497	1.4%	1,001	1.5%	598	-0.1%	13,072	0.0%	24,693	-0.2%	1,358,945	0.6%	48,895	3.5%	1,407,840	0.2%		
	2026	545,505	0.1%	45,623	0.8%	11,957	-0.7%	179,518	1.2%	8,073	0.6%	22.2	0.6%	604,580	1.0%	1,016	1.4%	595	-0.4%	13,072	0.0%	24,667	-0.1%	1,367,342	0.6%	49,196	3.5%	1,416,538	0.6%		
	2027	546,810	0.2%	45,939	0.7%	11,903	-0.5%	181,494	1.1%	8,118	0.6%	22.4	0.5%	609,670	0.8%	1,030	1.4%	592	-0.5%	13,072	0.0%	24,771	0.4%	1,375,818	0.6%	49,505	3.5%	1,425,323	0.6%		
	2028	549,031	0.4%	46,243	0.7%	11,873	-0.3%	183,439	1.1%	8,162	0.5%	22.5	0.5%	614,676	0.8%	1,044	1.4%	589	-0.5%	13,072	0.0%	24,942	0.7%	1,385,160	0.7%	56,048	3.9%	1,441,208	1.1%		
	2029	551,895	0.5%	46,535	0.6%	11,860	-0.1%	185,397	1.1%	8,206	0.5%	22.6	0.5%	619,962	0.9%	1,058	1.3%	586	-0.5%	13,072	0.0%	25,113	0.7%	1,395,438	0.7%	50,221	3.5%	1,445,659	0.3%		
	2030	555,095	0.6%	46,815	0.6%	11,857	0.0%	187,377	1.1%	8,249	0.5%	22.7	0.5%	625,643	0.9%	1,072	1.3%	584	-0.4%	13,072	0.0%	25,283	0.7%	1,406,470	0.8%	50,623	3.5%	1,457,092	0.8%		
	2031	558,628	0.6%	47,075	0.6%	11,867	0.1%	189,323	1.0%	8,291	0.5%	22.8	0.5%	631,341	0.9%	1,086	1.3%	581	-0.4%	13,072	0.0%	25,457	0.7%	1,417,821	0.8%	51,031	3.5%	1,468,852	0.8%		
	2032	562,206	0.6%	47,308	0.5%	11,884	0.1%	191,222	1.0%	8,332	0.5%	22.9	0.5%	637,031	0.9%	1,099	1.2%	579	-0.3%	13,072	0.0%	25,686	0.9%	1,429,217	0.8%	57,840	3.9%	1,487,057	1.2%		
	2033	565,754	0.6%	47,531	0.5%	11,903	0.2%	193,116	1.0%	8,373	0.5%	23.1	0.5%	642,886	0.9%	1,113	1.2%	578	-0.3%	13,072	0.0%	25,947	1.0%	1,440,776	0.8%	51,859	3.5%	1,492,635	0.4%		
	2034	569,127	0.6%	47,746	0.5%	11,920	0.1%	194,952	1.0%	8,411	0.5%	23.2	0.5%	648,771	0.9%	1,126	1.2%	576	-0.3%	13,072	0.0%	26,209	1.0%	1,452,131	0.8%	52,269	3.5%	1,504,400	0.8%		
	2035	572,621	0.6%	47,956	0.4%	11,941	0.2%	196,765	0.9%	8,449	0.4%	23.3	0.5%	654,777	0.9%	1,140	1.2%	574	-0.3%	13,072	0.0%	26,472	1.0%	1,463,706	0.8%	52,688	3.5%	1,516,394	0.8%		
	2036	576,015	0.6%	48,155	0.4%	11,962	0.2%	198,577	0.9%	8,487	0.4%	23.4	0.5%	660,846	0.9%	1,153	1.2%	573	-0.3%	13,072	0.0%	26,732	1.0%	1,475,242	0.8%	59,706	3.9%	1,534,948	1.2%		
	2037	579,201	0.6%	48,340	0.4%	11,982	0.2%	200,344	0.9%	8,523	0.4%	23.5	0.5%	666,729	0.9%	1,167	1.2%	572	-0.3%	13,072	0.0%	26,967	0.9%	1,486,314	0.8%	53,500	3.5%	1,539,814	0.3%		
	2038	582,577	0.6%	48,521	0.4%	12,007	0.2%	202,096	0.9%	8,558	0.4%	23.6	0.5%	672,481	0.9%	1,180	1.1%	570	-0.3%	13,072	0.0%	27,191	0.8%	1,497,418	0.7%	53,902	3.5%	1,551,320	0.7%		
	2039	586,458	0.7%	48,699	0.4%	12,042	0.3%	203,862	0.9%	8,594	0.4%	23.7	0.5%	678,181	0.8%	1,193	1.1%	568	-0.3%	13,072	0.0%	27,416	0.8%	1,508,988	0.8%	54,320	3.5%	1,563,308	0.8%		
	2040	590,357	0.7%	48,876	0.4%	12,079	0.3%	205,636	0.9%	8,629	0.4%	23.8	0.5%	683,822	0.8%	1,206	1.1%	567	-0.3%	13,072	0.0%	27,641	0.8%	1,520,528	0.8%	61,540	3.9%	1,582,068	1.2%		
CAGR	2011-2020		0.6%		0.9%		-0.3%		0.0%		0.8%		-0.8%		-0.1%		-1.0%		0.8%		0.5%		7.2%		0.3%		3.3%		0.4%		
	2021-2030		-0.1%		0.8%		-0.8%		1.1%		0.6%		0.5%		1.5%		1.5%		0.0%		0.0%		0.2%		0.8%		3.6%		0.8%		
	2031-2040		0.6%		0.4%		0.2%		0.9%		0.4%		0.5%		0.9%		1.2%		-0.3%		0.0%		0.9%		0.8%		3.6%		0.8%		

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Ocala (Marion County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	260.2	-	107.4	-	113.4	-	10.73	-	6,286	-	7,784	-	72,473	-
2001	264.6	1.7%	111.2	3.5%	111.5	-1.7%	10.13	-5.6%	6,479	3.1%	8,055	3.5%	72,469	0.0%
2002	271.7	2.7%	113.7	2.3%	114.4	2.6%	9.57	-5.5%	6,787	4.8%	8,132	0.9%	71,504	-1.3%
2003	280.1	3.1%	117.7	3.5%	119.8	4.7%	9.61	0.4%	7,201	6.1%	8,485	4.3%	72,076	0.8%
2004	291.2	4.0%	121.5	3.2%	126.0	5.2%	9.90	3.1%	7,617	5.8%	9,011	6.2%	74,189	2.9%
2005	303.6	4.3%	126.4	4.1%	134.6	6.8%	10.24	3.4%	8,299	9.0%	9,790	8.6%	77,441	4.4%
2006	316.3	4.2%	131.2	3.8%	143.1	6.3%	10.52	2.7%	9,319	12.3%	10,560	7.9%	80,482	3.9%
2007	325.6	2.9%	135.5	3.2%	145.9	1.9%	10.11	-3.9%	9,453	1.4%	10,769	2.0%	79,491	-1.2%
2008	330.1	1.4%	136.5	0.7%	140.8	-3.5%	8.74	-13.5%	9,041	-4.4%	10,558	-2.0%	77,366	-2.7%
2009	330.9	0.3%	136.1	-0.3%	131.5	-6.6%	7.05	-19.3%	8,328	-7.9%	10,233	-3.1%	75,182	-2.8%
2010	331.3	0.1%	137.8	1.2%	128.6	-2.2%	6.80	-3.6%	8,110	-2.6%	10,411	1.7%	75,563	0.5%
2011	332.3	0.3%	139.2	1.0%	129.8	1.0%	6.85	0.8%	7,840	-3.3%	10,571	1.5%	75,943	0.5%
2012	333.9	0.5%	141.2	1.4%	132.0	1.7%	7.21	5.2%	7,785	-0.7%	10,617	0.4%	75,188	-1.0%
2013	335.1	0.4%	143.3	1.5%	134.6	2.0%	7.51	4.1%	7,939	2.0%	10,335	-2.7%	72,131	-4.1%
2014	338.1	0.9%	144.8	1.1%	138.7	3.0%	7.80	3.9%	8,089	1.9%	10,721	3.7%	74,044	2.7%
2015	342.3	1.3%	146.8	1.4%	142.0	2.4%	8.15	4.5%	8,567	5.9%	11,157	4.1%	75,982	2.6%
2016	347.8	1.6%	148.7	1.3%	146.4	3.1%	8.49	4.2%	9,225	7.7%	11,528	3.3%	77,516	2.0%
2017	353.7	1.7%	149.8	0.7%	150.6	2.9%	8.74	2.9%	9,271	0.5%	11,927	3.5%	79,622	2.7%
2018	360.0	1.8%	152.0	1.5%	154.3	2.4%	9.25	5.8%	9,582	3.4%	12,315	3.3%	81,020	1.8%
2019	364.9	1.4%	155.0	2.0%	157.3	1.9%	9.32	0.7%	9,791	2.2%	12,723	3.3%	82,083	1.3%
2020	370.2	1.5%	158.2	2.1%	160.0	1.8%	9.32	0.0%	9,987	2.0%	13,133	3.2%	82,996	1.1%
2021	375.5	1.4%	161.4	2.0%	162.9	1.8%	9.35	0.4%	10,199	2.1%	13,554	3.2%	83,984	1.2%
2022	380.6	1.4%	164.3	1.8%	166.0	1.8%	9.34	-0.1%	10,407	2.0%	13,979	3.1%	85,067	1.3%
2023	385.8	1.4%	167.1	1.7%	168.9	1.8%	9.36	0.2%	10,611	2.0%	14,410	3.1%	86,224	1.4%
2024	391.0	1.4%	169.8	1.6%	171.7	1.6%	9.38	0.2%	10,810	1.9%	14,849	3.0%	87,442	1.4%
2025	396.3	1.3%	172.4	1.5%	174.4	1.6%	9.38	0.1%	11,010	1.9%	15,294	3.0%	88,716	1.5%
2026	401.2	1.2%	174.8	1.4%	177.0	1.5%	9.39	0.1%	11,202	1.7%	15,735	2.9%	90,040	1.5%
2027	406.0	1.2%	177.1	1.3%	179.5	1.4%	9.39	0.0%	11,395	1.7%	16,183	2.9%	91,406	1.5%
2028	410.9	1.2%	179.3	1.3%	182.1	1.4%	9.39	0.0%	11,588	1.7%	16,640	2.8%	92,815	1.5%
2029	415.8	1.2%	181.4	1.2%	184.7	1.4%	9.40	0.0%	11,781	1.7%	17,105	2.8%	94,277	1.6%
2030	420.7	1.2%	183.5	1.1%	187.3	1.4%	9.40	0.0%	11,976	1.7%	17,578	2.8%	95,790	1.6%
2031	425.2	1.1%	185.3	1.0%	189.8	1.3%	9.40	0.0%	12,159	1.5%	18,039	2.6%	97,344	1.6%
2032	429.6	1.0%	187.1	0.9%	192.3	1.3%	9.40	0.0%	12,342	1.5%	18,508	2.6%	98,942	1.6%
2033	434.0	1.0%	188.8	0.9%	194.8	1.3%	9.39	0.0%	12,527	1.5%	18,985	2.6%	100,579	1.7%
2034	438.4	1.0%	190.4	0.9%	197.2	1.2%	9.39	0.0%	12,713	1.5%	19,469	2.6%	102,249	1.7%
2035	442.8	1.0%	192.0	0.9%	199.7	1.2%	9.39	0.0%	12,901	1.5%	19,962	2.5%	103,954	1.7%
2036	446.9	0.9%	193.5	0.8%	202.1	1.2%	9.38	-0.1%	13,082	1.4%	20,451	2.4%	105,688	1.7%
2037	450.9	0.9%	194.9	0.7%	204.4	1.2%	9.38	-0.1%	13,265	1.4%	20,947	2.4%	107,448	1.7%
2038	455.0	0.9%	196.4	0.7%	206.8	1.2%	9.37	-0.1%	13,449	1.4%	21,451	2.4%	109,234	1.7%
2039	459.0	0.9%	197.8	0.7%	209.2	1.2%	9.37	-0.1%	13,635	1.4%	21,963	2.4%	111,039	1.7%
2040	463.0	0.9%	199.2	0.7%	211.6	1.1%	9.36	-0.1%	13,822	1.4%	22,483	2.4%	112,849	1.6%
Average Percent Change														
2010-2020	1.1%		1.4%		2.2%		3.2%		2.1%		2.3%		0.9%	
2021-2030	1.3%		1.4%		1.6%		0.1%		1.8%		2.9%		1.5%	
2031-2040	1.0%		0.8%		1.2%		0.0%		1.4%		2.5%		1.7%	



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FMPA 2021 Load Forecast - Base Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	75,725	-	72,658	-	-4.1%	16.1	-	16.2	-	0.5%	13.0	-	14.2		9.7%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-5.9%	14.1	-13.1%	-7.2%	14.7	13.1%	13.4	-6.1%	-8.9%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	12.7	-16.2%	13.2	-6.3%	3.7%	15.1	2.7%	15.3	14.6%	1.6%
	2014	69,954	1.9%	70,429	1.8%	0.7%	13.7	7.9%	14.5	10.2%	5.9%	15.2	1.1%	15.5	1.1%	1.6%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	10.7%	15.5	6.6%	2.0%	15.6	2.0%	16.4	6.0%	5.6%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	12.5	-17.9%	14.7	-4.7%	18.3%	15.5	-0.5%	15.4	-6.3%	-0.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	11.4	-8.4%	13.8	-6.6%	20.7%	14.1	-8.9%	15.1	-2.1%	6.8%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.4	44.1%	16.0	16.2%	-2.7%	15.2	7.7%	14.9	-1.4%	-2.3%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	11.0	-32.9%	14.8	-7.7%	33.7%	14.7	-3.6%	14.9	0.2%	1.5%
	2020	68,514	-3.6%	68,729	0.3%	0.3%	11.3	2.7%	14.5	-1.7%	28.0%	14.1	-4.0%	15.2	2.0%	7.8%
Projected	2021	67,958	-0.8%	67,958	-1.1%		13.6	19.9%	13.6	-6.4%		14.1	0.1%	14.1	-7.2%	
	2022			68,702	1.1%				13.8	1.3%				14.2	1.0%	
	2023			69,347	0.9%				13.9	0.8%				14.4	1.0%	
	2024			70,253	1.3%				14.0	0.7%				14.5	1.1%	
	2025			70,748	0.7%				14.2	1.3%				14.6	0.7%	
	2026			71,088	0.5%				14.2	0.6%				14.7	0.4%	
	2027			71,251	0.2%				14.3	0.3%				14.7	0.2%	
	2028			71,460	0.3%				14.2	-0.2%				14.7	0.1%	
	2029			71,400	-0.1%				14.3	0.5%				14.7	0.1%	
	2030			71,447	0.1%				14.3	0.1%				14.8	0.1%	
	2031			71,501	0.1%				14.3	0.1%				14.8	0.1%	
	2032			71,678	0.2%				14.3	-0.3%				14.8	0.1%	
	2033			71,640	-0.1%				14.4	0.5%				14.8	0.1%	
	2034			71,735	0.1%				14.4	0.1%				14.8	0.1%	
	2035			71,806	0.1%				14.4	0.1%				14.8	0.1%	
	2036			71,960	0.2%				14.4	-0.3%				14.8	0.0%	
	2037			71,871	-0.1%				14.4	0.4%				14.8	0.1%	
	2038			71,937	0.1%				14.4	0.1%				14.9	0.1%	
	2039			72,026	0.1%				14.4	0.1%				14.9	0.1%	
	2040			72,233	0.3%				14.4	-0.2%				14.9	0.1%	
CAGR ^[3]	2011-2020		-1.1%		-0.6%			-3.8%		-1.2%			0.9%		0.7%	
	2021-2030				0.6%					0.6%					0.5%	
	2031-2040				0.1%					0.1%					0.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Starke

2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	75,725	-	75,725	-	16.8	16.0	16.8	16.0	16.1	13.0	16.1	13.0
	2012	69,269	-8.5%	69,269	-8.5%	15.1	14.9	15.1	14.9	15.1	14.7	15.1	14.7
	2013	68,678	-0.9%	68,678	-0.9%	13.5	15.2	13.5	15.2	12.7	15.1	12.7	15.1
	2014	69,954	1.9%	69,954	1.9%	15.0	15.3	15.0	15.3	13.7	15.2	13.7	15.2
	2015	71,692	2.5%	71,692	2.5%	15.2	15.7	15.2	15.7	15.2	15.6	15.2	15.6
	2016	73,334	2.3%	73,334	2.3%	14.5	15.6	14.5	15.6	12.5	15.5	12.5	15.5
	2017	70,003	-4.5%	70,003	-4.5%	14.4	15.3	14.4	15.3	11.4	14.1	11.4	14.1
	2018	71,738	2.5%	71,738	2.5%	16.5	15.2	16.5	15.2	16.4	15.2	16.4	15.2
	2019	71,042	-1.0%	71,042	-1.0%	13.7	15.2	13.7	15.2	11.0	14.7	11.0	14.7
	2020	68,514	-3.6%	69,159	-2.7%	13.2	14.8	14.5	14.9	11.3	14.1	13.9	14.2
Projected	2021	67,958	-0.8%	69,171	0.0%	14.1	14.8	14.5	15.0	13.6	14.1	14.0	14.3
	2022	68,702	1.1%	69,591	0.6%	14.3	15.0	14.6	15.1	13.8	14.2	14.1	14.4
	2023	69,347	0.9%	70,073	0.7%	14.4	15.1	14.7	15.2	13.9	14.4	14.2	14.5
	2024	70,253	1.3%	70,672	0.9%	14.5	15.3	14.8	15.3	14.0	14.5	14.2	14.6
	2025	70,748	0.7%	71,078	0.6%	14.7	15.4	14.9	15.4	14.2	14.6	14.4	14.7
	2026	71,088	0.5%	71,556	0.7%	14.8	15.4	15.0	15.5	14.2	14.7	14.5	14.8
	2027	71,251	0.2%	71,931	0.5%	14.8	15.5	15.1	15.6	14.3	14.7	14.6	14.8
	2028	71,460	0.3%	72,362	0.6%	14.8	15.5	15.1	15.6	14.2	14.7	14.6	14.9
	2029	71,400	-0.1%	72,530	0.2%	14.9	15.5	15.2	15.7	14.3	14.7	14.7	15.0
	2030	71,447	0.1%	72,799	0.4%	14.9	15.5	15.3	15.8	14.3	14.8	14.7	15.0
	2031	71,501	0.1%	73,047	0.3%	14.9	15.5	15.4	15.8	14.3	14.8	14.8	15.1
	2032	71,678	0.2%	73,396	0.5%	14.8	15.5	15.3	15.9	14.3	14.8	14.8	15.1
	2033	71,640	-0.1%	73,522	0.2%	14.9	15.6	15.5	15.9	14.4	14.8	14.9	15.2
	2034	71,735	0.1%	73,762	0.3%	14.9	15.6	15.5	16.0	14.4	14.8	14.9	15.2
	2035	71,806	0.1%	73,980	0.3%	14.9	15.6	15.5	16.0	14.4	14.8	15.0	15.3
	2036	71,960	0.2%	74,291	0.4%	14.9	15.6	15.5	16.0	14.4	14.8	15.0	15.3
	2037	71,871	-0.1%	74,347	0.1%	15.0	15.6	15.6	16.1	14.4	14.8	15.0	15.3
	2038	71,937	0.1%	74,535	0.3%	15.0	15.6	15.7	16.1	14.4	14.9	15.1	15.4
	2039	72,026	0.1%	74,734	0.3%	15.0	15.6	15.7	16.2	14.4	14.9	15.1	15.4
	2040	72,233	0.3%			15.0	15.7			14.4	14.9		
CAGR ^[1]	Historical		-1.1%		-0.8%	-2.7%	-0.9%	-2.6%	-0.7%	-3.6%	-0.5%	-4.4%	0.0%
	1st 10 Prj Yrs		0.6%		0.5%	0.6%	0.5%	0.6%	0.6%	0.6%	0.5%	0.6%	0.6%
	2nd 10 Prj Yrs		0.1%		0.3%	0.1%	0.1%	0.3%	0.3%	0.1%	0.1%	0.3%	0.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case

Starke

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	75,725	-	72,658	-	-4.1%	16.1	-	16.2	-	0.5%	13.0	-	14.2		9.7%
	2012	69,269	-8.5%	70,186	-3.4%	1.3%	15.1	-5.9%	14.1	-13.1%	-7.2%	14.7	13.1%	13.4	-6.1%	-8.9%
	2013	68,678	-0.9%	69,175	-1.4%	0.7%	12.7	-16.2%	13.2	-6.3%	3.7%	15.1	2.7%	15.3	14.6%	1.6%
	2014	69,954	1.9%	70,429	1.8%	0.7%	13.7	7.9%	14.5	10.2%	5.9%	15.2	1.1%	15.5	1.1%	1.6%
	2015	71,692	2.5%	70,430	0.0%	-1.8%	15.2	10.7%	15.5	6.6%	2.0%	15.6	2.0%	16.4	6.0%	5.6%
	2016	73,334	2.3%	71,519	1.5%	-2.5%	12.5	-17.9%	14.7	-4.7%	18.3%	15.5	-0.5%	15.4	-6.3%	-0.6%
	2017	70,003	-4.5%	70,881	-0.9%	1.3%	11.4	-8.4%	13.8	-6.6%	20.7%	14.1	-8.9%	15.1	-2.1%	6.8%
	2018	71,738	2.5%	69,129	-2.5%	-3.6%	16.4	44.1%	16.0	16.2%	-2.7%	15.2	7.7%	14.9	-1.4%	-2.3%
	2019	71,042	-1.0%	68,508	-0.9%	-3.6%	11.0	-32.9%	14.8	-7.7%	33.7%	14.7	-3.6%	14.9	0.2%	1.5%
	2020	68,514	-3.6%	68,866	0.5%	0.5%	11.3	2.7%	14.5	-1.7%	28.0%	14.1	-4.0%	15.2	2.0%	7.8%
Projected	2021	67,927	-0.9%	67,927	-1.4%		13.6	19.9%	13.6	-6.4%		14.1	0.0%	14.1	-7.2%	
	2022			68,656	1.1%				13.8	1.3%				14.2	1.0%	
	2023			69,287	0.9%				13.9	0.8%				14.4	1.0%	
	2024			70,176	1.3%				14.0	0.7%				14.5	1.1%	
	2025			70,653	0.7%				14.2	1.3%				14.6	0.7%	
	2026			70,970	0.4%				14.2	0.6%				14.7	0.3%	
	2027			71,105	0.2%				14.3	0.3%				14.7	0.1%	
	2028			71,286	0.3%				14.2	-0.2%				14.7	0.1%	
	2029			71,197	-0.1%				14.3	0.5%				14.7	0.0%	
	2030			71,214	0.0%				14.3	0.1%				14.7	0.0%	
	2031			71,248	0.0%				14.3	0.1%				14.7	0.0%	
	2032			71,403	0.2%				14.3	-0.3%				14.7	0.1%	
	2033			71,344	-0.1%				14.4	0.5%				14.7	0.1%	
	2034			71,453	0.2%				14.4	0.1%				14.8	0.2%	
	2035			71,501	0.1%				14.4	0.1%				14.8	0.0%	
	2036			71,637	0.2%				14.4	-0.3%				14.8	0.0%	
	2037			71,522	-0.2%				14.4	0.4%				14.8	0.0%	
	2038			71,561	0.1%				14.4	0.1%				14.8	0.1%	
	2039			71,632	0.1%				14.4	0.1%				14.8	0.1%	
	2040			71,821	0.3%				14.4	-0.2%				14.8	0.1%	
CAGR ^[3]	2011-2020		-1.1%		-0.6%			-3.8%		-1.2%			0.9%		0.7%	
	2021-2030				0.5%					0.6%					0.5%	
	2031-2040				0.1%					0.1%					0.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Base Case
Starke
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	6,378	5,077	5,152	5,612	6,503	7,214	7,448	7,965	6,690	5,335	4,917	5,188	73,481	75,725
	2012	5,543	4,782	5,162	5,262	6,236	6,296	7,226	6,868	6,454	5,647	4,927	5,288	69,690	69,269
	2013	5,104	4,768	5,291	5,058	5,657	6,574	6,705	7,159	6,501	5,654	4,878	5,181	68,528	68,678
	2014	6,373	4,827	5,084	5,043	5,941	6,516	7,006	7,176	6,275	5,474	5,154	5,360	70,229	69,954
	2015	5,736	5,304	5,191	5,407	6,308	6,955	7,191	7,160	6,452	5,582	5,323	5,389	71,998	71,692
	2016	5,989	5,322	5,174	5,079	6,196	7,123	7,764	7,606	6,788	5,591	4,878	5,173	72,683	73,334
	2017	5,333	4,520	5,235	5,463	6,392	6,510	7,282	7,424	6,200	6,081	4,801	5,454	70,696	70,003
	2018	6,766	4,624	5,020	4,894	5,984	6,831	6,878	7,318	7,088	6,000	5,018	5,285	71,705	71,738
	2019	5,619	4,449	4,858	5,076	6,647	6,825	7,041	7,436	6,788	6,018	4,788	5,063	70,608	71,042
	2020	5,321	4,821	5,290	4,769	5,561	6,336	7,177	7,135	6,235	5,510	4,652	5,252	68,060	68,514
Projected	2021	5,486	4,600	4,938	4,867	5,830	6,407	7,017	7,031	6,336	5,487	4,759	5,329	68,087	67,927
	2022	5,550	4,653	5,008	4,920	5,894	6,473	7,084	7,098	6,401	5,537	4,803	5,375	68,797	68,656
	2023	5,591	4,689	5,049	4,969	5,952	6,533	7,153	7,168	6,467	5,603	4,861	5,436	69,471	69,287
	2024	5,647	4,857	5,114	5,024	6,022	6,611	7,222	7,241	6,538	5,658	4,912	5,492	70,339	70,176
	2025	5,699	4,784	5,160	5,069	6,072	6,662	7,274	7,290	6,581	5,694	4,941	5,523	70,749	70,653
	2026	5,729	4,808	5,184	5,091	6,097	6,687	7,300	7,315	6,602	5,710	4,954	5,538	71,012	70,970
	2027	5,743	4,819	5,193	5,100	6,107	6,697	7,311	7,325	6,610	5,716	4,959	5,545	71,124	71,105
	2028	5,750	4,943	5,198	5,103	6,112	6,702	7,316	7,330	6,614	5,719	4,961	5,549	71,296	71,286
	2029	5,755	4,827	5,199	5,105	6,114	6,704	7,318	7,332	6,615	5,720	4,961	5,551	71,200	71,197
	2030	5,757	4,829	5,200	5,105	6,115	6,705	7,320	7,334	6,617	5,722	4,963	5,554	71,222	71,214
Projected	2031	5,761	4,833	5,202	5,107	6,118	6,708	7,323	7,337	6,619	5,724	4,964	5,557	71,254	71,248
	2032	5,765	4,955	5,204	5,109	6,120	6,711	7,328	7,342	6,623	5,728	4,967	5,562	71,414	71,403
	2033	5,771	4,840	5,208	5,112	6,125	6,717	7,335	7,349	6,630	5,736	4,974	5,571	71,368	71,344
	2034	5,780	4,848	5,216	5,120	6,134	6,727	7,347	7,361	6,639	5,741	4,978	5,576	71,467	71,453
	2035	5,787	4,853	5,219	5,122	6,137	6,731	7,350	7,364	6,642	5,743	4,979	5,579	71,507	71,501
	2036	5,790	4,974	5,220	5,123	6,138	6,732	7,351	7,365	6,642	5,742	4,978	5,579	71,636	71,637
	2037	5,790	4,856	5,220	5,123	6,139	6,732	7,353	7,367	6,644	5,743	4,979	5,582	71,527	71,522
	2038	5,794	4,859	5,222	5,125	6,142	6,736	7,358	7,372	6,648	5,748	4,983	5,589	71,577	71,561
	2039	5,802	4,865	5,227	5,129	6,147	6,742	7,366	7,380	6,654	5,753	4,987	5,595	71,647	71,632
	2040	5,808	4,990	5,231	5,133	6,153	6,749	7,373	7,388	6,661	5,758	4,992	5,602	71,837	71,821

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.7%	6.9%	7.0%	7.6%	8.9%	9.8%	10.1%	10.8%	9.1%	7.3%	6.7%	7.1%	100.0%
	2012	8.0%	6.9%	7.4%	7.5%	8.9%	9.0%	10.4%	9.9%	9.3%	8.1%	7.1%	7.6%	100.0%
	2013	7.4%	7.0%	7.7%	7.4%	8.3%	9.6%	9.8%	10.4%	9.5%	8.3%	7.1%	7.6%	100.0%
	2014	9.1%	6.9%	7.2%	7.2%	8.5%	9.3%	10.0%	10.2%	8.9%	7.8%	7.3%	7.6%	100.0%
	2015	8.0%	7.4%	7.2%	7.5%	8.8%	9.7%	10.0%	9.9%	9.0%	7.8%	7.4%	7.5%	100.0%
	2016	8.2%	7.3%	7.1%	7.0%	8.5%	9.8%	10.7%	10.5%	9.3%	7.7%	6.7%	7.1%	100.0%
	2017	7.5%	6.4%	7.4%	7.7%	9.0%	9.2%	10.3%	10.5%	8.8%	8.6%	6.8%	7.7%	100.0%
	2018	9.4%	6.4%	7.0%	6.8%	8.3%	9.5%	9.6%	10.2%	9.9%	8.4%	7.0%	7.4%	100.0%
	2019	8.0%	6.3%	6.9%	7.2%	9.4%	9.7%	10.0%	10.5%	9.6%	8.5%	6.8%	7.2%	100.0%
	2020	7.8%	7.1%	7.8%	7.0%	8.2%	9.3%	10.5%	10.5%	9.2%	8.1%	6.8%	7.7%	100.0%
Projected	2021	8.1%	6.8%	7.3%	7.1%	8.6%	9.4%	10.3%	10.3%	9.3%	8.1%	7.0%	7.8%	100.0%
	2022	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2023	8.0%	6.7%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.1%	7.0%	7.8%	100.0%
	2024	8.0%	6.9%	7.3%	7.1%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2025	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2026	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2027	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2028	8.1%	6.9%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2029	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
	2030	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%
Avg.	2011-2020	8.2%	6.9%	7.3%	7.3%	8.7%	9.5%	10.1%	10.3%	9.3%	8.0%	7.4%	7.4%	100.0%
	2021-2030	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.3%	9.3%	8.0%	7.0%	7.8%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12

FMPA 2021 Load Forecast - Base Case
Starke
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	16.8	13.2	9.7	13.1	14.4	15.7	15.5	16.0	14.0	11.8	10.1	10.8	16.8	16.0
	2012	15.1	14.8	10.4	11.9	13.7	13.9	14.9	14.2	14.0	13.0	11.2	11.7	15.1	14.9
	2013	11.3	13.5	12.7	11.2	12.5	14.6	14.3	15.2	14.8	12.3	10.9	11.4	13.5	15.2
	2014	15.0	12.5	10.3	12.3	13.2	14.4	14.4	15.3	14.2	12.4	14.4	12.0	15.0	15.3
	2015	14.0	15.2	10.1	11.9	14.0	15.7	15.1	15.1	14.1	12.3	12.7	10.0	15.2	15.7
	2016	14.5	14.0	11.3	12.2	14.0	15.1	15.5	15.6	13.8	12.2	10.3	10.9	14.5	15.6
	2017	14.4	10.4	13.2	13.5	14.2	14.3	14.7	15.3	13.9	13.6	10.0	12.7	14.4	15.3
	2018	16.5	10.2	11.5	10.5	12.7	14.5	14.5	15.2	15.1	13.5	11.3	12.6	16.5	15.2
	2019	13.7	10.2	10.6	11.2	14.8	14.7	14.9	15.2	14.4	12.7	10.7	11.8	13.7	15.2
	2020	13.2	11.5	11.3	11.5	13.0	14.4	14.7	14.8	14.5	12.2	10.0	11.6	13.2	14.8
Projected	2021	14.1	12.6	10.6	11.5	13.2	14.2	14.4	14.8	13.8	12.2	10.1	11.8	14.1	14.8
	2022	14.3	12.7	10.8	11.6	13.4	14.3	14.6	14.9	14.0	12.3	10.2	11.9	14.3	14.9
	2023	14.4	12.8	10.9	11.7	13.5	14.5	14.7	15.1	14.1	12.4	10.2	12.0	14.4	15.1
	2024	14.5	12.9	10.9	11.8	13.7	14.6	14.9	15.3	14.3	12.6	10.4	12.1	14.5	15.3
	2025	14.7	13.1	11.1	11.9	13.8	14.7	15.0	15.4	14.4	12.7	10.4	12.2	14.7	15.4
	2026	14.8	13.2	11.1	12.0	13.8	14.8	15.0	15.4	14.4	12.7	10.5	12.2	14.8	15.4
	2027	14.8	13.2	11.2	12.0	13.8	14.8	15.1	15.4	14.4	12.7	10.4	12.2	14.8	15.4
	2028	14.8	13.2	11.1	12.0	13.8	14.8	15.1	15.4	14.4	12.7	10.5	12.2	14.8	15.4
	2029	14.9	13.3	11.2	12.0	13.8	14.8	15.1	15.4	14.4	12.7	10.5	12.2	14.9	15.4
	2030	14.9	13.3	11.2	12.0	13.8	14.8	15.1	15.5	14.4	12.7	10.5	12.3	14.9	15.5
Projected	2031	14.9	13.3	11.2	12.0	13.9	14.8	15.1	15.5	14.4	12.8	10.5	12.2	14.9	15.5
	2032	14.8	13.2	11.2	12.0	13.9	14.8	15.1	15.5	14.5	12.8	10.5	12.3	14.8	15.5
	2033	14.9	13.3	11.2	12.0	13.9	14.8	15.1	15.5	14.5	12.8	10.5	12.3	14.9	15.5
	2034	14.9	13.3	11.3	12.0	13.9	14.9	15.1	15.5	14.5	12.8	10.6	12.3	14.9	15.5
	2035	14.9	13.3	11.3	12.0	13.9	14.9	15.1	15.5	14.5	12.8	10.5	12.3	14.9	15.5
	2036	14.9	13.3	11.2	12.1	13.9	14.9	15.1	15.5	14.5	12.8	10.6	12.3	14.9	15.5
	2037	15.0	13.3	11.3	12.1	13.9	14.9	15.1	15.5	14.5	12.8	10.6	12.3	15.0	15.5
	2038	15.0	13.4	11.3	12.1	13.9	14.9	15.2	15.5	14.5	12.8	10.6	12.4	15.0	15.5
	2039	15.0	13.4	11.3	12.1	13.9	14.9	15.2	15.5	14.5	12.8	10.6	12.3	15.0	15.5
	2040	15.0	13.3	11.3	12.1	14.0	14.9	15.2	15.6	14.5	12.8	10.7	12.5	15.0	15.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.9%	57.3%	71.7%	59.5%	60.6%	63.7%	64.6%	66.8%	66.3%	60.8%	67.4%	64.8%	49.8%	53.9%
	2012	49.2%	46.4%	66.5%	61.3%	61.4%	63.1%	65.1%	65.1%	63.8%	58.5%	61.1%	60.6%	52.5%	53.0%
	2013	60.8%	52.5%	56.0%	63.0%	60.7%	62.4%	63.0%	63.2%	60.9%	61.9%	62.0%	61.1%	57.9%	51.5%
	2014	57.1%	57.6%	66.1%	56.7%	60.5%	63.0%	65.3%	63.0%	61.2%	59.2%	49.8%	60.0%	53.5%	52.2%
	2015	55.2%	52.1%	69.1%	63.1%	60.6%	61.6%	63.9%	63.9%	63.5%	60.8%	58.4%	72.6%	54.2%	52.2%
	2016	55.5%	54.6%	61.5%	57.6%	59.6%	65.6%	67.2%	65.4%	68.4%	61.7%	65.8%	64.0%	57.2%	53.6%
	2017	49.9%	64.9%	53.4%	56.3%	60.3%	63.0%	66.5%	65.3%	61.8%	60.2%	66.4%	57.8%	56.2%	52.3%
	2018	55.1%	67.2%	58.7%	64.9%	63.3%	65.5%	63.9%	64.7%	65.0%	59.7%	61.8%	56.4%	49.6%	53.9%
	2019	55.3%	65.0%	61.7%	63.1%	60.2%	64.7%	63.4%	65.8%	65.4%	63.6%	62.0%	57.8%	59.0%	53.4%
	2020	54.3%	60.2%	62.7%	57.6%	57.3%	61.2%	65.6%	64.6%	59.6%	60.6%	64.9%	60.7%	59.0%	52.7%
Projected	2021	52.3%	54.4%	62.4%	58.9%	59.2%	62.7%	65.3%	63.9%	63.6%	60.5%	65.5%	60.8%	55.1%	52.4%
	2022	52.2%	54.3%	62.5%	59.0%	59.2%	62.7%	65.3%	63.8%	63.7%	60.4%	65.6%	60.9%	55.0%	52.4%
	2023	52.2%	54.3%	62.5%	59.0%	59.2%	62.7%	65.3%	63.8%	63.7%	60.6%	65.9%	61.1%	55.1%	52.4%
	2024	52.3%	53.9%	62.9%	59.0%	59.3%	62.8%	65.2%	63.8%	63.7%	60.5%	65.7%	60.9%	55.4%	52.5%
	2025	52.1%	54.3%	62.6%	59.1%	59.4%	62.8%	65.2%	63.8%	63.7%	60.5%	65.7%	61.0%	55.0%	52.5%
	2026	52.1%	54.3%	62.5%	59.1%	59.4%	62.8%	65.2%	63.8%	63.7%	60.4%	65.7%	61.0%	54.9%	52.6%
	2027	52.1%	54.2%	62.5%	59.1%	59.4%	62.8%	65.2%	63.8%	63.7%	60.4%	65.9%	61.2%	54.8%	52.6%
	2028	52.3%	53.8%	62.7%	59.1%	59.4%	62.9%	65.2%	63.8%	63.7%	60.4%	65.7%	60.9%	55.1%	52.7%
	2029	52.1%	54.2%	62.4%	59.1%	59.4%	62.9%	65.2%	63.8%	63.7%	60.4%	65.6%	60.9%	54.7%	52.6%
	2030	52.1%	54.2%	62.4%	59.1%	59.4%	62.9%	65.2%	63.8%	63.7%	60.4%	65.6%	60.9%	54.7%	52.6%
Avg.	2011-2020	54.3%	57.8%	62.7%	60.3%	60.5%	63.3%	64.8%	64.8%	63.6%	60.7%	62.0%	61.6%	54.9%	52.9%
	2021-2030	52.2%	54.2%	62.5%	59.1%	59.3%	62.8%	65.2%	63.8%	63.7%	60.4%	65.7%	61.0%	55.0%	52.5%

FMPA 2021 Load Forecast - Base Case
Starke
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	16.1	12.4	9.2	13.1	14.2	15.3	14.9	13.0	13.6	11.8	10.1	8.6	16.1	13.0
	2012	15.1	14.5	9.6	11.7	13.1	13.7	14.7	12.3	12.5	13.0	8.7	11.7	15.1	14.7
	2013	11.3	13.2	12.7	11.1	12.0	13.9	14.1	15.1	14.8	12.3	9.4	8.8	12.7	15.1
	2014	13.7	12.5	8.9	12.3	13.0	13.8	13.3	15.2	13.8	11.5	14.4	11.7	13.7	15.2
	2015	14.0	15.2	10.0	11.7	13.8	15.6	14.1	15.1	13.7	12.2	12.5	9.9	15.2	15.6
	2016	14.0	14.0	11.3	12.2	13.9	14.9	15.5	15.6	13.3	10.2	10.3	9.3	12.5	15.5
	2017	13.8	10.4	11.4	13.5	14.2	14.0	14.6	14.1	11.0	13.2	10.0	12.6	11.4	14.1
	2018	16.4	9.9	9.6	8.6	12.7	12.8	13.9	15.2	14.6	13.4	11.0	12.6	16.4	15.2
	2019	11.7	9.0	9.4	11.2	14.6	14.7	14.5	13.7	14.4	12.1	10.5	8.2	11.0	14.7
	2020	13.1	9.0	11.3	11.5	12.6	14.1	14.1	14.5	13.9	11.8	9.4	10.5	11.3	14.1
Projected	2021	13.6	12.0	9.9	11.2	13.0	13.7	14.0	14.1	13.1	11.8	9.5	10.7	13.6	14.1
	2022	13.8	12.1	10.0	11.3	13.1	13.9	14.1	14.2	13.2	11.9	9.6	10.8	13.8	14.2
	2023	13.9	12.2	10.1	11.4	13.3	14.0	14.2	14.4	13.4	12.0	9.7	10.8	13.9	14.4
	2024	14.0	12.3	10.2	11.6	13.4	14.2	14.4	14.5	13.5	12.1	9.8	11.0	14.0	14.5
	2025	14.2	12.5	10.3	11.6	13.5	14.3	14.5	14.6	13.6	12.2	9.9	11.0	14.2	14.6
	2026	14.2	12.6	10.4	11.7	13.5	14.3	14.5	14.7	13.7	12.3	9.9	11.1	14.2	14.7
	2027	14.3	12.6	10.4	11.7	13.6	14.3	14.6	14.7	13.7	12.3	9.9	11.0	14.3	14.7
	2028	14.2	12.6	10.4	11.7	13.6	14.3	14.6	14.7	13.7	12.3	9.9	11.1	14.2	14.7
	2029	14.3	12.6	10.4	11.7	13.6	14.3	14.6	14.7	13.7	12.3	9.9	11.1	14.3	14.7
	2030	14.3	12.6	10.4	11.7	13.6	14.4	14.6	14.7	13.7	12.3	9.9	11.1	14.3	14.7
Projected	2031	14.3	12.6	10.4	11.7	13.6	14.4	14.6	14.7	13.7	12.3	9.9	11.1	14.3	14.7
	2032	14.3	12.6	10.4	11.7	13.6	14.4	14.6	14.7	13.7	12.3	9.9	11.1	14.3	14.7
	2033	14.4	12.7	10.5	11.8	13.6	14.4	14.6	14.7	13.7	12.3	10.0	11.1	14.4	14.7
	2034	14.4	12.7	10.5	11.8	13.6	14.4	14.6	14.8	13.7	12.3	10.0	11.2	14.4	14.8
	2035	14.4	12.7	10.5	11.8	13.7	14.4	14.6	14.8	13.7	12.4	9.9	11.1	14.4	14.8
	2036	14.4	12.7	10.5	11.8	13.7	14.4	14.6	14.8	13.7	12.4	10.0	11.2	14.4	14.8
	2037	14.4	12.7	10.5	11.8	13.7	14.4	14.6	14.8	13.7	12.4	10.0	11.2	14.4	14.8
	2038	14.4	12.7	10.5	11.8	13.7	14.4	14.6	14.8	13.8	12.4	10.0	11.2	14.4	14.8
	2039	14.4	12.7	10.5	11.8	13.7	14.4	14.7	14.8	13.8	12.4	10.0	11.2	14.4	14.8
	2040	14.4	12.7	10.5	11.8	13.7	14.5	14.7	14.8	13.8	12.4	10.1	11.3	14.4	14.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	95.6%	93.9%	95.5%	100.0%	98.7%	97.1%	96.0%	80.9%	97.0%	100.0%	100.0%	80.4%	95.5%	80.9%
	2012	100.0%	98.0%	91.6%	98.5%	95.9%	98.6%	98.3%	86.4%	89.3%	100.0%	77.8%	100.0%	100.0%	98.3%
	2013	100.0%	97.4%	100.0%	99.5%	96.1%	95.2%	98.7%	99.0%	99.7%	100.0%	86.1%	77.4%	94.0%	99.0%
	2014	91.3%	100.0%	86.0%	100.0%	98.8%	96.0%	92.3%	99.7%	97.3%	92.2%	100.0%	97.7%	91.3%	99.7%
	2015	100.0%	100.0%	98.8%	98.3%	98.4%	99.1%	93.4%	100.0%	97.3%	99.1%	98.3%	99.4%	100.0%	99.1%
	2016	96.8%	100.0%	100.0%	99.5%	99.6%	99.0%	99.7%	99.9%	96.7%	83.4%	99.7%	86.0%	85.9%	99.1%
	2017	95.8%	100.0%	86.5%	100.0%	99.7%	97.5%	98.9%	92.4%	79.2%	97.0%	100.0%	99.4%	79.4%	92.4%
	2018	99.6%	97.0%	83.3%	81.8%	99.7%	88.5%	95.9%	100.0%	96.3%	98.9%	98.0%	100.0%	99.6%	100.0%
	2019	85.7%	88.0%	89.2%	100.0%	98.3%	100.0%	97.3%	89.8%	100.0%	95.4%	98.1%	69.5%	80.8%	96.4%
	2020	99.3%	78.7%	100.0%	100.0%	96.3%	97.8%	95.6%	97.9%	95.7%	96.5%	94.5%	90.6%	86.1%	94.8%
Projected	2021	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2022	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2023	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2024	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2025	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2026	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2027	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2028	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%
	2029	96.4%	95.3%	93.1%	97.8%	98.1%	96.9%	96.6%	95.1%	94.8%	96.5%	94.5%	90.6%	96.4%	95.1%
	2030	96.4%	95.3%	93.1%	97.8%	98.1%	96.9%	96.6%	95.1%	94.8%	96.5%	94.5%	90.6%	96.4%	95.1%
	2011-2020	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	94.6%	94.9%	96.3%	95.3%	90.0%	91.3%	96.0%
	2021-2030	96.4%	95.3%	93.1%	97.8%	98.2%	96.9%	96.6%	95.2%	94.8%	96.5%	94.5%	90.6%	96.4%	95.2%

FMPA 2021 Load Forecast - Base Case - Starke

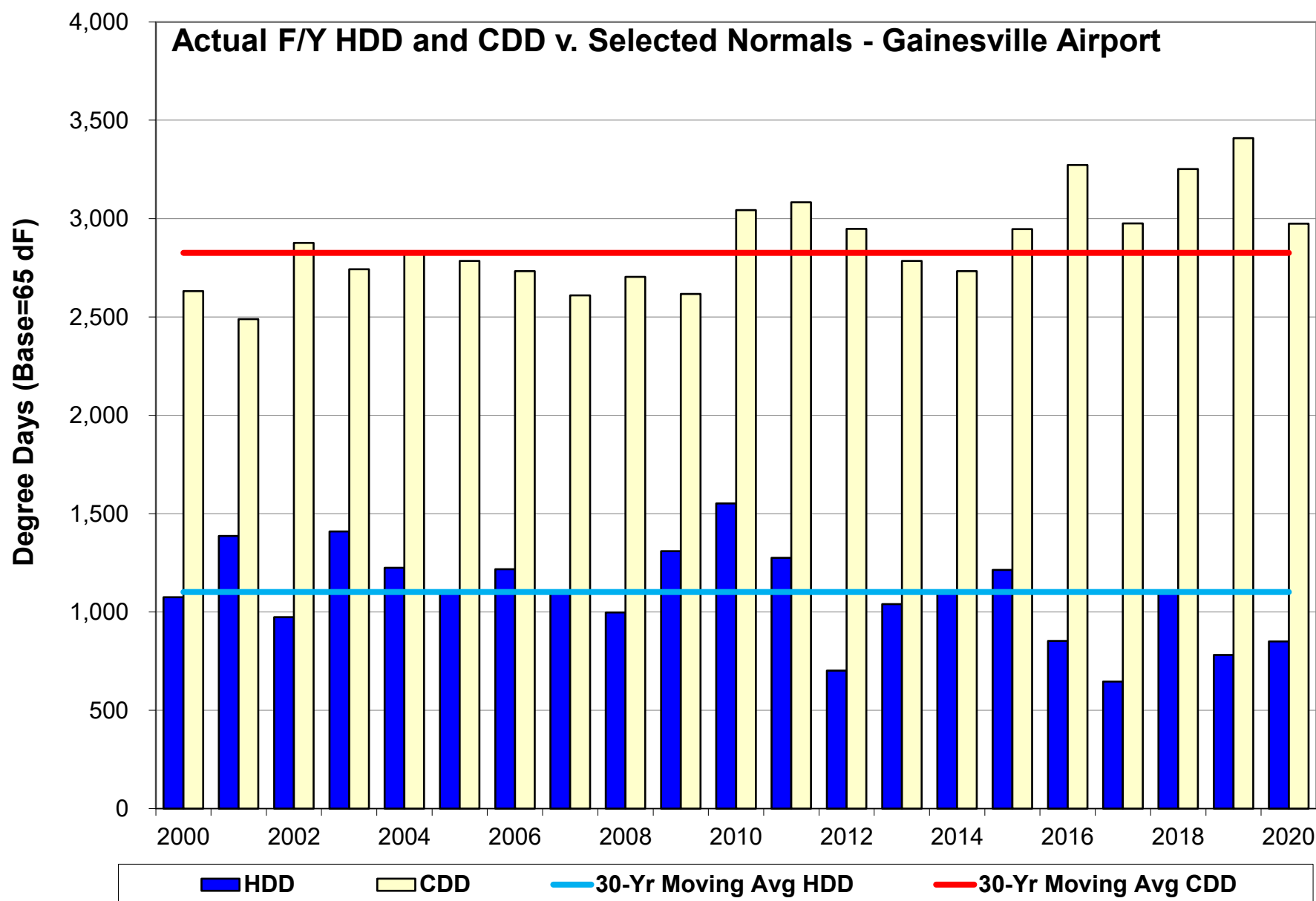
Historical and Projected - Energy Sales by Customer Class (Fiscal Year 2011-2040)

Fiscal Year		Residential						General Service						TOTAL SALES		DISTR. LOSSES		TOTAL NEL	
		Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (kWh)	% Chg	Sales (MWh)	% Chg	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2011	25,428		1,969		12,915		45,518		735		62.0		70,946		4,779	6.3%	75,725	
	2012	21,911	-13.8%	1,948	-1.1%	11,251	-12.9%	43,294	-4.9%	741	0.8%	58.5	-5.6%	65,205	-8.1%	4,064	5.9%	69,269	-8.5%
	2013	21,836	-0.3%	1,945	-0.1%	11,227	-0.2%	42,904	-0.9%	740	0.0%	58.0	-0.9%	64,740	-0.7%	3,938	5.7%	68,678	-0.9%
	2014	22,560	3.3%	1,953	0.4%	11,550	2.9%	43,628	1.7%	762	3.0%	57.2	-1.2%	66,188	2.2%	3,766	5.4%	69,954	1.9%
	2015	23,291	3.2%	1,997	2.3%	11,661	1.0%	44,007	0.9%	760	-0.3%	57.9	1.1%	67,298	1.7%	4,394	6.1%	71,692	2.5%
	2016	24,071	3.3%	2,040	2.1%	11,800	1.2%	45,037	2.3%	735	-3.3%	61.3	5.8%	69,108	2.7%	4,226	5.8%	73,334	2.3%
	2017	22,850	-5.1%	2,053	0.6%	11,131	-5.7%	43,268	-3.9%	746	1.5%	58.0	-5.3%	66,118	-4.3%	3,885	5.5%	70,003	-4.5%
	2018	23,777	4.1%	2,024	-1.4%	11,745	5.5%	43,927	1.5%	765	2.6%	57.4	-1.1%	67,704	2.4%	4,034	5.6%	71,738	2.5%
	2019	24,212	1.8%	2,070	2.2%	11,697	-0.4%	42,967	-2.2%	733	-4.2%	58.6	2.1%	67,179	-0.8%	3,863	5.4%	71,042	-1.0%
	2020	24,446	1.0%	2,067	-0.2%	11,829	1.1%	40,102	-6.7%	722	-1.6%	55.6	-5.1%	64,548	-3.9%	3,966	5.8%	68,514	-3.6%
Projected	2021	24,309	-0.6%	2,072	0.2%	11,735	-0.8%	39,802	-0.7%	721	0.0%	55.2	-0.7%	64,111	-0.7%	3,847	5.7%	67,958	-0.8%
	2022	23,973	-1.4%	2,066	-0.3%	11,603	-1.1%	40,858	2.7%	733	1.6%	55.7	1.0%	64,831	1.1%	3,871	5.6%	68,702	1.1%
	2023	23,898	-0.3%	2,066	0.0%	11,570	-0.3%	41,542	1.7%	740	1.0%	56.1	0.7%	65,440	0.9%	3,907	5.6%	69,347	0.9%
	2024	23,811	-0.4%	2,065	0.0%	11,528	-0.4%	42,373	2.0%	746	0.7%	56.8	1.3%	66,184	1.1%	4,069	5.8%	70,253	1.3%
	2025	23,836	0.1%	2,065	0.0%	11,540	0.1%	42,925	1.3%	750	0.5%	57.3	0.8%	66,762	0.9%	3,986	5.6%	70,748	0.7%
	2026	23,927	0.4%	2,065	0.0%	11,584	0.4%	43,157	0.5%	753	0.4%	57.3	0.1%	67,083	0.5%	4,005	5.6%	71,088	0.5%
	2027	23,988	0.3%	2,065	0.0%	11,614	0.3%	43,249	0.2%	756	0.4%	57.2	-0.2%	67,237	0.2%	4,014	5.6%	71,251	0.2%
	2028	24,036	0.2%	2,065	0.0%	11,637	0.2%	43,286	0.1%	759	0.4%	57.0	-0.3%	67,322	0.1%	4,138	5.8%	71,460	0.3%
	2029	24,078	0.2%	2,065	0.0%	11,657	0.2%	43,300	0.0%	762	0.4%	56.9	-0.3%	67,378	0.1%	4,022	5.6%	71,400	-0.1%
	2030	24,116	0.2%	2,065	0.0%	11,676	0.2%	43,306	0.0%	764	0.4%	56.7	-0.3%	67,422	0.1%	4,025	5.6%	71,447	0.1%
	2031	24,165	0.2%	2,065	0.0%	11,700	0.2%	43,308	0.0%	767	0.3%	56.5	-0.3%	67,473	0.1%	4,028	5.6%	71,501	0.1%
	2032	24,217	0.2%	2,065	0.0%	11,725	0.2%	43,310	0.0%	769	0.3%	56.3	-0.3%	67,527	0.1%	4,150	5.8%	71,678	0.2%
	2033	24,295	0.3%	2,065	0.0%	11,762	0.3%	43,310	0.0%	772	0.3%	56.1	-0.3%	67,605	0.1%	4,036	5.6%	71,640	-0.1%
	2034	24,384	0.4%	2,065	0.0%	11,806	0.4%	43,310	0.0%	774	0.3%	55.9	-0.3%	67,694	0.1%	4,041	5.6%	71,735	0.1%
	2035	24,451	0.3%	2,065	0.0%	11,838	0.3%	43,310	0.0%	777	0.3%	55.7	-0.3%	67,761	0.1%	4,045	5.6%	71,806	0.1%
	2036	24,484	0.1%	2,065	0.0%	11,854	0.1%	43,310	0.0%	779	0.3%	55.6	-0.3%	67,794	0.0%	4,167	5.8%	71,960	0.2%
	2037	24,513	0.1%	2,065	0.0%	11,868	0.1%	43,310	0.0%	782	0.3%	55.4	-0.3%	67,823	0.0%	4,048	5.6%	71,871	-0.1%
	2038	24,575	0.3%	2,065	0.0%	11,898	0.3%	43,310	0.0%	784	0.3%	55.2	-0.3%	67,885	0.1%	4,052	5.6%	71,937	0.1%
	2039	24,659	0.3%	2,065	0.0%	11,939	0.3%	43,310	0.0%	787	0.3%	55.0	-0.3%	67,969	0.1%	4,057	5.6%	72,026	0.1%
	2040	24,741	0.3%	2,065	0.0%	11,978	0.3%	43,310	0.0%	789	0.3%	54.9	-0.3%	68,051	0.1%	4,182	5.8%	72,233	0.3%
CAGR	2011-2020		-0.4%		0.5%		-1.0%		-1.4%		-0.2%		-1.2%		-1.0%		5.8%		-1.1%
	2021-2030		-0.1%		0.0%		-0.1%		0.9%		0.6%		0.3%		0.6%		5.7%		0.6%
	2031-2040		0.3%		0.0%		0.3%		0.0%		0.3%		-0.3%		0.1%		5.7%		0.1%

CAGR - Compound Average Growth Rate.

FMPA 2021 Load Forecast
Historical and Projected Economic Trends of the Counties in which the ARP Cities Reside
(Sources: Woods and Poole Economics, inc.; UFL Bureau of Economic and Business Research)
Starke (Bradford County)

Mid-range Economic Case	Total Population, (Ths.)		Total Households, (Ths.)		Employment: Total (Ths.)		Employment: Manufacturing, (Ths.)		Gross Domestic Product, (\$M \$2012)		Income: Total Personal, (Mil. \$2012)		Personal Income per Household (\$2012)	
Year	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
2000	26.1	-	8.5	-	9.5	-	0.64	-	516	-	651	-	76,469	-
2001	26.1	0.1%	8.7	1.7%	8.6	-9.5%	0.56	-12.4%	508	-1.6%	649	-0.3%	74,944	-2.0%
2002	26.3	0.9%	8.7	0.2%	8.4	-1.4%	0.51	-9.0%	530	4.3%	659	1.5%	75,895	1.3%
2003	27.0	2.8%	9.0	3.4%	8.7	3.6%	0.51	1.0%	556	4.9%	675	2.5%	75,290	-0.8%
2004	27.7	2.5%	9.1	1.7%	9.0	2.7%	0.53	2.9%	594	6.8%	688	1.9%	75,425	0.2%
2005	28.1	1.4%	9.2	1.1%	9.1	1.7%	0.49	-7.6%	619	4.3%	699	1.6%	75,843	0.6%
2006	28.5	1.5%	9.3	0.9%	9.6	5.4%	0.50	2.1%	668	7.9%	703	0.5%	75,532	-0.4%
2007	28.8	1.1%	9.4	1.3%	9.9	2.8%	0.47	-4.4%	716	7.2%	705	0.3%	74,791	-1.0%
2008	29.0	0.5%	9.4	-0.1%	9.8	-1.2%	0.47	-1.1%	692	-3.3%	700	-0.7%	74,290	-0.7%
2009	29.0	0.1%	9.4	-0.6%	9.5	-2.7%	0.41	-12.8%	647	-6.6%	722	3.2%	77,125	3.8%
2010	28.5	-1.5%	9.5	1.1%	9.2	-3.5%	0.31	-25.4%	619	-4.3%	742	2.8%	78,373	1.6%
2011	28.4	-0.4%	9.5	-0.1%	9.2	0.3%	0.26	-13.8%	608	-1.8%	758	2.2%	80,175	2.3%
2012	27.0	-4.9%	9.4	-1.0%	8.9	-3.1%	0.27	3.4%	593	-2.4%	755	-0.4%	80,716	0.7%
2013	26.8	-0.9%	9.4	0.4%	8.8	-0.9%	0.26	-4.8%	603	1.7%	764	1.1%	81,252	0.7%
2014	26.6	-0.9%	9.4	0.5%	8.7	-1.6%	0.26	-0.4%	588	-2.5%	775	1.5%	82,065	1.0%
2015	26.7	0.7%	9.6	1.5%	8.8	0.7%	0.29	12.0%	608	3.5%	812	4.7%	84,683	3.2%
2016	26.7	0.0%	9.7	1.2%	8.8	0.9%	0.26	-11.1%	618	1.6%	808	-0.4%	83,344	-1.6%
2017	27.1	1.5%	9.8	0.6%	9.4	6.9%	0.27	5.1%	653	5.7%	842	4.2%	86,314	3.6%
2018	27.7	2.2%	9.8	0.8%	9.5	0.2%	0.25	-7.4%	678	3.9%	861	2.2%	87,534	1.4%
2019	27.8	0.3%	9.9	1.0%	9.6	1.4%	0.25	-0.4%	680	0.3%	867	0.8%	87,316	-0.2%
2020	27.9	0.3%	10.0	0.9%	9.7	1.0%	0.25	-1.6%	690	1.5%	884	2.0%	88,274	1.1%
2021	28.0	0.3%	10.1	0.8%	9.8	0.9%	0.24	-0.8%	701	1.5%	902	2.0%	89,319	1.2%
2022	28.1	0.3%	10.2	0.6%	9.8	0.7%	0.24	-1.2%	711	1.4%	919	1.9%	90,529	1.4%
2023	28.2	0.3%	10.2	0.5%	9.9	0.8%	0.24	-1.2%	721	1.4%	936	1.9%	91,810	1.4%
2024	28.2	0.3%	10.2	0.4%	10.0	0.8%	0.23	-1.3%	731	1.4%	954	1.9%	93,137	1.4%
2025	28.3	0.3%	10.3	0.3%	10.1	0.7%	0.23	-0.8%	741	1.4%	971	1.9%	94,540	1.5%
2026	28.4	0.2%	10.3	0.2%	10.1	0.6%	0.23	-1.3%	750	1.3%	989	1.8%	95,991	1.5%
2027	28.5	0.2%	10.3	0.2%	10.2	0.6%	0.23	-1.3%	760	1.3%	1,006	1.8%	97,483	1.6%
2028	28.5	0.2%	10.3	0.2%	10.3	0.6%	0.22	-0.9%	769	1.3%	1,024	1.8%	99,022	1.6%
2029	28.6	0.2%	10.4	0.1%	10.3	0.6%	0.22	-1.4%	779	1.2%	1,042	1.7%	100,616	1.6%
2030	28.7	0.2%	10.4	0.1%	10.4	0.6%	0.22	-0.9%	788	1.2%	1,060	1.7%	102,267	1.6%
2031	28.7	0.2%	10.4	0.0%	10.4	0.5%	0.22	-1.4%	798	1.2%	1,078	1.7%	103,945	1.6%
2032	28.8	0.2%	10.4	0.0%	10.5	0.5%	0.21	-1.0%	807	1.2%	1,095	1.7%	105,671	1.7%
2033	28.9	0.2%	10.4	0.0%	10.5	0.5%	0.21	-1.5%	816	1.2%	1,114	1.6%	107,427	1.7%
2034	28.9	0.2%	10.4	0.0%	10.6	0.5%	0.21	-1.0%	826	1.1%	1,132	1.6%	109,194	1.6%
2035	29.0	0.2%	10.4	0.0%	10.6	0.5%	0.21	-1.5%	835	1.1%	1,150	1.6%	110,988	1.6%
2036	29.1	0.2%	10.4	0.0%	10.7	0.5%	0.20	-1.1%	844	1.1%	1,168	1.6%	112,796	1.6%
2037	29.1	0.2%	10.4	0.0%	10.7	0.5%	0.20	-1.1%	854	1.1%	1,187	1.6%	114,606	1.6%
2038	29.2	0.2%	10.4	0.0%	10.8	0.5%	0.20	-1.6%	863	1.1%	1,206	1.6%	116,425	1.6%
2039	29.3	0.2%	10.4	0.0%	10.8	0.5%	0.20	-1.1%	872	1.1%	1,225	1.6%	118,254	1.6%
2040	29.3	0.2%	10.4	0.0%	10.9	0.5%	0.19	-1.1%	882	1.1%	1,243	1.5%	120,047	1.5%
Average Percent Change														
2010-2020			-0.2%	0.6%	0.5%	-2.2%	1.1%	1.8%	1.2%					
2021-2030			0.3%	0.3%	0.7%	-1.2%	1.3%	1.8%	1.5%					
2031-2040			0.2%	0.0%	0.5%	-1.2%	1.1%	1.6%	1.6%					



Appendix E
HIGH/LOW ECONOMIC SCENARIOS

FMPA 2021 Load Forecast - High Economic Case
Total Agency - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	6,147,277	-	5,975,503	-	-2.8%	1,258.3	-	1,184.1	-	-5.9%	1,258.2	-	1,200.2	-	-4.6%
	2012	5,914,360	-3.8%	6,010,714	0.6%	1.6%	1,096.7	-12.8%	1,056.6	-10.8%	-3.7%	1,203.3	-4.4%	1,300.0	8.3%	8.0%
	2013	5,914,988	0.0%	5,990,932	-0.3%	1.3%	1,009.9	-7.9%	984.6	-6.8%	-2.5%	1,222.0	1.6%	1,259.6	-3.1%	3.1%
	2014	5,733,592	-3.1%	5,702,238	-4.8%	-0.5%	996.9	-1.3%	1,077.1	9.4%	8.0%	1,185.1	-3.0%	1,181.1	-6.2%	-0.3%
	2015	5,775,332	0.7%	5,668,496	-0.6%	-1.8%	1,128.2	13.2%	1,001.8	-7.0%	-11.2%	1,194.1	0.8%	1,213.1	2.7%	1.6%
	2016	5,979,483	3.5%	5,831,494	2.9%	-2.5%	1,009.6	-10.5%	1,040.1	3.8%	3.0%	1,267.4	6.1%	1,233.5	1.7%	-2.7%
	2017	5,825,558	-2.6%	5,835,713	0.1%	0.2%	919.4	-8.9%	931.8	-10.4%	1.3%	1,236.4	-2.4%	1,281.8	3.9%	3.7%
	2018	5,945,319	2.1%	5,859,079	0.4%	-1.5%	1,178.9	28.2%	1,126.6	20.9%	-4.4%	1,238.9	0.2%	1,267.0	-1.2%	2.3%
	2019	6,082,512	2.3%	5,880,664	0.4%	-3.3%	979.8	-16.9%	1,135.9	0.8%	15.9%	1,292.4	4.3%	1,273.0	0.5%	-1.5%
	2020	6,082,634	0.0%	6,020,274	2.4%	-1.0%	1,022.3	4.3%	1,100.3	-3.1%	7.6%	1,281.4	-0.9%	1,280.6	0.6%	-0.1%
Projected	2021	6,148,464	1.1%	6,148,464	2.1%		1,109.8	8.6%	1,109.8	0.9%		1,306.6	2.0%	1,306.6	2.0%	
	2022			6,331,622	3.0%				1,148.0	3.4%				1,341.3	2.7%	
	2023			6,473,597	2.2%				1,173.9	2.3%				1,371.6	2.3%	
	2024			6,633,722	2.5%				1,200.2	2.2%				1,401.8	2.2%	
	2025			6,750,610	1.8%				1,224.7	2.0%				1,429.1	2.0%	
	2026			6,868,510	1.7%				1,246.8	1.8%				1,453.8	1.7%	
	2027			6,978,852	1.6%				1,267.1	1.6%				1,477.5	1.6%	
	2028			7,095,551	1.7%				1,285.1	1.4%				1,499.5	1.5%	
	2029			7,188,358	1.3%				1,305.3	1.6%				1,522.9	1.6%	
	2030			7,244,332	0.8%				1,313.3	0.6%				1,536.4	0.9%	
	2031			7,352,820	1.5%				1,333.1	1.5%				1,559.8	1.5%	
	2032			7,477,875	1.7%				1,352.7	1.5%				1,583.4	1.5%	
	2033			7,570,569	1.2%				1,372.5	1.5%				1,607.4	1.5%	
	2034			7,681,014	1.5%				1,392.7	1.5%				1,631.2	1.5%	
	2035			7,790,908	1.4%				1,412.4	1.4%				1,655.3	1.5%	
	2036			7,846,936	0.7%				1,418.1	0.4%				1,664.0	0.5%	
	2037			7,934,161	1.1%				1,437.3	1.4%				1,686.7	1.4%	
	2038			7,940,628	0.1%				1,432.5	-0.3%				1,689.0	0.1%	
	2039			8,050,940	1.4%				1,452.3	1.4%				1,713.3	1.4%	
	2040			8,181,951	1.6%				1,472.7	1.4%				1,737.8	1.4%	
CAGR ^[3]	2011-2020		-0.1%		0.1%			-2.3%		-0.8%			0.2%		0.7%	
	2021-2030				1.8%					1.9%					1.8%	
	2031-2040				1.2%					1.1%					1.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

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Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - High Economic Case
Total Agency - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	6,147,277	-	6,147,277	-	1,293.0	1,300.2	1,293.0	1,300.2	1,258.3	1,258.2	1,258.3	1,258.2
	2012	5,914,360	-3.8%	5,914,360	-3.8%	1,119.9	1,250.8	1,119.9	1,250.8	1,096.7	1,203.3	1,096.7	1,203.3
	2013	5,914,988	0.0%	5,914,988	0.0%	1,072.3	1,258.0	1,072.3	1,258.0	1,009.9	1,222.0	1,009.9	1,222.0
	2014	5,733,592	-3.1%	5,733,592	-3.1%	1,071.5	1,216.5	1,071.5	1,216.5	996.9	1,185.1	996.9	1,185.1
	2015	5,775,332	0.7%	5,777,052	0.8%	1,148.8	1,229.1	1,149.5	1,229.4	1,128.2	1,194.1	1,128.5	1,194.4
	2016	5,979,483	3.5%	5,980,070	3.5%	1,060.8	1,291.0	1,060.8	1,291.0	1,009.6	1,267.4	1,009.9	1,267.4
	2017	5,825,558	-2.6%	5,825,558	-2.6%	980.7	1,267.1	980.7	1,267.1	919.4	1,236.4	919.4	1,236.4
	2018	5,945,319	2.1%	5,945,319	2.1%	1,219.5	1,252.9	1,219.5	1,252.9	1,178.9	1,238.9	1,178.9	1,238.9
	2019	6,082,512	2.3%	6,082,512	2.3%	1,026.5	1,311.1	1,026.5	1,311.1	979.8	1,292.4	979.8	1,292.4
	2020	6,082,634	0.0%	6,080,099	0.0%	1,058.6	1,312.8	1,170.4	1,313.5	1,022.3	1,281.4	1,104.8	1,280.5
Projected	2021	6,148,464	1.1%	6,222,344	2.3%	1,176.4	1,339.4	1,204.3	1,348.2	1,109.8	1,306.6	1,137.2	1,314.4
	2022	6,331,622	3.0%	6,352,807	2.1%	1,216.3	1,374.8	1,231.0	1,376.1	1,148.0	1,341.3	1,162.8	1,341.7
	2023	6,473,597	2.2%	6,475,226	1.9%	1,243.4	1,405.7	1,255.2	1,402.6	1,173.9	1,371.6	1,186.0	1,367.8
	2024	6,633,722	2.5%	6,605,018	2.0%	1,270.9	1,436.4	1,277.2	1,427.7	1,200.2	1,401.8	1,207.4	1,392.4
	2025	6,750,610	1.8%	6,701,014	1.5%	1,297.0	1,464.4	1,299.2	1,452.3	1,224.7	1,429.1	1,228.4	1,416.5
	2026	6,868,510	1.7%	6,808,666	1.6%	1,320.2	1,489.5	1,320.3	1,475.8	1,246.8	1,453.8	1,248.8	1,439.6
	2027	6,978,852	1.6%	6,910,208	1.5%	1,341.5	1,513.7	1,340.2	1,498.1	1,267.1	1,477.5	1,267.9	1,461.4
	2028	7,095,551	1.7%	7,012,920	1.5%	1,359.7	1,536.0	1,356.1	1,517.3	1,285.1	1,499.5	1,283.6	1,480.3
	2029	7,188,358	1.3%	7,091,057	1.1%	1,381.0	1,559.9	1,374.8	1,538.0	1,305.3	1,522.9	1,301.4	1,500.6
	2030	7,244,332	0.8%	7,131,810	0.6%	1,389.0	1,573.3	1,379.8	1,548.1	1,313.3	1,536.4	1,306.6	1,510.8
	2031	7,352,820	1.5%	7,226,586	1.3%	1,409.6	1,597.1	1,397.9	1,569.3	1,333.1	1,559.8	1,324.1	1,531.7
	2032	7,477,875	1.7%	7,340,628	1.6%	1,429.8	1,621.2	1,416.1	1,591.0	1,352.7	1,583.4	1,341.8	1,553.0
	2033	7,570,569	1.2%	7,420,414	1.1%	1,450.7	1,645.6	1,434.7	1,612.4	1,372.5	1,607.4	1,359.4	1,574.0
	2034	7,681,014	1.5%	7,515,698	1.3%	1,471.8	1,669.8	1,453.1	1,633.4	1,392.7	1,631.2	1,377.0	1,594.6
	2035	7,790,908	1.4%	7,609,849	1.3%	1,492.4	1,694.4	1,470.7	1,654.5	1,412.4	1,655.3	1,394.0	1,615.4
	2036	7,846,936	0.7%	7,643,479	0.4%	1,498.1	1,702.8	1,472.2	1,658.3	1,418.1	1,664.0	1,395.6	1,619.5
	2037	7,934,161	1.1%	7,715,805	0.9%	1,518.5	1,725.8	1,489.5	1,678.1	1,437.3	1,686.7	1,412.1	1,639.0
	2038	7,940,628	0.1%	7,708,096	-0.1%	1,514.4	1,727.4	1,482.7	1,676.5	1,432.5	1,689.0	1,404.6	1,638.2
	2039	8,050,940	1.4%	7,802,338	1.2%	1,535.1	1,752.1	1,500.4	1,697.7	1,452.3	1,713.3	1,421.7	1,659.0
	2040	8,181,951	1.6%			1,555.9	1,777.0			1,472.7	1,737.8		
CAGR ^[1]	Historical		-0.1%		-0.1%	-2.2%	0.1%	-2.8%	0.1%	-0.9%	0.8%	-1.6%	1.0%
	1st 10 Prj Yrs		1.8%		1.7%	1.9%	1.8%	1.8%	1.8%	1.9%	1.8%	1.8%	1.8%
	2nd 10 Prj Yrs		1.2%		1.0%	1.1%	1.2%	0.9%	1.0%	1.1%	1.2%	0.9%	1.0%

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[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case
Total Agency - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	6,147,277	-	5,975,503	-	-2.8%	1,258.3	-	1,184.1	-	-5.9%	1,258.2	-	1,200.2	-	-4.6%
	2012	5,914,360	-3.8%	6,010,714	0.6%	1.6%	1,096.7	-12.8%	1,056.6	-10.8%	-3.7%	1,203.3	-4.4%	1,300.0	8.3%	8.0%
	2013	5,914,988	0.0%	5,990,932	-0.3%	1.3%	1,009.9	-7.9%	984.6	-6.8%	-2.5%	1,222.0	1.6%	1,259.6	-3.1%	3.1%
	2014	5,733,592	-3.1%	5,702,238	-4.8%	-0.5%	996.9	-1.3%	1,077.1	9.4%	8.0%	1,185.1	-3.0%	1,181.1	-6.2%	-0.3%
	2015	5,777,052	0.8%	5,668,496	-0.6%	-1.9%	1,128.5	13.2%	1,001.8	-7.0%	-11.2%	1,194.4	0.8%	1,213.1	2.7%	1.6%
	2016	5,981,790	3.5%	5,831,494	2.9%	-2.5%	1,009.9	-10.5%	1,040.1	3.8%	3.0%	1,267.7	6.1%	1,233.5	1.7%	-2.7%
	2017	5,826,145	-2.6%	5,835,713	0.1%	0.2%	919.4	-9.0%	931.8	-10.4%	1.3%	1,236.4	-2.5%	1,281.8	3.9%	3.7%
	2018	5,945,319	2.0%	5,859,079	0.4%	-1.5%	1,178.9	28.2%	1,126.6	20.9%	-4.4%	1,238.9	0.2%	1,267.0	-1.2%	2.3%
	2019	6,082,512	2.3%	5,880,664	0.4%	-3.3%	979.8	-16.9%	1,135.9	0.8%	15.9%	1,292.4	4.3%	1,273.0	0.5%	-1.5%
	2020	6,082,634	0.0%	5,937,786	1.0%	-2.4%	1,022.3	4.3%	1,100.3	-3.1%	7.6%	1,281.4	-0.9%	1,280.6	0.6%	-0.1%
Projected	2021	6,131,851	0.8%	6,131,851	3.3%		1,109.8	8.6%	1,109.8	0.9%		1,302.6	1.7%	1,302.6	1.7%	
	2022			6,308,407	2.9%				1,148.0	3.4%				1,335.8	2.5%	
	2023			6,444,094	2.2%				1,173.9	2.3%				1,364.6	2.2%	
	2024			6,596,813	2.4%				1,200.2	2.2%				1,393.0	2.1%	
	2025			6,703,173	1.6%				1,224.7	2.0%				1,417.8	1.8%	
	2026			6,808,278	1.6%				1,246.8	1.8%				1,439.4	1.5%	
	2027			6,904,283	1.4%				1,267.1	1.6%				1,459.8	1.4%	
	2028			7,005,106	1.5%				1,285.1	1.4%				1,478.0	1.2%	
	2029			7,081,091	1.1%				1,305.3	1.6%				1,497.4	1.3%	
	2030			7,119,295	0.5%				1,313.3	0.6%				1,506.7	0.6%	
	2031			7,211,920	1.3%				1,333.1	1.5%				1,526.3	1.3%	
	2032			7,321,726	1.5%				1,352.7	1.5%				1,546.3	1.3%	
	2033			7,400,531	1.1%				1,372.5	1.5%				1,567.0	1.3%	
	2034			7,497,337	1.3%				1,392.7	1.5%				1,587.6	1.3%	
	2035			7,594,019	1.3%				1,412.4	1.4%				1,608.5	1.3%	
	2036			7,636,821	0.6%				1,418.1	0.4%				1,614.2	0.4%	
	2037			7,711,013	1.0%				1,437.3	1.4%				1,633.6	1.2%	
	2038			7,705,480	-0.1%				1,432.5	-0.3%				1,633.1	0.0%	
	2039			7,802,070	1.3%				1,452.3	1.4%				1,654.1	1.3%	
	2040			7,918,925	1.5%				1,472.7	1.4%				1,675.3	1.3%	
CAGR ^[3]	2011-2020		-0.1%		-0.1%			-2.3%		-0.8%			0.2%		0.7%	
	2021-2030				1.7%					1.9%					1.6%	
	2031-2040				1.0%					1.1%					1.0%	

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FMPA 2021 Load Forecast - High Economic Case
Total Agency - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	461,335	393,793	424,620	488,193	537,767	588,106	623,766	644,115	570,519	460,766	410,067	418,993	6,022,040	6,147,277
	2012	438,988	405,060	451,583	458,392	543,656	545,599	623,149	603,756	554,351	504,602	398,605	435,593	5,963,334	5,914,360
	2013	428,865	400,438	432,242	463,445	507,457	573,259	581,975	626,296	562,210	516,187	427,182	440,420	5,959,977	5,914,988
	2014	458,798	376,082	396,665	423,785	497,285	521,770	571,164	591,892	512,362	461,946	387,082	412,653	5,611,484	5,733,592
	2015	423,859	391,814	433,884	469,172	526,875	564,009	585,493	583,880	536,385	477,199	447,017	436,736	5,876,322	5,777,052
	2016	434,986	397,529	428,066	436,669	517,921	586,159	645,813	615,145	558,551	481,763	397,590	424,514	5,924,706	5,981,790
	2017	420,300	369,307	422,712	462,186	543,679	545,907	610,433	626,402	521,351	510,122	404,061	427,714	5,864,175	5,826,145
	2018	486,883	395,927	410,294	435,098	497,243	566,526	596,706	617,855	596,890	535,843	436,820	427,594	6,003,678	5,945,319
	2019	440,834	388,033	423,717	457,363	568,643	591,427	616,795	617,863	577,582	550,214	414,640	419,893	6,067,001	6,082,512
	2020	433,461	409,343	471,516	453,576	509,086	580,517	624,346	636,514	579,529	505,886	415,563	443,447	6,062,785	6,082,634
Projected	2021	468,059	410,087	445,730	455,009	538,580	587,054	636,278	641,804	584,353	521,732	429,881	458,264	6,176,832	6,131,851
	2022	483,402	423,635	459,918	467,387	553,451	601,953	652,589	657,859	598,335	534,053	439,554	468,444	6,340,580	6,308,407
	2023	493,649	432,654	469,184	477,033	565,302	614,442	666,482	672,077	611,222	545,676	449,321	478,995	6,476,035	6,444,094
	2024	504,405	457,484	479,235	487,347	577,322	627,353	680,372	685,670	623,633	556,503	457,893	488,603	6,625,819	6,596,813
	2025	514,228	450,642	487,965	496,258	587,937	638,567	692,523	697,668	634,387	565,853	465,269	496,958	6,728,254	6,703,173
	2026	522,834	458,092	495,361	503,791	597,008	648,221	703,062	708,107	643,722	574,026	471,638	504,377	6,830,240	6,808,278
	2027	530,625	464,877	502,002	510,614	605,355	657,180	712,966	718,003	652,621	581,071	477,044	510,876	6,923,233	6,904,283
	2028	537,484	487,177	507,736	516,542	612,701	665,161	721,868	726,905	660,541	588,897	483,099	518,089	7,026,200	7,005,106
	2029	545,125	477,551	514,062	523,048	620,708	673,751	731,372	736,389	669,001	592,321	485,147	520,999	7,089,473	7,081,091
	2030	548,166	480,156	516,190	525,532	624,159	677,445	735,710	740,377	672,733	600,191	491,257	528,248	7,140,525	7,119,295
Projected	2031	555,852	486,768	522,507	532,019	632,151	686,059	745,273	750,304	681,290	607,838	497,139	535,182	7,232,382	7,211,920
	2032	563,251	510,432	528,889	538,584	640,257	694,848	755,063	760,128	690,116	615,842	503,349	542,429	7,343,187	7,321,726
	2033	570,993	500,097	535,448	545,337	648,576	703,890	765,140	770,233	699,198	624,040	509,700	549,790	7,422,442	7,400,531
	2034	578,827	506,969	542,151	552,199	656,974	712,980	775,213	780,296	708,197	632,114	515,937	556,975	7,518,833	7,497,337
	2035	586,503	513,713	548,779	559,027	665,381	722,137	785,430	790,570	717,453	634,612	517,358	558,792	7,599,754	7,594,019
	2036	588,566	533,553	550,261	560,755	667,604	724,440	788,056	793,140	719,684	642,573	523,484	565,855	7,657,972	7,636,821
	2037	596,078	522,226	556,578	567,231	675,545	733,030	797,579	802,649	728,184	642,403	522,496	565,061	7,709,060	7,711,013
	2038	594,924	521,733	555,876	566,919	675,504	732,725	797,509	802,510	727,821	650,393	528,687	572,290	7,726,891	7,705,480
	2039	602,648	528,494	562,473	573,720	683,903	741,892	807,743	812,774	737,053	658,661	535,065	579,697	7,824,124	7,802,070
	2040	610,559	553,922	569,210	580,641	692,428	751,180	818,092	823,127	746,343	666,964	541,451	587,098	7,941,012	7,918,925

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.7%	6.5%	7.1%	8.1%	8.9%	9.8%	10.4%	10.7%	9.5%	7.7%	6.8%	7.0%	100.0%
	2012	7.4%	6.8%	7.6%	7.7%	9.1%	9.1%	10.4%	10.1%	9.3%	8.5%	6.7%	7.3%	100.0%
	2013	7.2%	6.7%	7.3%	7.8%	8.5%	9.6%	9.8%	10.5%	9.4%	8.7%	7.2%	7.4%	100.0%
	2014	8.2%	6.7%	7.1%	7.6%	8.9%	9.3%	10.2%	10.5%	9.1%	8.2%	6.9%	7.4%	100.0%
	2015	7.2%	6.7%	7.4%	8.0%	9.0%	9.6%	10.0%	9.9%	9.1%	8.1%	7.6%	7.4%	100.0%
	2016	7.3%	6.7%	7.2%	7.4%	8.7%	9.9%	10.9%	10.4%	9.4%	8.1%	6.7%	7.2%	100.0%
	2017	7.2%	6.3%	7.2%	7.9%	9.3%	9.3%	10.4%	10.7%	8.9%	8.7%	6.9%	7.3%	100.0%
	2018	8.1%	6.6%	6.8%	7.2%	8.3%	9.4%	9.9%	10.3%	9.9%	8.9%	7.3%	7.1%	100.0%
	2019	7.3%	6.4%	7.0%	7.5%	9.4%	9.7%	10.2%	10.2%	9.5%	9.1%	6.8%	6.9%	100.0%
	2020	7.1%	6.8%	7.8%	7.5%	8.4%	9.6%	10.3%	10.5%	9.6%	8.3%	6.9%	7.3%	100.0%
Projected	2021	7.6%	6.6%	7.2%	7.4%	8.7%	9.5%	10.3%	10.4%	9.5%	8.4%	7.0%	7.4%	100.0%
	2022	7.6%	6.7%	7.3%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
	2023	7.6%	6.7%	7.2%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
	2024	7.6%	6.9%	7.2%	7.4%	8.7%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
	2025	7.6%	6.7%	7.3%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
	2026	7.7%	6.7%	7.3%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
	2027	7.7%	6.7%	7.3%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
	2028	7.6%	6.9%	7.2%	7.4%	8.7%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
	2029	7.7%	6.7%	7.3%	7.4%	8.8%	9.5%	10.3%	10.4%	9.4%	8.4%	6.8%	7.3%	100.0%
	2030	7.7%	6.7%	7.2%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%
Avg.	2011-2020	7.5%	6.6%	7.2%	7.7%	8.8%	9.5%	10.2%	10.4%	9.4%	8.4%	7.0%	7.2%	100.0%
	2021-2030	7.6%	6.7%	7.2%	7.4%	8.7%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.4%	100.0%

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 Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - High Economic Case
Total Agency - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	1,186.7	959.1	878.6	1,100.6	1,154.6	1,267.6	1,263.5	1,300.2	1,185.3	1,007.2	881.6	829.5	1,293.0	1,300.2
	2012	1,119.9	1,086.3	905.9	1,036.2	1,147.8	1,221.4	1,250.8	1,236.0	1,189.0	1,114.0	846.1	913.6	1,119.9	1,250.8
	2013	886.9	1,072.3	1,069.8	1,006.7	1,099.7	1,228.1	1,212.8	1,258.0	1,208.7	1,107.3	953.6	903.5	1,072.3	1,258.0
	2014	1,071.5	922.0	817.8	1,005.3	1,075.0	1,134.0	1,176.1	1,216.5	1,157.3	1,034.7	961.8	879.0	1,071.5	1,216.5
	2015	927.9	1,149.5	907.0	1,016.2	1,131.0	1,229.4	1,199.5	1,215.3	1,170.4	1,045.8	1,029.8	883.0	1,149.5	1,229.4
	2016	1,061.1	1,047.8	943.2	1,040.4	1,121.9	1,247.3	1,291.2	1,260.1	1,168.4	1,067.3	864.6	884.5	1,061.1	1,291.2
	2017	980.7	845.1	970.7	1,111.3	1,194.2	1,201.0	1,251.1	1,267.1	1,203.6	1,139.1	887.9	959.9	980.7	1,267.1
	2018	1,219.5	927.7	903.1	935.7	1,072.0	1,229.2	1,231.7	1,252.9	1,247.7	1,165.2	1,026.5	987.2	1,219.5	1,252.9
	2019	999.3	932.9	963.3	1,029.7	1,252.2	1,311.1	1,283.4	1,277.0	1,260.9	1,147.4	985.8	886.8	1,026.5	1,311.1
	2020	1,050.0	960.0	1,058.6	1,080.0	1,172.1	1,312.8	1,293.6	1,303.9	1,297.8	1,137.5	959.4	933.1	1,058.6	1,312.8
Projected	2021	1,176.4	1,053.1	996.3	1,085.2	1,215.7	1,305.1	1,308.0	1,335.4	1,269.9	1,155.3	987.1	964.3	1,176.4	1,335.4
	2022	1,216.3	1,088.4	1,028.2	1,113.1	1,247.2	1,338.0	1,341.0	1,369.2	1,302.0	1,185.1	1,009.4	985.5	1,216.3	1,369.2
	2023	1,243.4	1,112.3	1,051.4	1,137.5	1,274.6	1,366.6	1,369.8	1,398.7	1,329.8	1,211.0	1,031.9	1,007.2	1,243.4	1,398.7
	2024	1,270.9	1,136.8	1,075.3	1,161.7	1,301.7	1,394.8	1,398.2	1,427.7	1,357.2	1,236.4	1,052.4	1,028.1	1,270.9	1,427.7
	2025	1,297.0	1,159.9	1,097.1	1,183.1	1,325.9	1,419.4	1,423.0	1,453.1	1,381.2	1,259.1	1,071.3	1,046.4	1,297.0	1,453.1
	2026	1,320.2	1,180.3	1,116.8	1,201.9	1,347.2	1,440.8	1,444.5	1,475.2	1,402.0	1,279.1	1,088.3	1,063.1	1,320.2	1,475.2
	2027	1,341.5	1,199.0	1,135.2	1,219.9	1,367.5	1,460.9	1,464.8	1,495.9	1,421.5	1,296.4	1,104.1	1,077.3	1,341.5	1,495.9
	2028	1,359.7	1,215.3	1,151.9	1,236.0	1,385.9	1,478.8	1,482.9	1,514.5	1,439.0	1,315.4	1,120.7	1,094.3	1,359.7	1,514.5
	2029	1,381.0	1,234.1	1,169.8	1,253.4	1,405.7	1,498.0	1,502.2	1,534.4	1,457.6	1,325.3	1,129.5	1,101.4	1,381.0	1,534.4
	2030	1,389.0	1,241.4	1,178.6	1,262.4	1,415.9	1,506.9	1,511.1	1,543.6	1,466.2	1,344.0	1,146.5	1,117.8	1,389.0	1,543.6
Projected	2031	1,409.6	1,259.6	1,196.5	1,279.9	1,435.7	1,530.6	1,526.2	1,563.6	1,485.0	1,362.8	1,163.3	1,133.0	1,409.6	1,563.6
	2032	1,429.8	1,277.3	1,214.5	1,297.7	1,455.8	1,546.1	1,550.6	1,584.1	1,504.3	1,382.0	1,179.8	1,149.9	1,429.8	1,584.1
	2033	1,450.7	1,295.8	1,232.4	1,315.9	1,476.4	1,566.4	1,571.1	1,605.2	1,524.2	1,401.5	1,197.0	1,166.3	1,450.7	1,605.2
	2034	1,471.8	1,314.4	1,250.8	1,334.0	1,496.9	1,586.8	1,591.6	1,626.2	1,544.0	1,421.0	1,213.8	1,182.5	1,471.8	1,626.2
	2035	1,492.4	1,332.4	1,268.7	1,352.4	1,517.7	1,607.5	1,612.5	1,647.6	1,564.1	1,427.7	1,220.9	1,186.1	1,492.4	1,647.6
	2036	1,498.1	1,337.4	1,275.7	1,358.3	1,524.0	1,612.8	1,617.6	1,652.9	1,569.2	1,447.1	1,237.1	1,202.5	1,498.1	1,652.9
	2037	1,518.5	1,355.3	1,293.1	1,375.4	1,543.5	1,632.0	1,637.0	1,672.7	1,588.0	1,447.4	1,237.0	1,198.7	1,518.5	1,672.7
	2038	1,514.4	1,350.9	1,292.6	1,376.6	1,544.1	1,630.9	1,635.6	1,671.5	1,587.0	1,466.4	1,254.0	1,214.9	1,514.4	1,671.5
	2039	1,535.1	1,369.1	1,310.8	1,395.1	1,565.0	1,651.7	1,656.5	1,692.9	1,607.2	1,486.2	1,271.8	1,231.0	1,535.1	1,692.9
	2040	1,555.9	1,387.4	1,329.4	1,413.7	1,586.1	1,672.6	1,677.6	1,714.6	1,627.6	1,506.2	1,295.4	1,254.9	1,555.9	1,714.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	52.3%	61.1%	65.0%	61.6%	62.6%	64.4%	66.4%	66.6%	64.6%	61.5%	64.6%	67.9%	53.2%	54.0%
	2012	52.7%	53.6%	67.0%	61.4%	63.7%	62.0%	67.0%	65.7%	64.8%	60.9%	65.4%	64.1%	60.8%	54.0%
	2013	65.0%	55.6%	54.3%	63.9%	62.0%	64.8%	64.5%	66.9%	64.6%	62.7%	62.2%	65.5%	63.4%	53.7%
	2014	57.6%	60.7%	65.2%	58.6%	62.2%	63.9%	65.3%	65.4%	61.5%	60.0%	55.9%	63.1%	59.8%	53.8%
	2015	61.4%	50.7%	64.3%	64.1%	62.6%	63.7%	65.6%	64.6%	63.7%	61.3%	60.3%	66.5%	58.4%	53.6%
	2016	55.1%	54.5%	61.0%	58.3%	62.0%	65.3%	67.2%	65.6%	66.4%	60.7%	63.9%	64.5%	63.7%	52.9%
	2017	57.6%	65.0%	58.5%	57.8%	61.2%	63.1%	65.6%	66.4%	60.2%	60.2%	63.2%	59.9%	68.3%	52.5%
	2018	53.7%	63.5%	61.1%	64.6%	62.3%	64.0%	65.1%	66.3%	66.4%	61.8%	59.1%	58.2%	56.2%	54.2%
	2019	59.3%	61.9%	59.1%	61.7%	61.0%	62.7%	64.6%	65.0%	63.6%	64.5%	58.4%	63.6%	67.5%	53.0%
	2020	55.5%	61.3%	59.9%	58.3%	58.4%	61.4%	64.9%	65.6%	62.0%	59.8%	60.2%	63.9%	65.4%	52.9%
Projected	2021	53.5%	57.9%	60.1%	58.2%	59.5%	62.5%	65.4%	64.6%	63.9%	60.7%	60.5%	63.9%	59.9%	52.4%
	2022	53.4%	57.9%	60.1%	58.3%	59.6%	62.5%	65.4%	64.6%	63.8%	60.6%	60.5%	63.9%	59.5%	52.6%
	2023	53.4%	57.9%	60.0%	58.2%	59.6%	62.4%	65.4%	64.6%	63.8%	60.6%	60.5%	63.9%	59.5%	52.6%
	2024	53.3%	57.8%	59.9%	58.3%	59.6%	62.5%	65.4%	64.6%	63.8%	60.5%	60.4%	63.9%	59.5%	52.7%
	2025	53.3%	57.8%	59.8%	58.3%	59.6%	62.5%	65.4%	64.5%	63.8%	60.4%	60.3%	63.8%	59.2%	52.7%
	2026	53.2%	57.8%	59.6%	58.2%	59.6%	62.5%	65.4%	64.5%	63.8%	60.3%	60.2%	63.8%	59.1%	52.7%
	2027	53.2%	57.7%	59.4%	58.1%	59.5%	62.5%	65.4%	64.5%	63.8%	60.2%	60.0%	63.7%	58.9%	52.7%
	2028	53.1%	57.6%	59.2%	58.0%	59.4%	62.5%	65.4%	64.5%	63.8%	60.2%	59.9%	63.6%	59.0%	52.8%
	2029	53.1%	57.6%	59.1%	58.0%	59.4%	62.5%	65.4%	64.5%	63.7%	60.1%	59.7%	63.6%	58.6%	52.7%
	2030	53.0%	57.6%	58.9%	57.8%	59.2%	62.4%	65.4%	64.5%	63.7%	60.0%	59.5%	63.5%	58.7%	52.7%
Avg.	2011-2020	57.0%	58.8%	61.5%	61.0%	61.8%	63.5%	65.6%	65.8%	64.0%	61.3%	61.3%	63.7%	61.7%	53.4%
	2021-2030	53.3%	57.8%	59.6%	58.1%	59.5%	62.5%	65.4%	64.5%	63.8%	60.4%	60.1%	63.8%	59.2%	52.7%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - High Economic Case
Total Agency - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	1,168.7	900.6	807.1	1,067.7	1,112.3	1,239.2	1,214.4	1,258.2	1,124.9	990.4	852.3	750.1	1,258.3	1,258.2
	2012	1,096.7	1,038.9	871.7	993.3	1,091.1	1,146.8	1,203.3	1,188.3	1,143.4	1,087.3	747.0	830.0	1,096.7	1,203.3
	2013	772.0	1,003.2	1,009.9	958.2	1,073.6	1,176.8	1,156.6	1,222.0	1,164.9	1,067.9	906.6	820.2	1,009.9	1,222.0
	2014	996.9	847.6	703.0	998.1	1,051.7	1,106.0	1,125.7	1,185.1	1,092.9	1,015.0	827.7	795.4	996.9	1,185.1
	2015	850.7	1,128.5	856.5	953.8	1,102.4	1,194.4	1,144.2	1,172.3	1,136.9	1,029.9	1,009.9	853.9	1,128.5	1,194.4
	2016	1,001.8	1,006.1	909.0	1,024.0	1,068.4	1,216.1	1,267.7	1,247.5	1,112.4	989.2	843.2	827.1	1,009.9	1,267.7
	2017	862.5	831.1	919.4	1,105.5	1,173.8	1,177.8	1,215.6	1,236.4	1,157.1	1,122.5	854.2	900.2	919.4	1,236.4
	2018	1,178.9	879.6	844.9	887.1	1,038.0	1,167.3	1,186.3	1,238.9	1,210.0	1,154.7	979.8	888.2	1,178.9	1,238.9
	2019	912.2	895.1	900.2	1,010.5	1,209.6	1,292.4	1,262.0	1,208.8	1,250.3	1,099.8	980.1	782.3	979.8	1,292.4
	2020	1,007.7	890.1	1,022.3	1,013.2	1,138.3	1,281.4	1,239.1	1,270.1	1,268.4	1,108.1	908.7	862.0	1,022.3	1,281.4
Projected	2021	1,109.8	1,006.8	939.0	1,050.1	1,180.7	1,269.4	1,266.0	1,302.6	1,228.4	1,125.7	935.2	891.3	1,109.8	1,302.6
	2022	1,148.0	1,040.9	969.3	1,077.2	1,211.3	1,301.6	1,298.1	1,335.8	1,259.5	1,154.9	956.5	911.1	1,148.0	1,335.8
	2023	1,173.9	1,064.1	991.3	1,100.8	1,238.0	1,329.5	1,326.1	1,364.6	1,286.5	1,180.3	978.0	931.3	1,173.9	1,364.6
	2024	1,200.2	1,087.7	1,014.1	1,124.2	1,264.4	1,357.1	1,353.6	1,393.0	1,313.1	1,205.1	997.5	950.6	1,200.2	1,393.0
	2025	1,224.7	1,109.7	1,034.8	1,145.0	1,287.9	1,381.1	1,377.7	1,417.8	1,336.2	1,227.3	1,015.6	967.6	1,224.7	1,417.8
	2026	1,246.8	1,129.3	1,053.5	1,163.2	1,308.7	1,402.0	1,398.6	1,439.4	1,356.3	1,246.8	1,031.8	983.2	1,246.8	1,439.4
	2027	1,267.1	1,147.4	1,071.0	1,180.6	1,328.5	1,421.7	1,418.3	1,459.8	1,375.2	1,263.7	1,046.9	996.7	1,267.1	1,459.8
	2028	1,285.1	1,163.4	1,086.8	1,196.3	1,346.4	1,439.2	1,435.9	1,478.0	1,392.0	1,282.3	1,062.7	1,012.5	1,285.1	1,478.0
	2029	1,305.3	1,181.3	1,103.9	1,213.1	1,365.6	1,458.0	1,454.7	1,497.4	1,410.0	1,292.2	1,071.3	1,019.4	1,305.3	1,497.4
	2030	1,313.3	1,188.9	1,112.7	1,221.8	1,375.5	1,466.5	1,463.4	1,506.7	1,418.3	1,310.4	1,087.6	1,034.8	1,313.3	1,506.7
Projected	2031	1,333.1	1,206.6	1,129.8	1,238.6	1,394.8	1,485.4	1,482.3	1,526.3	1,436.5	1,328.8	1,103.7	1,049.3	1,333.1	1,526.3
	2032	1,352.7	1,224.0	1,147.0	1,255.9	1,414.4	1,504.8	1,501.6	1,546.3	1,455.1	1,347.6	1,119.4	1,065.0	1,352.7	1,546.3
	2033	1,372.5	1,241.7	1,164.0	1,273.5	1,434.4	1,524.7	1,521.6	1,567.0	1,474.3	1,366.8	1,135.8	1,080.4	1,372.5	1,567.0
	2034	1,392.7	1,259.7	1,181.5	1,291.0	1,454.4	1,544.6	1,541.5	1,587.6	1,493.5	1,385.8	1,151.9	1,095.6	1,392.7	1,587.6
	2035	1,412.4	1,277.3	1,198.6	1,308.8	1,474.6	1,564.8	1,561.7	1,608.5	1,513.0	1,392.6	1,158.8	1,099.5	1,412.4	1,608.5
	2036	1,418.1	1,282.5	1,205.6	1,314.4	1,480.7	1,570.1	1,566.8	1,614.2	1,518.2	1,411.5	1,174.2	1,114.7	1,418.1	1,614.2
	2037	1,437.3	1,299.7	1,222.1	1,331.1	1,499.6	1,588.9	1,585.6	1,633.6	1,536.3	1,412.4	1,174.9	1,112.3	1,437.3	1,633.6
	2038	1,432.5	1,296.9	1,223.0	1,332.1	1,500.3	1,587.7	1,584.7	1,633.1	1,535.5	1,431.0	1,191.2	1,127.6	1,432.5	1,633.1
	2039	1,452.3	1,314.5	1,240.3	1,350.0	1,520.6	1,608.0	1,605.0	1,654.1	1,555.0	1,450.4	1,208.2	1,142.9	1,452.3	1,654.1
	2040	1,472.7	1,332.6	1,258.1	1,368.0	1,541.2	1,628.5	1,625.5	1,675.3	1,574.8	1,469.9	1,230.9	1,165.3	1,472.7	1,675.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.5%	93.9%	91.9%	97.0%	96.3%	97.8%	96.1%	96.8%	94.9%	98.3%	96.7%	90.4%	97.3%	96.8%
	2012	97.9%	95.6%	96.2%	95.9%	95.1%	93.9%	96.2%	96.1%	96.2%	97.6%	88.3%	90.8%	97.9%	96.2%
	2013	87.0%	93.6%	94.4%	95.2%	97.6%	95.8%	95.4%	97.1%	96.4%	96.4%	95.1%	90.8%	94.2%	97.1%
	2014	93.0%	91.9%	86.0%	99.3%	97.8%	97.5%	95.7%	97.4%	94.4%	98.1%	86.1%	90.5%	93.0%	97.4%
	2015	91.7%	98.2%	94.4%	93.9%	97.5%	97.2%	95.4%	96.5%	97.1%	98.5%	98.1%	96.7%	98.2%	97.2%
	2016	94.4%	96.0%	96.4%	98.4%	95.2%	97.5%	98.2%	99.0%	95.2%	92.7%	97.5%	93.5%	95.2%	98.2%
	2017	88.0%	98.3%	94.7%	99.5%	98.3%	98.1%	97.2%	97.6%	96.1%	98.5%	96.2%	93.8%	93.8%	97.6%
	2018	96.7%	94.8%	93.6%	94.8%	96.8%	95.0%	96.3%	98.9%	97.0%	99.1%	95.5%	90.0%	96.7%	98.9%
	2019	91.3%	95.9%	93.5%	98.1%	96.6%	98.6%	98.3%	94.7%	99.2%	95.9%	99.4%	88.2%	95.5%	98.6%
	2020	96.0%	92.7%	96.6%	93.8%	97.1%	97.6%	95.8%	97.4%	97.7%	97.4%	94.7%	92.4%	96.6%	97.6%
Projected	2021	94.3%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.7%	92.4%	94.3%	97.5%
	2022	94.4%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.4%	94.8%	92.4%	94.4%	97.6%
	2023	94.4%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.4%	97.6%
	2024	94.4%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.4%	97.6%
	2025	94.4%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.4%	97.6%
	2026	94.4%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.4%	97.6%
	2027	94.5%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.5%	97.6%
	2028	94.5%	95.7%	94.4%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.5%	97.6%
	2029	94.5%	95.7%	94.4%	96.8%	97.2%	97.3%	96.8%	97.6%	96.7%	97.5%	94.9%	92.6%	94.5%	97.6%
	2030	94.5%	95.8%	94.4%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.9%	92.6%	94.5%	97.6%
	2011-2020	93.4%	95.1%	93.8%	96.6%	96.8%	96.9%	96.5%	97.1%	96.4%	97.3%	94.7%	91.7%	95.8%	97.5%
	2021-2030	94.4%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.4%	97.6%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - High Economic Case
FP&L Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	2,805,902	-	2,743,469	-	-2.2%	544.4	-	515.1	-	-5.4%	534.8	-	509.2		-4.8%
	2012	2,709,712	-3.4%	2,761,124	0.6%	1.9%	469.7	-13.7%	453.2	-12.0%	-3.5%	527.2	-1.4%	545.0	7.0%	3.4%
	2013	2,693,753	-0.6%	2,739,574	-0.8%	1.7%	425.0	-9.5%	423.7	-6.5%	-0.3%	524.0	-0.6%	533.8	-2.0%	1.9%
	2014	2,437,324	-9.5%	2,417,176	-11.8%	-0.8%	384.4	-9.5%	415.5	-1.9%	8.1%	452.1	-13.7%	456.0	-14.6%	0.9%
	2015	2,366,430	-2.9%	2,337,824	-3.3%	-1.2%	456.4	18.7%	386.1	-7.1%	-15.4%	444.3	-1.7%	453.0	-0.6%	2.0%
	2016	2,436,956	3.0%	2,388,099	2.2%	-2.0%	390.9	-14.3%	403.9	4.6%	3.3%	484.9	9.1%	467.6	3.2%	-3.6%
	2017	2,341,144	-3.9%	2,315,068	-3.1%	-1.1%	344.6	-11.9%	361.2	-10.6%	4.8%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,318,307	0.1%	-1.6%	446.1	29.5%	429.5	18.9%	-3.7%	464.7	-0.5%	470.9	-1.1%	1.3%
	2019	2,399,054	1.8%	2,310,655	-0.3%	-3.7%	364.8	-18.2%	429.3	-0.1%	17.7%	470.0	1.1%	459.7	-2.4%	-2.2%
	2020	2,378,062	-0.9%	2,357,880	2.0%	-0.8%	355.3	-2.6%	412.9	-3.8%	16.2%	475.6	1.2%	478.8	4.1%	0.7%
Projected	2021	2,371,456	-0.3%	2,371,456	0.6%		393.7	10.8%	393.7	-4.7%		470.2	-1.1%	470.2	-1.8%	
	2022			2,419,562	2.0%				404.4	2.7%				477.7	1.6%	
	2023			2,449,945	1.3%				409.7	1.3%				483.5	1.2%	
	2024			2,487,812	1.5%				414.0	1.1%				489.8	1.3%	
	2025			2,514,186	1.1%				420.3	1.5%				495.5	1.2%	
	2026			2,540,458	1.0%				425.2	1.2%				500.5	1.0%	
	2027			2,564,353	0.9%				429.5	1.0%				505.3	0.9%	
	2028			2,592,639	1.1%				432.7	0.7%				510.0	0.9%	
	2029			2,611,432	0.7%				437.9	1.2%				514.6	0.9%	
	2030			2,581,414	-1.1%				430.3	-1.7%				508.8	-1.1%	
	2031			2,602,503	0.8%				433.8	0.8%				513.0	0.8%	
	2032			2,628,666	1.0%				436.5	0.6%				517.5	0.9%	
	2033			2,646,416	0.7%				441.2	1.1%				522.0	0.9%	
	2034			2,668,980	0.9%				445.0	0.9%				526.5	0.9%	
	2035			2,691,480	0.8%				448.7	0.8%				531.0	0.9%	
	2036			2,645,979	-1.7%				437.0	-2.6%				520.4	-2.0%	
	2037			2,661,215	0.6%				441.4	1.0%				524.2	0.7%	
	2038			2,580,531	-3.0%				420.8	-4.7%				506.7	-3.3%	
	2039			2,599,275	0.7%				423.8	0.7%				510.6	0.8%	
	2040			2,623,745	0.9%				426.2	0.6%				514.6	0.8%	
CAGR^[3]	2011-2020		-1.8%		-1.7%			-4.6%		-2.4%			-1.3%		-0.7%	
	2021-2030				0.9%					1.0%					0.9%	
	2031-2040				0.1%					-0.2%					0.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - High Economic Case
FP&L Cities - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	2,805,902	-	2,805,902	-	574.7	568.1	574.7	568.1	544.4	534.8	544.4	534.8
	2012	2,709,712	-3.4%	2,709,712	-3.4%	487.9	552.6	487.9	552.6	469.7	527.2	469.7	527.2
	2013	2,693,753	-0.6%	2,693,753	-0.6%	490.6	541.5	490.6	541.5	425.0	524.0	425.0	524.0
	2014	2,437,324	-9.5%	2,437,324	-9.5%	446.5	475.7	446.5	475.7	384.4	452.1	408.2	452.6
	2015	2,366,430	-2.9%	2,366,430	-2.9%	476.8	478.3	476.8	478.3	456.4	444.3	456.4	450.7
	2016	2,436,956	3.0%	2,436,956	3.0%	437.5	501.8	437.5	501.8	390.9	484.9	390.9	484.9
	2017	2,341,144	-3.9%	2,341,144	-3.9%	411.0	485.1	411.0	485.1	344.6	467.3	344.6	467.3
	2018	2,355,507	0.6%	2,355,507	0.6%	474.7	475.7	474.7	475.7	446.1	464.7	446.1	464.7
	2019	2,399,054	1.8%	2,399,054	1.8%	403.8	492.9	403.8	492.9	364.8	470.0	364.8	470.0
	2020	2,378,062	-0.9%	2,380,009	-0.8%	414.8	490.7	451.0	487.6	355.3	475.6	399.0	465.6
Projected	2021	2,371,456	-0.3%	2,423,283	1.8%	447.1	492.3	463.5	498.9	393.7	470.2	410.4	476.4
	2022	2,419,562	2.0%	2,453,497	1.2%	458.9	500.1	471.2	504.3	404.4	477.7	417.5	481.6
	2023	2,449,945	1.3%	2,478,201	1.0%	464.9	506.3	476.5	509.2	409.7	483.5	422.2	486.3
	2024	2,487,812	1.5%	2,505,734	1.1%	470.0	512.9	479.9	514.2	414.0	489.8	425.4	491.0
	2025	2,514,186	1.1%	2,524,831	0.8%	477.4	518.9	486.2	519.1	420.3	495.5	431.0	495.8
	2026	2,540,458	1.0%	2,546,958	0.9%	482.9	524.2	491.0	523.7	425.2	500.5	435.4	500.1
	2027	2,564,353	0.9%	2,567,381	0.8%	487.9	529.1	495.3	528.0	429.5	505.3	439.4	504.2
	2028	2,592,639	1.1%	2,591,381	0.9%	491.2	534.1	498.1	532.0	432.7	510.0	442.1	508.1
	2029	2,611,432	0.7%	2,605,137	0.5%	497.2	539.0	503.3	535.8	437.9	514.6	446.8	511.7
	2030	2,581,414	-1.1%	2,625,209	0.8%	489.2	532.9	494.4	528.7	430.3	508.8	438.3	504.8
	2031	2,602,503	0.8%	2,645,243	0.8%	493.2	537.2	497.6	532.2	433.8	513.0	441.3	508.2
	2032	2,628,666	1.0%	2,671,116	1.0%	496.1	541.9	500.0	536.1	436.5	517.5	443.5	511.9
	2033	2,646,416	0.7%	2,687,640	0.6%	501.6	546.6	504.8	539.7	441.2	522.0	447.7	515.4
	2034	2,668,980	0.9%	2,708,449	0.8%	505.9	551.3	508.3	543.3	445.0	526.5	450.8	518.9
	2035	2,691,480	0.8%	2,728,982	0.8%	510.1	556.1	511.6	547.0	448.7	531.0	453.8	522.4
	2036	2,645,979	-1.7%	2,675,127	-2.0%	498.1	544.9	497.4	533.5	437.0	520.4	440.1	509.5
	2037	2,661,215	0.6%	2,688,266	0.5%	503.3	548.9	501.6	536.3	441.4	524.2	443.7	512.2
	2038	2,580,531	-3.0%	2,525,432	-6.1%	483.1	530.5	480.6	517.0	420.8	506.7	422.4	493.9
	2039	2,599,275	0.7%	2,539,196	0.5%	486.5	534.5	483.2	520.0	423.8	510.6	424.8	496.7
	2040	2,623,745	0.9%			489.1	538.7			426.2	514.6		
CAGR ^[1]	Historical		-1.8%		-1.9%	-3.6%	-1.6%	-4.3%	-1.8%	-3.4%	-1.3%	-3.5%	-1.6%
	1st 10 Prj Yrs		0.9%		1.0%	1.0%	0.9%	1.2%	1.1%	1.0%	0.9%	1.3%	1.1%
	2nd 10 Prj Yrs		0.1%		-0.4%	-0.1%	0.0%	-0.3%	-0.2%	-0.2%	0.0%	-0.3%	-0.2%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
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[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case
FP&L Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	2,805,902	-	2,743,469	-	-2.2%	544.4	-	515.1	-	-5.4%	534.8	-	509.2	-	-4.8%
	2012	2,709,712	-3.4%	2,761,124	0.6%	1.9%	469.7	-13.7%	453.2	-12.0%	-3.5%	527.2	-1.4%	545.0	7.0%	3.4%
	2013	2,693,753	-0.6%	2,739,574	-0.8%	1.7%	425.0	-9.5%	423.7	-6.5%	-0.3%	524.0	-0.6%	533.8	-2.0%	1.9%
	2014	2,437,324	-9.5%	2,417,176	-11.8%	-0.8%	384.4	-9.5%	415.5	-1.9%	8.1%	452.1	-13.7%	456.0	-14.6%	0.9%
	2015	2,366,430	-2.9%	2,337,824	-3.3%	-1.2%	456.4	18.7%	386.1	-7.1%	-15.4%	444.3	-1.7%	453.0	-0.6%	2.0%
	2016	2,436,956	3.0%	2,388,099	2.2%	-2.0%	390.9	-14.3%	403.9	4.6%	3.3%	484.9	9.1%	467.6	3.2%	-3.6%
	2017	2,341,144	-3.9%	2,315,068	-3.1%	-1.1%	344.6	-11.9%	361.2	-10.6%	4.8%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,318,307	0.1%	-1.6%	446.1	29.5%	429.5	18.9%	-3.7%	464.7	-0.5%	470.9	-1.1%	1.3%
	2019	2,399,054	1.8%	2,310,655	-0.3%	-3.7%	364.8	-18.2%	429.3	-0.1%	17.7%	470.0	1.1%	459.7	-2.4%	-2.2%
	2020	2,378,062	-0.9%	2,313,635	0.1%	-2.7%	355.3	-2.6%	412.9	-3.8%	16.2%	475.6	1.2%	478.8	4.1%	0.7%
Projected	2021	2,369,150	-0.4%	2,369,150	2.4%		393.7	10.8%	393.7	-4.7%		469.6	-1.3%	469.6	-1.9%	
	2022			2,416,542	2.0%				404.4	2.7%				476.9	1.6%	
	2023			2,446,208	1.2%				409.7	1.3%				482.6	1.2%	
	2024			2,483,261	1.5%				414.0	1.1%				488.7	1.3%	
	2025			2,508,754	1.0%				420.3	1.5%				494.2	1.1%	
	2026			2,533,803	1.0%				425.2	1.2%				499.0	1.0%	
	2027			2,556,367	0.9%				429.5	1.0%				503.4	0.9%	
	2028			2,583,228	1.1%				432.7	0.7%				507.8	0.9%	
	2029			2,600,548	0.7%				437.9	1.2%				512.1	0.8%	
	2030			2,568,978	-1.2%				430.3	-1.7%				505.9	-1.2%	
	2031			2,589,050	0.8%				433.8	0.8%				509.8	0.8%	
	2032			2,614,153	1.0%				436.5	0.6%				514.0	0.8%	
	2033			2,630,926	0.6%				441.2	1.1%				518.3	0.8%	
	2034			2,652,441	0.8%				445.0	0.9%				522.5	0.8%	
	2035			2,673,950	0.8%				448.7	0.8%				526.8	0.8%	
	2036			2,627,687	-1.7%				437.0	-2.6%				516.1	-2.0%	
	2037			2,641,826	0.5%				441.4	1.0%				519.6	0.7%	
	2038			2,561,330	-3.0%				420.8	-4.7%				502.2	-3.4%	
	2039			2,578,834	0.7%				423.8	0.7%				505.7	0.7%	
	2040			2,602,033	0.9%				426.2	0.6%				509.4	0.7%	
CAGR^[3]	2011-2020		-1.8%		-1.9%			-4.6%		-2.4%			-1.3%		-0.7%	
	2021-2030				0.9%					1.0%					0.8%	
	2031-2040				0.1%					-0.2%					0.0%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - High Economic Case
FP&L Cities - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	209,012	180,449	196,232	225,664	249,124	267,493	286,323	292,471	259,771	216,575	192,071	192,271	2,767,453	2,805,902
	2012	197,794	187,479	206,843	206,993	244,678	252,612	284,965	274,837	252,594	233,692	181,737	197,699	2,721,923	2,709,712
	2013	196,118	182,394	194,421	211,947	230,928	261,547	266,045	283,574	253,653	238,380	200,557	202,386	2,721,950	2,693,753
	2014	187,229	159,573	167,998	174,913	203,678	214,694	235,507	242,749	209,660	191,583	158,846	167,343	2,313,772	2,437,324
	2015	173,824	159,676	177,850	191,364	213,975	229,122	243,920	240,108	218,819	198,016	185,657	180,873	2,413,205	2,366,430
	2016	176,709	160,492	176,455	177,928	209,878	234,796	261,639	250,374	224,138	196,875	162,861	175,563	2,407,707	2,436,956
	2017	170,310	151,110	171,235	184,929	216,561	221,569	247,242	248,927	193,963	205,846	163,545	170,519	2,345,756	2,341,144
	2018	188,426	157,451	162,979	173,406	195,681	221,893	239,768	241,884	234,109	213,042	174,519	168,935	2,372,093	2,355,507
	2019	170,522	154,951	169,495	181,670	222,056	233,175	244,074	242,407	224,207	216,013	164,358	165,173	2,388,102	2,399,054
	2020	169,285	161,203	180,851	177,962	195,978	224,682	246,206	248,900	227,449	199,089	162,165	167,564	2,361,335	2,378,062
Projected	2021	181,138	158,604	175,143	177,306	205,259	224,864	244,473	246,371	227,174	204,160	166,611	171,891	2,382,994	2,369,150
	2022	185,790	162,473	179,130	180,535	208,601	228,462	248,289	250,035	230,565	207,019	168,830	174,147	2,423,876	2,416,542
	2023	188,083	164,352	181,169	182,661	211,088	231,085	251,186	253,101	233,487	209,708	171,240	176,681	2,453,841	2,446,208
	2024	190,638	171,006	183,693	185,211	213,915	234,151	254,369	256,192	236,457	212,342	173,401	179,053	2,490,428	2,483,261
	2025	193,081	168,669	185,966	187,490	216,500	236,892	257,258	259,036	239,066	214,592	175,232	181,019	2,514,801	2,508,754
	2026	195,163	170,420	187,817	189,317	218,606	239,166	259,708	261,468	241,297	216,530	176,784	182,715	2,538,990	2,533,803
	2027	197,015	171,989	189,464	190,951	220,512	241,251	261,987	263,760	243,408	218,382	178,274	184,337	2,561,330	2,556,367
	2028	198,805	178,113	191,076	192,564	222,403	243,339	264,294	266,090	245,551	220,279	179,788	185,970	2,588,272	2,583,228
	2029	200,609	175,077	192,664	194,142	224,242	245,361	266,513	268,321	247,582	217,977	177,471	183,464	2,593,422	2,600,548
	2030	197,961	172,667	190,147	191,764	221,557	242,476	263,489	265,282	244,723	219,742	178,873	184,956	2,573,637	2,568,978
Projected	2031	199,624	174,026	191,565	193,181	223,212	244,317	265,542	267,369	246,645	221,346	180,118	186,282	2,593,225	2,589,050
	2032	201,132	180,120	193,074	194,685	224,983	246,300	267,759	269,627	248,727	223,194	181,571	187,817	2,618,989	2,614,153
	2033	202,867	176,916	194,603	196,213	226,769	248,297	269,991	271,886	250,801	225,036	183,005	189,327	2,635,713	2,630,926
	2034	204,564	178,416	196,172	197,770	228,580	250,311	272,231	274,156	252,873	226,873	184,435	190,819	2,657,200	2,652,441
	2035	206,248	179,884	197,716	199,315	230,387	252,330	274,493	276,460	254,988	222,934	180,859	186,707	2,662,321	2,673,950
	2036	202,103	181,169	194,002	195,684	225,975	247,512	269,252	271,213	250,277	224,691	182,213	188,127	2,632,219	2,627,687
	2037	203,691	177,785	195,353	197,018	227,518	249,215	271,132	273,100	251,983	218,418	176,519	181,742	2,623,473	2,641,826
	2038	196,628	172,067	189,607	191,444	220,881	241,738	263,032	264,892	244,362	219,882	177,650	182,944	2,565,126	2,561,330
	2039	197,991	173,256	190,846	192,692	222,355	243,397	264,900	266,801	246,121	221,447	178,865	184,242	2,582,914	2,578,834
	2040	199,467	179,184	192,167	194,014	223,910	245,141	266,857	268,792	247,946	223,061	180,110	185,566	2,606,215	2,602,033

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.6%	6.5%	7.1%	8.2%	9.0%	9.7%	10.3%	10.6%	9.4%	7.8%	6.9%	6.9%	100.0%
	2012	7.3%	6.9%	7.6%	7.6%	9.0%	9.3%	10.5%	10.1%	9.3%	8.6%	6.7%	7.3%	100.0%
	2013	7.2%	6.7%	7.1%	7.8%	8.5%	9.6%	9.8%	10.4%	9.3%	8.8%	7.4%	7.4%	100.0%
	2014	8.1%	6.9%	7.3%	7.6%	8.8%	9.3%	10.2%	10.5%	9.1%	8.3%	6.9%	7.2%	100.0%
	2015	7.2%	6.6%	7.4%	7.9%	8.9%	9.5%	10.1%	9.9%	9.1%	8.2%	7.7%	7.5%	100.0%
	2016	7.3%	6.7%	7.3%	7.4%	8.7%	9.8%	10.9%	10.4%	9.3%	8.2%	6.8%	7.3%	100.0%
	2017	7.3%	6.4%	7.3%	7.9%	9.2%	9.4%	10.5%	10.6%	8.3%	8.8%	7.0%	7.3%	100.0%
	2018	7.9%	6.6%	6.9%	7.3%	8.2%	9.4%	10.1%	10.2%	9.9%	9.0%	7.4%	7.1%	100.0%
	2019	7.1%	6.5%	7.1%	7.6%	9.3%	9.8%	10.2%	10.2%	9.4%	9.0%	6.9%	6.9%	100.0%
	2020	7.2%	6.8%	7.7%	7.5%	8.3%	9.5%	10.4%	10.5%	9.6%	8.4%	6.9%	7.1%	100.0%
Projected	2021	7.6%	6.7%	7.3%	7.4%	8.6%	9.4%	10.3%	10.3%	9.5%	8.6%	7.0%	7.2%	100.0%
	2022	7.7%	6.7%	7.4%	7.4%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2023	7.7%	6.7%	7.4%	7.4%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2024	7.7%	6.9%	7.4%	7.4%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2025	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2026	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2027	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2028	7.7%	6.9%	7.4%	7.4%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	6.9%	7.2%	100.0%
	2029	7.7%	6.8%	7.4%	7.5%	8.6%	9.5%	10.3%	10.3%	9.5%	8.4%	6.8%	7.1%	100.0%
	2030	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
Avg.	2011-2020	7.4%	6.7%	7.3%	7.7%	8.8%	9.5%	10.3%	10.3%	9.3%	8.5%	7.0%	7.2%	100.0%
	2021-2030	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
 Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - High Economic Case
FP&L Cities - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	517.1	423.2	411.9	473.5	498.9	542.9	550.9	568.1	523.7	455.1	404.6	375.4	574.7	568.1
	2012	487.9	487.6	399.4	449.5	500.1	545.1	552.6	534.3	512.8	485.9	390.0	430.0	487.9	552.6
	2013	411.5	490.6	480.3	444.2	478.7	540.0	525.0	541.5	525.7	492.0	435.7	413.3	490.6	541.5
	2014	446.5	394.1	349.8	383.9	418.3	445.4	470.8	475.7	458.0	405.6	409.8	354.2	446.5	475.7
	2015	384.0	476.8	356.4	417.3	437.7	471.5	478.3	469.9	455.3	408.9	401.6	358.8	476.8	478.3
	2016	437.5	426.1	379.0	400.0	431.8	481.4	501.8	484.4	453.7	423.9	344.6	363.7	437.5	501.8
	2017	411.0	333.6	388.3	411.6	456.4	458.5	480.1	485.1	461.3	426.9	355.2	391.3	411.0	485.1
	2018	474.7	357.3	372.6	366.9	396.1	469.7	475.7	470.6	471.8	429.8	403.8	403.0	474.7	475.7
	2019	402.2	362.5	381.8	390.3	458.8	486.4	484.7	492.9	469.2	431.3	376.0	353.3	403.8	492.9
	2020	414.8	389.6	385.3	409.6	421.6	490.7	489.8	487.6	484.9	428.0	364.3	371.7	414.8	490.7
Projected	2021	447.1	408.5	375.1	403.5	445.7	486.1	490.2	491.7	471.6	427.5	369.1	381.2	447.1	491.7
	2022	458.9	419.2	382.8	409.7	452.6	493.7	497.9	499.4	478.9	434.2	374.2	386.1	458.9	499.4
	2023	464.9	424.6	387.7	414.7	458.1	499.6	503.9	505.4	484.7	439.4	378.3	390.5	464.9	505.4
	2024	470.0	429.4	392.3	420.0	464.0	506.0	510.3	511.8	490.8	445.0	383.7	396.9	470.0	511.8
	2025	477.4	436.4	397.3	424.8	469.4	511.8	516.1	517.6	496.3	450.1	388.1	401.4	477.4	517.6
	2026	482.9	441.4	401.4	428.8	474.0	516.7	521.1	522.6	501.0	454.5	391.8	405.4	482.9	522.6
	2027	487.9	445.9	405.4	432.7	478.3	521.3	525.7	527.2	505.4	458.6	394.9	408.0	487.9	527.2
	2028	491.2	448.9	408.9	436.6	482.6	525.9	530.4	531.9	509.9	462.7	399.0	413.1	491.2	531.9
	2029	497.2	454.5	413.1	440.3	486.8	530.2	534.8	536.4	514.1	458.0	394.7	407.7	497.2	536.4
	2030	489.2	447.8	407.8	435.4	481.2	524.1	528.5	529.9	508.1	461.5	398.1	411.1	489.2	529.9
Projected	2031	493.2	451.4	411.1	438.9	485.0	528.2	532.7	534.0	512.0	465.2	400.7	413.1	493.2	534.0
	2032	496.1	453.9	414.3	442.6	489.1	532.6	537.1	538.5	516.3	469.1	404.6	417.9	496.1	538.5
	2033	501.6	459.0	418.3	446.3	493.3	537.0	541.5	542.9	520.5	473.1	408.1	421.4	501.6	542.9
	2034	505.9	463.0	422.0	450.0	497.4	541.4	546.0	547.4	524.8	477.0	411.5	424.8	505.9	547.4
	2035	510.1	466.8	425.6	453.8	501.6	545.8	550.5	551.9	529.1	468.1	404.1	414.7	510.1	551.9
	2036	498.1	456.1	417.4	445.3	491.6	535.1	539.5	540.6	518.6	472.0	407.8	419.2	498.1	540.6
	2037	503.3	460.9	421.0	448.4	495.0	538.8	543.2	544.3	522.2	457.1	394.6	403.0	503.3	544.3
	2038	483.1	442.5	406.4	434.8	479.0	521.3	525.3	525.9	505.1	460.3	397.5	405.8	483.1	525.9
	2039	486.5	445.7	409.4	437.9	482.5	525.0	529.1	529.6	508.7	463.7	400.2	407.8	486.5	529.6
	2040	489.1	447.9	412.3	441.2	486.1	528.8	533.0	533.5	512.4	467.2	403.6	412.4	489.1	533.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.3%	63.5%	64.0%	66.2%	67.1%	68.4%	69.9%	69.2%	68.9%	64.0%	65.9%	68.8%	55.0%	56.4%
	2012	54.5%	55.2%	69.6%	64.0%	65.8%	64.4%	69.3%	69.1%	68.4%	64.6%	64.7%	61.8%	63.7%	56.0%
	2013	64.1%	55.3%	54.4%	66.3%	64.8%	67.3%	68.1%	70.4%	67.0%	65.1%	63.9%	65.8%	63.3%	56.8%
	2014	56.4%	60.2%	64.6%	63.3%	65.4%	66.9%	67.2%	68.6%	63.6%	63.5%	53.8%	63.5%	59.1%	58.5%
	2015	60.8%	49.8%	67.1%	63.7%	65.7%	67.5%	68.5%	68.7%	66.8%	65.1%	64.2%	67.8%	57.8%	56.5%
	2016	54.3%	54.1%	62.6%	61.8%	65.3%	67.7%	70.1%	69.5%	68.6%	62.4%	65.6%	64.9%	62.8%	55.4%
	2017	55.7%	67.4%	59.3%	62.4%	63.8%	67.1%	69.2%	69.0%	58.4%	64.8%	63.9%	58.6%	65.2%	55.1%
	2018	53.4%	65.6%	58.8%	65.6%	66.4%	65.6%	67.7%	69.1%	68.9%	66.6%	60.0%	56.3%	57.0%	56.5%
	2019	57.0%	63.6%	59.7%	64.7%	65.1%	66.6%	67.7%	66.1%	66.4%	67.3%	60.7%	62.8%	67.5%	55.6%
	2020	54.9%	59.4%	63.1%	60.3%	62.5%	63.6%	67.6%	68.6%	65.2%	62.5%	61.8%	60.6%	65.0%	55.3%
Projected	2021	54.5%	57.8%	62.8%	61.0%	61.9%	64.2%	67.0%	67.3%	66.9%	64.2%	62.7%	60.6%	60.8%	55.0%
	2022	54.4%	57.7%	62.9%	61.2%	61.9%	64.3%	67.0%	67.3%	66.9%	64.1%	62.7%	60.6%	60.3%	55.2%
	2023	54.4%	57.6%	62.8%	61.2%	61.9%	64.2%	67.0%	67.3%	66.9%	64.1%	62.9%	60.8%	60.3%	55.3%
	2024	54.5%	57.2%	62.9%	61.3%	62.0%	64.3%	67.0%	67.3%	66.9%	64.1%	62.8%	60.6%	60.5%	55.4%
	2025	54.4%	57.5%	62.9%	61.3%	62.0%	64.3%	67.0%	67.3%	66.9%	64.1%	62.7%	60.6%	60.1%	55.3%
	2026	54.3%	57.4%	62.9%	61.3%	62.0%	64.3%	67.0%	67.2%	66.9%	64.0%	62.7%	60.6%	60.0%	55.3%
	2027	54.3%	57.4%	62.8%	61.3%	62.0%	64.3%	67.0%	67.2%	66.9%	64.0%	62.7%	60.7%	59.9%	55.3%
	2028	54.4%	57.0%	62.8%	61.3%	61.9%	64.3%	67.0%	67.2%	66.9%	64.0%	62.6%	60.5%	60.1%	55.4%
	2029	54.2%	57.3%	62.7%	61.2%	61.9%	64.3%	67.0%	67.2%	66.9%	64.0%	62.5%	60.5%	59.5%	55.3%
	2030	54.4%	57.4%	62.7%	61.2%	61.9%	64.3%	67.0%	67.3%	66.9%	64.0%	62.4%	60.5%	60.1%	55.3%
Avg.	2011-2020	56.5%	59.4%	62.3%	63.8%	65.2%	66.5%	68.5%	68.8%	66.2%	64.6%	62.5%	63.1%	61.6%	56.2%
	2021-2030	54.4%	57.4%	62.8%	61.2%	61.9%	64.3%	67.0%	67.3%	66.9%	64.1%	62.7%	60.6%	60.2%	55.3%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - High Economic Case
FP&L Cities - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	500.8	365.5	374.8	458.0	465.0	519.7	523.8	534.8	472.2	443.3	385.4	340.4	544.4	534.8
	2012	469.7	440.5	381.5	430.4	470.5	487.5	527.2	502.8	475.1	467.8	343.0	349.1	469.7	527.2
	2013	321.0	423.2	425.0	423.2	466.1	515.3	478.7	524.0	503.5	465.1	408.2	370.8	425.0	524.0
	2014	384.4	331.5	304.0	378.9	404.1	424.2	452.6	452.1	412.6	392.8	322.8	308.9	384.4	452.1
	2015	319.7	456.4	333.9	368.4	434.7	444.3	450.7	438.2	446.2	397.9	390.9	340.3	456.4	444.3
	2016	383.2	384.8	358.7	388.2	394.5	457.4	484.9	474.4	425.5	365.9	333.5	328.8	390.9	484.9
	2017	306.6	323.4	344.6	406.6	447.4	440.6	461.4	467.3	446.0	418.5	323.3	338.7	344.6	467.3
	2018	446.1	325.5	329.8	336.6	378.2	452.3	441.9	464.7	454.6	422.7	364.8	331.2	446.1	464.7
	2019	334.6	333.8	336.9	376.5	427.8	470.0	468.5	438.7	459.7	404.2	374.7	304.6	364.8	470.0
	2020	372.6	340.9	355.3	382.9	406.7	475.6	466.8	468.6	464.9	410.3	335.3	328.4	355.3	475.6
Projected	2021	393.7	369.9	342.0	384.9	427.7	463.4	467.0	469.6	448.2	410.0	339.7	337.0	393.7	469.6
	2022	404.4	379.7	349.0	390.8	434.5	470.6	474.3	476.9	455.1	416.4	344.4	341.3	404.4	476.9
	2023	409.7	384.6	353.5	395.6	439.7	476.3	480.0	482.6	460.6	421.4	348.2	345.1	409.7	482.6
	2024	414.0	388.8	357.5	400.6	445.3	482.3	486.0	488.7	466.3	426.8	353.1	350.5	414.0	488.7
	2025	420.3	394.9	362.0	405.2	450.4	487.8	491.6	494.2	471.6	431.6	357.1	354.4	420.3	494.2
	2026	425.2	399.3	365.8	409.1	454.9	492.5	496.3	499.0	476.0	435.8	360.5	358.0	425.2	499.0
	2027	429.5	403.4	369.4	412.7	459.0	496.9	500.7	503.4	480.2	439.7	363.4	360.4	429.5	503.4
	2028	432.7	406.1	372.5	416.4	463.2	501.2	505.1	507.8	484.4	443.6	367.2	364.7	432.7	507.8
	2029	437.9	411.1	376.3	420.0	467.2	505.4	509.4	512.1	488.4	439.1	363.2	359.8	437.9	512.1
	2030	430.3	404.9	371.6	415.1	461.6	499.2	503.3	505.9	482.5	442.5	366.3	362.9	430.3	505.9
Projected	2031	433.8	408.1	374.6	418.4	465.3	503.1	507.2	509.8	486.3	446.0	368.7	364.7	433.8	509.8
	2032	436.5	410.6	377.5	422.0	469.3	507.3	511.5	514.0	490.3	449.8	372.3	368.9	436.5	514.0
	2033	441.2	415.1	381.1	425.5	473.2	511.4	515.7	518.3	494.3	453.6	375.5	372.0	441.2	518.3
	2034	445.0	418.7	384.5	429.0	477.2	515.6	519.9	522.5	498.3	457.4	378.7	375.1	445.0	522.5
	2035	448.7	422.2	387.8	432.6	481.2	519.9	524.2	526.8	502.4	448.7	371.5	366.0	448.7	526.8
	2036	437.0	411.9	380.1	424.2	471.3	509.4	513.6	516.1	492.5	452.4	375.0	369.9	437.0	516.1
	2037	441.4	416.1	383.4	427.2	474.6	512.9	517.1	519.6	495.8	438.4	363.0	355.6	441.4	519.6
	2038	420.8	399.4	370.6	413.8	458.9	495.5	500.0	502.2	479.4	441.5	365.7	358.1	420.8	502.2
	2039	423.8	402.3	373.3	416.8	462.3	499.0	503.6	505.7	482.8	444.7	368.2	359.9	423.8	505.7
	2040	426.2	404.4	375.9	420.0	465.8	502.7	507.3	509.4	486.3	448.0	371.3	363.9	426.2	509.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	96.9%	86.4%	91.0%	96.7%	93.2%	95.7%	95.1%	94.1%	90.2%	97.4%	95.2%	90.7%	94.7%	94.1%
	2012	96.3%	90.3%	95.5%	95.7%	94.1%	89.4%	95.4%	94.1%	92.7%	96.3%	88.0%	81.2%	96.3%	95.4%
	2013	78.0%	86.3%	88.5%	95.3%	97.4%	95.4%	91.2%	96.8%	95.8%	94.5%	93.7%	89.7%	86.6%	96.8%
	2014	86.1%	84.1%	86.9%	98.7%	96.6%	95.2%	96.1%	95.0%	90.1%	96.8%	78.8%	87.2%	86.1%	95.0%
	2015	83.3%	95.7%	93.7%	88.3%	99.3%	94.2%	94.2%	93.3%	98.0%	97.3%	97.3%	94.8%	95.7%	92.9%
	2016	87.6%	90.3%	94.6%	97.0%	91.4%	95.0%	96.6%	97.9%	93.8%	96.3%	96.8%	90.4%	89.3%	96.6%
	2017	74.6%	96.9%	88.7%	98.8%	98.0%	96.1%	96.1%	96.3%	96.7%	98.0%	91.0%	86.6%	83.8%	96.3%
	2018	94.0%	91.1%	88.5%	91.7%	95.5%	96.3%	92.9%	98.7%	96.4%	98.4%	90.3%	82.2%	94.0%	97.7%
	2019	83.2%	92.1%	88.2%	96.5%	93.2%	96.6%	96.7%	89.0%	98.0%	93.7%	99.6%	86.2%	90.3%	95.3%
	2020	89.8%	87.5%	92.2%	93.5%	96.5%	96.9%	95.3%	96.1%	95.9%	95.9%	92.0%	88.4%	85.7%	96.9%
Projected	2021	88.1%	90.6%	91.2%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.4%	88.1%	95.5%
	2022	88.1%	90.6%	91.2%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.4%	88.1%	95.5%
	2023	88.1%	90.6%	91.2%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.4%	88.1%	95.5%
	2024	88.1%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.1%	95.5%
	2025	88.0%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.0%	95.5%
	2026	88.0%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.0%	95.5%
	2027	88.0%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.0%	95.5%
	2028	88.1%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.1%	95.5%
	2029	88.1%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.1%	95.5%
	2030	88.0%	90.4%	91.1%	95.3%	95.9%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.0%	95.5%
	2011-2020	87.0%	90.1%	90.8%	95.2%	95.5%	95.1%	95.0%	95.1%	94.7%	95.5%	92.3%	87.7%	90.3%	95.7%
	2021-2030	88.1%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.1%	95.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - High Economic Case
Duke Energy Florida Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,930,773	-	1,862,167	-	-3.6%	416.1	-	400.8	-	-3.7%	407.5	-	381.7	-	-6.3%
	2012	1,820,328	-5.7%	1,841,720	-1.1%	1.2%	381.2	-8.4%	367.8	-8.2%	-3.5%	373.5	-8.3%	421.5	10.4%	12.9%
	2013	1,827,744	0.4%	1,842,068	0.0%	0.8%	342.2	-10.2%	345.3	-6.1%	0.9%	391.2	4.7%	401.1	-4.8%	2.5%
	2014	1,853,952	1.4%	1,858,357	0.9%	0.2%	371.1	8.5%	390.7	13.2%	5.3%	406.2	3.8%	407.7	1.6%	0.4%
	2015	1,900,777	2.5%	1,866,466	0.4%	-1.8%	407.3	9.7%	393.1	0.6%	-3.5%	419.3	3.2%	425.7	4.4%	1.5%
	2016	1,957,034	3.0%	1,909,678	2.3%	-2.4%	342.9	-15.8%	387.1	-1.5%	12.9%	428.8	2.3%	420.1	-1.3%	-2.0%
	2017	1,903,845	-2.7%	1,923,613	0.7%	1.0%	308.1	-10.2%	352.9	-8.8%	14.6%	423.5	-1.2%	441.7	5.1%	4.3%
	2018	1,959,853	2.9%	1,914,159	-0.5%	-2.3%	440.7	43.0%	433.4	22.8%	-1.7%	424.2	0.2%	421.4	-4.6%	-0.7%
	2019	2,001,879	2.1%	1,935,442	1.1%	-3.3%	324.2	-26.4%	413.4	-4.6%	27.5%	449.9	6.1%	442.5	5.0%	-1.6%
	2020	2,022,399	1.0%	2,028,796	4.8%	0.3%	365.5	12.7%	409.9	-0.9%	12.2%	445.3	-1.0%	442.0	-0.1%	-0.7%
Projected	2021	2,049,368	1.3%	2,049,368	1.0%		415.1	13.6%	415.1	1.3%		450.9	1.3%	450.9	2.0%	
	2022			2,109,415	2.9%				428.5	3.2%				463.0	2.7%	
	2023			2,155,823	2.2%				438.5	2.3%				472.1	2.0%	
	2024			2,201,265	2.1%				448.7	2.3%				479.7	1.6%	
	2025			2,225,563	1.1%				453.1	1.0%				486.4	1.4%	
	2026			2,255,076	1.3%				459.2	1.3%				492.6	1.3%	
	2027			2,283,965	1.3%				465.1	1.3%				498.9	1.3%	
	2028			2,311,857	1.2%				471.3	1.3%				503.4	0.9%	
	2029			2,333,085	0.9%				474.9	0.8%				509.8	1.3%	
	2030			2,363,580	1.3%				481.0	1.3%				516.6	1.3%	
	2031			2,394,807	1.3%				487.4	1.3%				523.3	1.3%	
	2032			2,434,337	1.7%				496.2	1.8%				529.9	1.3%	
	2033			2,456,336	0.9%				499.9	0.7%				536.7	1.3%	
	2034			2,487,245	1.3%				506.2	1.3%				543.3	1.2%	
	2035			2,517,891	1.2%				512.4	1.2%				550.1	1.2%	
	2036			2,558,358	1.6%				521.4	1.8%				556.8	1.2%	
	2037			2,579,081	0.8%				525.0	0.7%				563.2	1.2%	
	2038			2,608,894	1.2%				530.9	1.1%				569.8	1.2%	
	2039			2,639,627	1.2%				537.2	1.2%				576.4	1.2%	
	2040			2,679,840	1.5%				546.2	1.7%				583.0	1.1%	
CAGR^[3]	2011-2020		0.5%		1.0%			-1.4%		0.3%			1.0%		1.6%	
	2021-2030				1.6%					1.6%					1.5%	
	2031-2040				1.3%					1.3%					1.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - High Economic Case
Duke Energy Florida Cities - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,930,773	-	1,930,773	-	420.5	416.2	420.5	416.2	416.1	407.5	416.1	410.6
	2012	1,820,328	-5.7%	1,820,328	-5.7%	385.4	391.7	385.4	391.7	381.2	373.5	381.2	385.4
	2013	1,827,744	0.4%	1,827,744	0.4%	346.7	402.4	346.7	402.4	342.2	391.2	342.3	391.2
	2014	1,853,952	1.4%	1,853,952	1.4%	374.8	413.9	374.8	413.9	371.1	406.2	371.1	406.2
	2015	1,900,777	2.5%	1,902,497	2.6%	407.5	422.7	408.2	423.0	407.3	419.3	407.6	419.6
	2016	1,957,034	3.0%	1,957,621	2.9%	379.2	435.4	379.2	435.4	342.9	428.8	375.9	428.8
	2017	1,903,845	-2.7%	1,903,845	-2.7%	344.8	429.5	344.8	429.5	308.1	423.5	340.7	423.5
	2018	1,959,853	2.9%	1,959,853	2.9%	446.6	426.6	446.6	426.6	440.7	424.2	440.7	424.2
	2019	2,001,879	2.1%	2,001,879	2.1%	366.3	450.2	366.3	450.2	324.2	449.9	349.1	449.9
	2020	2,022,399	1.0%	2,018,832	0.8%	380.9	453.3	419.1	447.6	365.5	445.3	414.6	440.7
Projected	2021	2,049,368	1.3%	2,059,815	2.0%	419.4	457.6	428.5	457.3	415.1	450.9	424.0	450.3
	2022	2,109,415	2.9%	2,100,382	2.0%	432.9	470.0	437.0	466.0	428.5	463.0	432.3	458.9
	2023	2,155,823	2.2%	2,136,597	1.7%	443.0	479.2	444.8	473.7	438.5	472.1	440.1	466.5
	2024	2,201,265	2.1%	2,176,382	1.9%	453.3	486.9	453.9	480.6	448.7	479.7	449.0	473.2
	2025	2,225,563	1.1%	2,198,218	1.0%	457.7	493.7	457.9	487.0	453.1	486.4	453.0	479.6
	2026	2,255,076	1.3%	2,226,470	1.3%	463.9	500.0	463.8	493.2	459.2	492.6	458.9	485.6
	2027	2,283,965	1.3%	2,253,293	1.2%	469.8	506.4	469.5	499.0	465.1	498.9	464.5	491.4
	2028	2,311,857	1.2%	2,287,304	1.5%	475.8	510.8	474.4	502.2	471.3	503.4	469.6	494.5
	2029	2,333,085	0.9%	2,303,423	0.7%	479.5	517.4	477.1	507.4	474.9	509.8	472.2	499.6
	2030	2,363,580	1.3%	2,327,635	1.1%	485.6	524.2	482.0	512.8	481.0	516.6	477.0	504.9
	2031	2,394,807	1.3%	2,353,019	1.1%	492.1	531.0	487.2	518.2	487.4	523.3	482.2	510.3
	2032	2,434,337	1.7%	2,386,635	1.4%	501.0	537.8	494.8	523.7	496.2	529.9	489.8	515.7
	2033	2,456,336	0.9%	2,402,735	0.7%	504.7	544.6	497.4	529.0	499.9	536.7	492.3	520.9
	2034	2,487,245	1.3%	2,426,705	1.0%	511.1	551.4	502.3	534.1	506.2	543.3	497.2	525.9
	2035	2,517,891	1.2%	2,449,804	1.0%	517.4	558.2	507.0	539.1	512.4	550.1	501.8	530.9
	2036	2,558,358	1.6%	2,482,138	1.3%	526.5	565.0	514.4	544.1	521.4	556.8	509.2	535.8
	2037	2,579,081	0.8%	2,495,333	0.5%	530.0	571.5	516.4	548.8	525.0	563.2	511.1	540.5
	2038	2,608,894	1.2%	2,517,127	0.9%	536.1	578.2	520.8	553.6	530.9	569.8	515.5	545.2
	2039	2,639,627	1.2%	2,539,615	0.9%	542.4	585.0	525.4	558.5	537.2	576.4	520.1	550.0
	2040	2,679,840	1.5%			551.5	591.7			546.2	583.0		
CAGR [1]	Historical		0.5%		0.5%	-1.1%	1.0%	-1.7%	1.0%	-0.5%	2.2%	-1.2%	2.2%
	1st 10 Prj Yrs		1.6%		1.5%	1.6%	1.5%	1.5%	1.4%	1.6%	1.5%	1.5%	1.4%
	2nd 10 Prj Yrs		1.3%		1.0%	1.3%	1.2%	1.0%	1.0%	1.3%	1.2%	1.0%	1.0%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - High Economic Case
Duke Energy Florida Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,930,773	-	1,862,167	-	-3.6%	416.1	-	400.8	-	-3.7%	407.5	-	381.7	-	-6.3%
	2012	1,820,328	-5.7%	1,841,720	-1.1%	1.2%	381.2	-8.4%	367.8	-8.2%	-3.5%	373.5	-8.3%	421.5	10.4%	12.9%
	2013	1,827,744	0.4%	1,842,068	0.0%	0.8%	342.2	-10.2%	345.3	-6.1%	0.9%	391.2	4.7%	401.1	-4.8%	2.5%
	2014	1,853,952	1.4%	1,858,357	0.9%	0.2%	371.1	8.5%	390.7	13.2%	5.3%	406.2	3.8%	407.7	1.6%	0.4%
	2015	1,902,497	2.6%	1,866,466	0.4%	-1.9%	407.6	9.8%	393.1	0.6%	-3.5%	419.6	3.3%	425.7	4.4%	1.4%
	2016	1,959,340	3.0%	1,909,678	2.3%	-2.5%	343.2	-15.8%	387.1	-1.5%	12.8%	429.1	2.3%	420.1	-1.3%	-2.1%
	2017	1,904,433	-2.8%	1,923,613	0.7%	1.0%	308.1	-10.2%	352.9	-8.8%	14.6%	423.5	-1.3%	441.7	5.1%	4.3%
	2018	1,959,853	2.9%	1,914,159	-0.5%	-2.3%	440.7	43.0%	433.4	22.8%	-1.7%	424.2	0.2%	421.4	-4.6%	-0.7%
	2019	2,001,879	2.1%	1,935,442	1.1%	-3.3%	324.2	-26.4%	413.4	-4.6%	27.5%	449.9	6.1%	442.5	5.0%	-1.6%
	2020	2,022,399	1.0%	2,006,848	3.7%	-0.8%	365.5	12.7%	409.9	-0.9%	12.2%	445.3	-1.0%	442.0	-0.1%	-0.7%
Projected	2021	2,045,453	1.1%	2,045,453	1.9%		415.1	13.6%	415.1	1.3%		449.9	1.0%	449.9	1.8%	
	2022			2,104,067	2.9%				428.5	3.2%				461.8	2.6%	
	2023			2,149,035	2.1%				438.5	2.3%				470.5	1.9%	
	2024			2,192,858	2.0%				448.7	2.3%				477.7	1.5%	
	2025			2,215,405	1.0%				453.1	1.0%				484.0	1.3%	
	2026			2,242,517	1.2%				459.2	1.3%				489.6	1.2%	
	2027			2,268,800	1.2%				465.1	1.3%				495.3	1.2%	
	2028			2,293,906	1.1%				471.3	1.3%				499.1	0.8%	
	2029			2,312,260	0.8%				474.9	0.8%				504.9	1.2%	
	2030			2,339,731	1.2%				481.0	1.3%				510.9	1.2%	
	2031			2,368,948	1.2%				487.4	1.3%				517.1	1.2%	
	2032			2,406,371	1.6%				496.2	1.8%				523.3	1.2%	
	2033			2,426,307	0.8%				499.9	0.7%				529.5	1.2%	
	2034			2,455,141	1.2%				506.2	1.3%				535.7	1.2%	
	2035			2,483,605	1.2%				512.4	1.2%				541.9	1.2%	
	2036			2,521,681	1.5%				521.4	1.8%				548.1	1.1%	
	2037			2,539,998	0.7%				525.0	0.7%				553.9	1.1%	
	2038			2,567,333	1.1%				530.9	1.1%				559.9	1.1%	
	2039			2,595,432	1.1%				537.2	1.2%				565.9	1.1%	
	2040			2,632,886	1.4%				546.2	1.7%				571.9	1.1%	
CAGR^[3]	2011-2020		0.5%		0.8%			-1.4%		0.3%			1.0%		1.6%	
	2021-2030				1.5%					1.6%					1.4%	
	2031-2040				1.2%					1.3%					1.1%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - High Economic Case
Duke Energy Florida Cities - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	152,375	126,194	131,429	147,730	169,503	183,822	188,565	201,342	175,698	137,798	125,307	132,269	1,872,030	1,930,773
	2012	142,196	125,894	139,027	142,877	169,382	164,976	186,229	183,698	170,677	152,038	126,540	137,410	1,840,943	1,820,328
	2013	135,758	126,422	136,897	141,458	156,355	174,618	175,873	189,899	174,475	153,896	127,773	135,566	1,828,991	1,827,744
	2014	161,655	125,071	129,480	138,377	163,443	171,918	185,775	193,339	167,658	149,219	131,467	140,713	1,858,115	1,853,952
	2015	146,342	135,477	142,180	151,137	172,147	185,413	185,670	190,005	172,729	152,030	142,943	140,517	1,916,589	1,902,497
	2016	149,700	135,337	138,366	142,125	169,913	194,799	209,266	201,242	183,103	155,850	130,461	137,293	1,947,454	1,959,340
	2017	140,507	120,973	139,593	150,249	177,053	177,153	195,682	204,773	174,846	165,369	130,142	142,869	1,919,208	1,904,433
	2018	173,303	128,560	135,746	138,814	165,178	187,216	190,961	204,433	197,264	173,536	140,929	143,251	1,979,190	1,959,853
	2019	153,631	126,816	137,941	147,472	189,981	194,216	199,139	203,190	191,778	179,040	136,669	140,608	2,000,480	2,001,879
	2020	148,602	137,502	158,270	150,056	171,213	194,624	206,781	208,763	190,271	165,380	139,698	153,278	2,024,438	2,022,399
Projected	2021	161,574	139,881	148,494	150,383	180,547	195,412	207,063	212,639	191,104	169,035	144,167	158,100	2,058,399	2,045,453
	2022	166,537	144,581	153,633	154,442	186,193	200,472	212,690	218,375	195,843	173,388	147,823	161,906	2,115,883	2,104,067
	2023	170,165	147,869	156,929	157,763	190,160	204,342	216,747	222,498	199,444	176,580	150,620	164,826	2,157,943	2,149,035
	2024	173,126	158,413	159,564	160,498	193,323	207,532	220,110	225,864	202,402	179,310	152,927	167,301	2,200,369	2,192,858
	2025	175,595	152,599	161,793	162,755	196,026	210,273	222,995	228,808	205,023	181,607	154,890	169,495	2,221,860	2,215,405
	2026	177,814	154,543	163,752	164,745	198,424	212,753	225,605	231,486	207,403	183,735	156,693	171,563	2,248,515	2,242,517
	2027	179,953	156,420	165,633	166,665	200,768	215,200	228,209	234,167	209,795	185,063	157,789	172,910	2,272,572	2,268,800
	2028	181,324	166,024	166,783	167,842	202,252	216,796	229,902	235,933	211,289	187,210	159,603	175,019	2,299,975	2,293,906
	2029	183,528	159,562	168,690	169,790	204,637	219,297	232,552	238,660	213,714	189,377	161,434	177,147	2,318,386	2,312,260
	2030	185,749	161,516	170,645	171,787	207,088	221,886	235,315	241,520	216,266	191,771	163,468	179,463	2,346,475	2,339,731
Projected	2031	188,158	163,601	172,752	173,913	209,670	224,608	238,191	244,470	218,883	194,097	165,431	181,690	2,375,465	2,368,948
	2032	190,484	174,446	174,810	175,999	212,210	227,292	241,037	247,393	221,483	196,419	167,399	183,931	2,412,901	2,406,371
	2033	192,821	167,664	176,872	178,091	214,760	229,991	243,902	250,345	224,113	198,779	169,400	186,205	2,432,942	2,426,307
	2034	195,190	169,728	178,958	180,201	217,318	232,681	246,742	253,252	226,688	201,065	171,330	188,398	2,461,551	2,455,141
	2035	197,478	171,735	180,997	182,276	219,853	235,363	249,595	256,198	229,317	203,414	173,324	190,680	2,490,229	2,483,605
	2036	199,854	183,050	183,078	184,382	222,410	238,051	252,434	259,109	231,895	205,705	175,252	192,880	2,528,101	2,521,681
	2037	202,141	175,787	185,061	186,389	224,846	240,604	255,128	261,869	234,335	207,884	177,088	194,981	2,546,113	2,539,998
	2038	204,338	177,720	187,009	188,377	227,282	243,184	257,879	264,715	236,876	210,156	179,010	197,206	2,573,751	2,567,333
	2039	206,667	179,738	189,020	190,414	229,767	245,808	260,661	267,575	239,411	212,417	180,909	199,400	2,601,787	2,595,432
	2040	208,961	191,404	191,011	192,431	232,228	248,402	263,410	270,399	241,913	214,652	182,788	201,569	2,639,169	2,632,886

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.1%	6.7%	7.0%	7.9%	9.1%	9.8%	10.1%	10.8%	9.4%	7.4%	6.7%	7.1%	100.0%
	2012	7.7%	6.8%	7.6%	7.8%	9.2%	9.0%	10.1%	10.0%	9.3%	8.3%	6.9%	7.5%	100.0%
	2013	7.4%	6.9%	7.5%	7.7%	8.5%	9.5%	9.6%	10.4%	9.5%	8.4%	7.0%	7.4%	100.0%
	2014	8.7%	6.7%	7.0%	7.4%	8.8%	9.3%	10.0%	10.4%	9.0%	8.0%	7.1%	7.6%	100.0%
	2015	7.6%	7.1%	7.4%	7.9%	9.0%	9.7%	9.7%	9.9%	9.0%	7.9%	7.5%	7.3%	100.0%
	2016	7.7%	6.9%	7.1%	7.3%	8.7%	10.0%	10.7%	10.3%	9.4%	8.0%	6.7%	7.0%	100.0%
	2017	7.3%	6.3%	7.3%	7.8%	9.2%	9.2%	10.2%	10.7%	9.1%	8.6%	6.8%	7.4%	100.0%
	2018	8.8%	6.5%	6.9%	7.0%	8.3%	9.5%	9.6%	10.3%	10.0%	8.8%	7.1%	7.2%	100.0%
	2019	7.7%	6.3%	6.9%	7.4%	9.5%	9.7%	10.0%	10.2%	9.6%	8.9%	6.8%	7.0%	100.0%
	2020	7.3%	6.8%	7.8%	7.4%	8.5%	9.6%	10.2%	10.3%	9.4%	8.2%	6.9%	7.6%	100.0%
Projected	2021	7.8%	6.8%	7.2%	7.3%	8.8%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.7%	100.0%
	2022	7.9%	6.8%	7.3%	7.3%	8.8%	9.5%	10.1%	10.3%	9.3%	8.2%	7.0%	7.7%	100.0%
	2023	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	7.0%	7.6%	100.0%
	2024	7.9%	7.2%	7.3%	7.3%	8.8%	9.4%	10.0%	10.3%	9.2%	8.1%	7.0%	7.6%	100.0%
	2025	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	7.0%	7.6%	100.0%
	2026	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	7.0%	7.6%	100.0%
	2027	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2028	7.9%	7.2%	7.3%	7.3%	8.8%	9.4%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2029	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	7.0%	7.6%	100.0%
	2030	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	7.0%	7.6%	100.0%
Avg.	2011-2020	7.8%	6.7%	7.2%	7.6%	8.9%	9.5%	10.0%	10.3%	9.4%	8.3%	6.9%	7.3%	100.0%
	2021-2030	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.2%	7.0%	7.6%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
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FMPA 2021 Load Forecast - High Economic Case
Duke Energy Florida Cities - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	403.3	334.3	261.1	356.0	380.1	415.7	403.6	416.2	376.6	307.4	267.9	266.6	420.5	416.2
	2012	385.4	369.1	287.6	329.8	367.7	383.7	391.7	391.4	380.7	346.5	277.1	289.2	385.4	391.7
	2013	288.9	344.0	346.7	315.0	346.3	389.5	387.3	402.4	388.4	339.6	283.2	281.1	346.7	402.4
	2014	374.8	325.7	261.6	341.9	364.5	383.8	395.6	413.9	394.8	346.7	335.6	306.2	374.8	413.9
	2015	343.1	408.2	296.5	328.9	381.3	423.0	396.0	415.0	389.6	343.8	346.5	281.3	408.2	423.0
	2016	379.5	370.8	302.9	347.8	380.5	422.9	435.7	426.9	390.5	344.9	288.0	279.3	379.5	435.7
	2017	344.8	284.1	312.7	380.6	397.9	409.6	419.1	429.5	401.3	390.5	285.0	347.1	344.8	429.5
	2018	446.6	308.7	285.5	300.4	368.6	413.9	412.1	426.6	424.1	400.4	331.8	343.4	446.6	426.6
	2019	366.3	306.2	311.2	346.2	437.2	450.2	436.0	428.3	431.6	391.4	331.5	302.7	366.3	450.2
	2020	380.9	314.7	366.8	354.2	412.7	453.3	444.4	446.8	442.1	386.0	339.3	317.7	380.9	453.3
Projected	2021	419.4	381.7	333.8	362.8	415.0	446.2	438.7	456.7	430.7	388.6	350.2	327.9	419.4	456.7
	2022	432.9	394.0	344.6	372.4	426.1	457.9	450.2	468.7	442.0	398.9	358.3	335.6	432.9	468.7
	2023	443.0	403.1	352.6	379.6	434.3	466.6	458.7	477.6	450.4	406.5	366.7	343.4	443.0	477.6
	2024	453.3	412.5	360.8	385.5	441.1	473.7	465.7	484.9	457.2	412.9	370.2	346.8	453.3	484.9
	2025	457.7	416.6	364.4	390.7	447.0	479.9	471.8	491.3	463.2	418.3	375.2	351.4	457.7	491.3
	2026	463.9	422.2	369.3	395.4	452.5	485.5	477.4	497.0	468.6	423.4	379.9	355.9	463.9	497.0
	2027	469.8	427.6	374.0	400.2	458.0	491.1	482.9	502.8	474.0	426.7	385.2	360.6	469.8	502.8
	2028	475.8	433.4	379.0	403.2	461.6	494.8	486.5	506.6	477.5	431.8	388.1	363.4	475.8	506.6
	2029	479.5	436.7	382.0	408.1	467.2	500.5	492.1	512.4	483.0	437.0	393.1	368.1	479.5	512.4
	2030	485.6	442.4	386.9	413.1	473.1	506.5	497.9	518.6	488.7	442.6	398.3	373.0	485.6	518.6
Projected	2031	492.1	448.3	392.0	418.3	479.0	512.7	504.0	524.9	494.7	448.2	405.6	379.7	492.1	524.9
	2032	501.0	456.4	399.1	423.4	484.9	518.8	510.0	531.2	500.6	453.7	408.5	382.6	501.0	531.2
	2033	504.7	459.8	402.1	428.6	490.8	524.9	516.1	537.5	506.5	459.2	413.7	387.4	504.7	537.5
	2034	511.1	465.6	407.2	433.7	496.7	531.0	522.1	543.7	512.4	464.7	418.7	392.2	511.1	543.7
	2035	517.4	471.3	412.2	438.8	502.6	537.2	528.1	550.0	518.3	470.2	426.2	399.1	517.4	550.0
	2036	526.5	479.6	419.4	444.0	508.6	543.3	534.1	556.3	524.2	475.7	429.0	401.8	526.5	556.3
	2037	530.0	482.9	422.3	448.8	514.2	549.1	539.8	562.2	529.7	480.9	433.8	406.3	530.0	562.2
	2038	536.1	488.4	427.1	453.9	519.9	555.0	545.6	568.3	535.4	486.3	439.0	411.1	536.1	568.3
	2039	542.4	494.2	432.2	458.9	525.8	561.0	551.5	574.5	541.2	491.7	446.4	418.0	542.4	574.5
	2040	551.5	502.5	439.4	463.9	531.5	566.9	557.3	580.5	546.9	497.1	452.8	424.1	551.5	580.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.8%	56.2%	67.7%	57.6%	59.9%	61.4%	62.8%	65.0%	64.8%	60.3%	65.0%	66.7%	50.8%	53.0%
	2012	49.6%	49.0%	65.0%	60.2%	61.9%	59.7%	63.9%	63.1%	62.3%	59.0%	63.4%	63.9%	54.5%	53.0%
	2013	63.2%	54.7%	53.1%	62.4%	60.7%	62.3%	61.0%	63.4%	62.4%	60.9%	62.7%	64.8%	60.2%	51.9%
	2014	58.0%	57.1%	66.5%	56.2%	60.3%	62.2%	63.1%	62.8%	59.0%	57.9%	54.4%	61.8%	56.6%	51.1%
	2015	57.3%	49.4%	64.4%	63.8%	60.7%	60.9%	63.0%	61.5%	61.6%	59.4%	57.3%	67.1%	53.6%	51.3%
	2016	53.0%	52.4%	61.4%	56.8%	60.0%	64.0%	64.6%	63.4%	65.1%	60.7%	62.9%	66.1%	58.6%	51.3%
	2017	54.8%	63.4%	60.0%	54.8%	59.8%	60.1%	62.8%	64.1%	60.5%	56.9%	63.4%	55.3%	63.5%	50.6%
	2018	52.2%	62.0%	63.9%	64.2%	60.2%	62.8%	62.3%	64.4%	64.6%	58.3%	59.0%	56.1%	50.6%	52.4%
	2019	56.4%	61.6%	59.6%	59.2%	58.4%	59.9%	61.4%	63.8%	61.7%	61.5%	57.3%	62.4%	62.3%	50.8%
	2020	52.4%	62.8%	58.0%	58.8%	55.8%	59.6%	62.5%	62.8%	59.8%	57.6%	57.2%	64.8%	60.7%	50.9%
Projected	2021	51.8%	54.5%	59.8%	57.6%	58.5%	60.8%	63.4%	62.6%	61.6%	58.5%	57.2%	64.8%	56.0%	51.1%
	2022	51.7%	54.6%	59.9%	57.6%	58.7%	60.8%	63.5%	62.6%	61.5%	58.4%	57.3%	64.8%	55.8%	51.2%
	2023	51.6%	54.6%	59.8%	57.7%	58.9%	60.8%	63.5%	62.6%	61.5%	58.4%	57.1%	64.5%	55.6%	51.4%
	2024	51.3%	55.2%	59.4%	57.8%	58.9%	60.8%	63.5%	62.6%	61.5%	58.4%	57.4%	64.8%	55.4%	51.6%
	2025	51.6%	54.5%	59.7%	57.9%	58.9%	60.9%	63.5%	62.6%	61.5%	58.3%	57.3%	64.8%	55.4%	51.5%
	2026	51.5%	54.5%	59.6%	57.9%	58.9%	60.9%	63.5%	62.6%	61.5%	58.3%	57.3%	64.8%	55.3%	51.5%
	2027	51.5%	54.4%	59.5%	57.8%	58.9%	60.9%	63.5%	62.6%	61.5%	58.3%	56.9%	64.4%	55.2%	51.5%
	2028	51.2%	55.0%	59.1%	57.8%	58.9%	60.9%	63.5%	62.6%	61.5%	58.3%	57.1%	64.7%	55.2%	51.7%
	2029	51.4%	54.4%	59.4%	57.8%	58.9%	60.9%	63.5%	62.6%	61.5%	58.2%	57.0%	64.7%	55.2%	51.5%
	2030	51.4%	54.3%	59.3%	57.8%	58.8%	60.8%	63.5%	62.6%	61.5%	58.2%	57.0%	64.7%	55.2%	51.5%
Avg.	2011-2020	54.8%	56.9%	62.0%	59.4%	59.8%	61.3%	62.7%	63.4%	62.2%	59.2%	60.2%	62.9%	57.1%	51.6%
	2021-2030	51.5%	54.6%	59.6%	57.8%	58.8%	60.8%	63.5%	62.6%	61.5%	58.3%	57.2%	64.7%	55.4%	51.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - High Economic Case
Duke Energy Florida Cities - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	401.6	333.5	226.8	342.8	371.8	410.6	391.9	407.5	370.5	304.0	258.2	234.1	416.1	407.5
	2012	381.2	368.7	278.6	313.0	345.0	368.2	373.5	385.4	377.9	341.7	227.0	288.9	381.2	373.5
	2013	285.3	342.3	342.2	299.4	332.8	362.9	379.0	391.2	375.9	333.9	265.3	243.1	342.2	391.2
	2014	371.1	325.5	209.1	340.6	356.6	377.0	377.7	406.2	389.8	342.2	330.7	303.1	371.1	406.2
	2015	342.6	407.6	288.1	320.9	376.9	419.6	387.0	406.6	372.9	342.3	343.2	273.8	407.6	419.6
	2016	376.2	370.4	302.5	347.5	371.8	415.8	429.1	424.4	378.1	325.0	285.2	268.6	343.2	429.1
	2017	340.7	280.3	308.1	379.9	386.5	405.4	414.4	423.5	379.1	390.1	283.4	346.9	308.1	423.5
	2018	440.7	305.5	273.2	289.4	361.7	380.5	405.0	424.2	412.0	397.0	324.2	343.1	440.7	424.2
	2019	349.1	303.2	296.3	345.9	436.8	449.9	430.8	418.3	430.5	372.5	327.2	246.9	324.2	449.9
	2020	380.9	293.6	365.5	342.5	400.0	445.3	412.9	441.0	437.5	378.3	326.5	300.2	365.5	445.3
Projected	2021	415.1	377.4	318.1	354.7	404.7	436.3	426.5	449.9	421.5	380.7	337.0	309.8	415.1	449.9
	2022	428.5	389.6	328.4	364.1	415.5	447.7	437.6	461.8	432.6	390.8	344.8	317.0	428.5	461.8
	2023	438.5	398.6	336.0	371.1	423.5	456.1	445.9	470.5	440.7	398.3	352.9	324.4	438.5	470.5
	2024	448.7	407.9	343.8	376.9	430.1	463.1	452.7	477.7	447.4	404.5	356.2	327.6	448.7	477.7
	2025	453.1	411.9	347.2	381.9	435.9	469.1	458.6	484.0	453.3	409.9	361.0	332.0	453.1	484.0
	2026	459.2	417.4	351.9	386.6	441.3	474.6	464.0	489.6	458.5	414.9	365.6	336.2	459.2	489.6
	2027	465.1	422.8	356.3	391.2	446.6	480.1	469.3	495.3	463.8	418.1	370.7	340.6	465.1	495.3
	2028	471.3	428.6	361.1	394.2	450.2	483.7	472.9	499.1	467.2	423.1	373.5	343.2	471.3	499.1
	2029	474.9	431.8	363.9	399.0	455.6	489.2	478.3	504.9	472.6	428.2	378.2	347.6	474.9	504.9
	2030	481.0	437.4	368.5	403.9	461.3	495.1	484.0	510.9	478.2	433.6	383.3	352.3	481.0	510.9
Projected	2031	487.4	443.2	373.5	409.0	467.1	501.1	489.9	517.1	484.0	439.1	390.2	358.6	487.4	517.1
	2032	496.2	451.2	380.2	414.0	472.9	507.1	495.7	523.3	489.7	444.5	393.1	361.3	496.2	523.3
	2033	499.9	454.6	383.0	419.0	478.7	513.1	501.6	529.5	495.5	449.9	398.0	365.9	499.9	529.5
	2034	506.2	460.4	387.9	424.0	484.4	519.0	507.4	535.7	501.2	455.2	402.9	370.3	506.2	535.7
	2035	512.4	466.0	392.6	429.0	490.2	525.0	513.3	541.9	507.0	460.7	410.0	376.9	512.4	541.9
	2036	521.4	474.2	399.5	434.1	495.9	531.0	519.1	548.1	512.7	466.0	412.7	379.4	521.4	548.1
	2037	525.0	477.4	402.3	438.8	501.4	536.6	524.6	553.9	518.1	471.2	417.4	383.7	525.0	553.9
	2038	530.9	482.8	406.8	443.7	507.0	542.4	530.3	559.9	523.7	476.4	422.3	388.2	530.9	559.9
	2039	537.2	488.6	411.6	448.6	512.7	548.2	536.0	565.9	529.3	481.7	429.4	394.7	537.2	565.9
	2040	546.2	496.8	418.5	453.5	518.3	554.0	541.6	571.9	534.9	487.0	435.6	400.5	546.2	571.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.6%	99.8%	86.9%	96.3%	97.8%	98.8%	97.1%	97.9%	98.4%	98.9%	96.4%	87.8%	99.0%	97.9%
	2012	98.9%	99.9%	96.9%	94.9%	93.8%	96.0%	95.3%	98.5%	99.3%	98.6%	81.9%	99.9%	98.9%	95.3%
	2013	98.7%	99.5%	98.7%	95.1%	96.1%	93.2%	97.8%	97.2%	96.8%	98.3%	93.7%	86.5%	98.7%	97.2%
	2014	99.0%	99.9%	80.0%	99.6%	97.8%	98.2%	95.5%	98.1%	98.7%	98.7%	98.5%	99.0%	99.0%	98.1%
	2015	99.9%	99.8%	97.2%	97.6%	98.9%	99.2%	97.7%	98.0%	95.7%	99.6%	99.0%	97.3%	99.8%	99.2%
	2016	99.1%	99.9%	99.9%	99.9%	97.7%	98.3%	98.5%	99.4%	96.8%	94.2%	99.0%	96.2%	90.4%	98.5%
	2017	98.8%	98.7%	98.5%	99.8%	97.1%	99.0%	98.9%	98.6%	94.5%	99.9%	99.4%	100.0%	89.4%	98.6%
	2018	98.7%	98.9%	95.7%	96.3%	98.1%	91.9%	98.3%	99.4%	97.1%	99.1%	97.7%	99.9%	98.7%	99.4%
	2019	95.3%	99.0%	95.2%	99.9%	99.9%	99.9%	98.8%	97.7%	99.7%	95.2%	98.7%	81.6%	88.5%	99.9%
	2020	100.0%	93.3%	99.6%	96.7%	96.9%	98.2%	92.9%	98.7%	99.0%	98.0%	96.2%	94.5%	96.0%	98.2%
Projected	2021	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2022	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2023	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2024	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2025	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2026	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.8%	98.0%	96.2%	94.5%	99.0%	98.5%
	2027	99.0%	98.9%	95.3%	97.8%	97.5%	97.7%	97.2%	98.5%	97.8%	98.0%	96.2%	94.5%	99.0%	98.5%
	2028	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.8%	98.0%	96.2%	94.4%	99.0%	98.5%
	2029	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.8%	98.0%	96.2%	94.4%	99.0%	98.5%
	2030	99.0%	98.9%	95.3%	97.8%	97.5%	97.7%	97.2%	98.5%	97.8%	98.0%	96.2%	94.4%	99.0%	98.5%
	2011-2020	98.8%	98.9%	94.8%	97.6%	97.4%	97.3%	97.1%	98.3%	97.6%	98.1%	96.1%	94.3%	95.8%	98.2%
	2021-2030	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Low Economic Case
Total Agency - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	6,147,277	-	5,975,503	-	-2.8%	1,258.3	-	1,184.1	-	-5.9%	1,258.2	-	1,200.2	-	-4.6%
	2012	5,914,360	-3.8%	6,010,714	0.6%	1.6%	1,096.7	-12.8%	1,056.6	-10.8%	-3.7%	1,203.3	-4.4%	1,300.0	8.3%	8.0%
	2013	5,914,988	0.0%	5,990,932	-0.3%	1.3%	1,009.9	-7.9%	984.6	-6.8%	-2.5%	1,222.0	1.6%	1,259.6	-3.1%	3.1%
	2014	5,733,592	-3.1%	5,702,238	-4.8%	-0.5%	996.9	-1.3%	1,077.1	9.4%	8.0%	1,185.1	-3.0%	1,181.1	-6.2%	-0.3%
	2015	5,775,332	0.7%	5,668,496	-0.6%	-1.8%	1,128.2	13.2%	1,001.8	-7.0%	-11.2%	1,194.1	0.8%	1,213.1	2.7%	1.6%
	2016	5,979,483	3.5%	5,831,494	2.9%	-2.5%	1,009.6	-10.5%	1,040.1	3.8%	3.0%	1,267.4	6.1%	1,233.5	1.7%	-2.7%
	2017	5,825,558	-2.6%	5,835,713	0.1%	0.2%	919.4	-8.9%	931.8	-10.4%	1.3%	1,236.4	-2.4%	1,281.8	3.9%	3.7%
	2018	5,945,319	2.1%	5,859,079	0.4%	-1.5%	1,178.9	28.2%	1,126.6	20.9%	-4.4%	1,238.9	0.2%	1,267.0	-1.2%	2.3%
	2019	6,082,512	2.3%	5,880,664	0.4%	-3.3%	979.8	-16.9%	1,135.9	0.8%	15.9%	1,292.4	4.3%	1,273.0	0.5%	-1.5%
	2020	6,082,634	0.0%	6,020,274	2.4%	-1.0%	1,022.3	4.3%	1,100.3	-3.1%	7.6%	1,281.4	-0.9%	1,280.6	0.6%	-0.1%
Projected	2021	6,083,134	0.0%	6,083,134	1.0%		1,107.0	8.3%	1,107.0	0.6%		1,281.0	0.0%	1,281.0	0.0%	
	2022			6,095,171	0.2%				1,109.4	0.2%				1,281.9	0.1%	
	2023			6,105,989	0.2%				1,110.9	0.1%				1,284.5	0.2%	
	2024			6,141,223	0.6%				1,113.8	0.3%				1,288.5	0.3%	
	2025			6,150,097	0.1%				1,117.4	0.3%				1,293.2	0.4%	
	2026			6,170,385	0.3%				1,120.8	0.3%				1,297.3	0.3%	
	2027			6,191,807	0.3%				1,124.2	0.3%				1,302.2	0.4%	
	2028			6,228,201	0.6%				1,127.5	0.3%				1,307.4	0.4%	
	2029			6,242,751	0.2%				1,132.6	0.5%				1,313.7	0.5%	
	2030			6,246,538	0.1%				1,132.4	0.0%				1,315.9	0.2%	
	2031			6,280,388	0.5%				1,138.2	0.5%				1,323.0	0.5%	
	2032			6,329,087	0.8%				1,144.1	0.5%				1,330.7	0.6%	
	2033			6,351,416	0.4%				1,150.4	0.6%				1,338.7	0.6%	
	2034			6,389,270	0.6%				1,157.1	0.6%				1,346.7	0.6%	
	2035			6,427,175	0.6%				1,163.4	0.5%				1,355.1	0.6%	
	2036			6,410,056	-0.3%				1,156.2	-0.6%				1,348.6	-0.5%	
	2037			6,430,225	0.3%				1,162.4	0.5%				1,355.9	0.5%	
	2038			6,367,535	-1.0%				1,144.5	-1.5%				1,342.7	-1.0%	
	2039			6,406,019	0.6%				1,151.1	0.6%				1,351.2	0.6%	
	2040			6,460,629	0.9%				1,158.0	0.6%				1,359.8	0.6%	
CAGR ^[3]	2011-2020		-0.1%		0.1%			-2.3%		-0.8%			0.2%		0.7%	
	2021-2030				0.3%					0.3%					0.3%	
	2031-2040				0.3%					0.2%					0.3%	

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Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Low Economic Case
Total Agency - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	6,147,277	-	6,147,277	-	1,293.0	1,300.2	1,293.0	1,300.2	1,258.3	1,258.2	1,258.3	1,258.2
	2012	5,914,360	-3.8%	5,914,360	-3.8%	1,119.9	1,250.8	1,119.9	1,250.8	1,096.7	1,203.3	1,096.7	1,203.3
	2013	5,914,988	0.0%	5,914,988	0.0%	1,072.3	1,258.0	1,072.3	1,258.0	1,009.9	1,222.0	1,009.9	1,222.0
	2014	5,733,592	-3.1%	5,733,592	-3.1%	1,071.5	1,216.5	1,071.5	1,216.5	996.9	1,185.1	996.9	1,185.1
	2015	5,775,332	0.7%	5,777,052	0.8%	1,148.8	1,229.1	1,149.5	1,229.4	1,128.2	1,194.1	1,128.5	1,194.4
	2016	5,979,483	3.5%	5,980,070	3.5%	1,060.8	1,291.0	1,060.8	1,291.0	1,009.6	1,267.4	1,009.9	1,267.4
	2017	5,825,558	-2.6%	5,825,558	-2.6%	980.7	1,267.1	980.7	1,267.1	919.4	1,236.4	919.4	1,236.4
	2018	5,945,319	2.1%	5,945,319	2.1%	1,219.5	1,252.9	1,219.5	1,252.9	1,178.9	1,238.9	1,178.9	1,238.9
	2019	6,082,512	2.3%	6,082,512	2.3%	1,026.5	1,311.1	1,026.5	1,311.1	979.8	1,292.4	979.8	1,292.4
	2020	6,082,634	0.0%	6,016,943	-1.1%	1,058.6	1,312.8	1,167.5	1,288.3	1,022.3	1,281.4	1,102.0	1,255.8
Projected	2021	6,083,134	0.0%	5,992,736	-0.4%	1,173.5	1,313.3	1,165.3	1,289.3	1,107.0	1,281.0	1,099.4	1,256.6
	2022	6,095,171	0.2%	5,993,059	0.0%	1,176.5	1,314.3	1,166.8	1,288.9	1,109.4	1,281.9	1,100.9	1,256.2
	2023	6,105,989	0.2%	5,991,260	0.0%	1,178.1	1,316.9	1,166.5	1,288.5	1,110.9	1,284.5	1,100.7	1,255.9
	2024	6,141,223	0.6%	6,010,839	0.3%	1,181.2	1,321.0	1,166.6	1,290.7	1,113.8	1,288.5	1,101.1	1,258.1
	2025	6,150,097	0.1%	6,010,841	0.0%	1,185.5	1,325.8	1,169.1	1,294.3	1,117.4	1,293.2	1,103.4	1,261.7
	2026	6,170,385	0.3%	6,029,626	0.3%	1,189.1	1,329.9	1,172.4	1,298.6	1,120.8	1,297.3	1,106.7	1,266.0
	2027	6,191,807	0.3%	6,048,291	0.3%	1,192.7	1,334.9	1,175.9	1,302.8	1,124.2	1,302.2	1,110.1	1,270.1
	2028	6,228,201	0.6%	6,075,520	0.5%	1,195.7	1,340.2	1,177.6	1,306.0	1,127.5	1,307.4	1,112.2	1,273.3
	2029	6,242,751	0.2%	6,080,121	0.1%	1,201.3	1,346.5	1,181.4	1,310.1	1,132.6	1,313.7	1,115.7	1,277.3
	2030	6,246,538	0.1%	6,077,155	0.0%	1,200.6	1,348.7	1,179.6	1,310.8	1,132.4	1,315.9	1,114.4	1,278.0
	2031	6,280,388	0.5%	6,100,821	0.4%	1,206.8	1,355.9	1,184.0	1,316.3	1,138.2	1,323.0	1,118.6	1,283.5
	2032	6,329,087	0.8%	6,141,789	0.7%	1,212.7	1,363.7	1,188.6	1,322.4	1,144.1	1,330.7	1,123.3	1,289.4
	2033	6,351,416	0.4%	6,154,789	0.2%	1,219.6	1,371.9	1,193.8	1,328.4	1,150.4	1,338.7	1,128.0	1,295.3
	2034	6,389,270	0.6%	6,181,422	0.4%	1,226.7	1,380.1	1,198.8	1,334.2	1,157.1	1,346.7	1,132.8	1,301.0
	2035	6,427,175	0.6%	6,207,631	0.4%	1,233.4	1,388.6	1,203.5	1,340.1	1,163.4	1,355.1	1,137.2	1,306.9
	2036	6,410,056	-0.3%	6,180,215	-0.4%	1,225.8	1,381.6	1,193.9	1,331.1	1,156.2	1,348.6	1,128.2	1,298.4
	2037	6,430,225	0.3%	6,189,786	0.2%	1,232.6	1,389.0	1,198.6	1,336.2	1,162.4	1,355.9	1,132.4	1,303.4
	2038	6,367,535	-1.0%	6,117,343	-1.2%	1,215.1	1,374.9	1,179.1	1,319.9	1,144.5	1,342.7	1,112.8	1,288.1
	2039	6,406,019	0.6%	6,144,336	0.4%	1,222.1	1,383.5	1,184.0	1,326.0	1,151.1	1,351.2	1,117.4	1,294.1
	2040	6,460,629	0.9%			1,229.1	1,392.3			1,158.0	1,359.8		
CAGR ^[1]	Historical		-0.1%		-0.1%	-2.2%	0.1%	-2.8%	0.1%	-0.9%	0.8%	-1.6%	1.0%
	1st 10 Prj Yrs		0.3%		0.1%	0.3%	0.3%	0.1%	0.2%	0.3%	0.3%	0.1%	0.2%
	2nd 10 Prj Yrs		0.3%		0.1%	0.2%	0.3%	0.0%	0.1%	0.2%	0.3%	0.0%	0.1%

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[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case
Total Agency - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	6,147,277	-	5,975,503	-	-2.8%	1,258.3	-	1,184.1	-	-5.9%	1,258.2	-	1,200.2	-	-4.6%
	2012	5,914,360	-3.8%	6,010,714	0.6%	1.6%	1,096.7	-12.8%	1,056.6	-10.8%	-3.7%	1,203.3	-4.4%	1,300.0	8.3%	8.0%
	2013	5,914,988	0.0%	5,990,932	-0.3%	1.3%	1,009.9	-7.9%	984.6	-6.8%	-2.5%	1,222.0	1.6%	1,259.6	-3.1%	3.1%
	2014	5,733,592	-3.1%	5,702,238	-4.8%	-0.5%	996.9	-1.3%	1,077.1	9.4%	8.0%	1,185.1	-3.0%	1,181.1	-6.2%	-0.3%
	2015	5,777,052	0.8%	5,668,496	-0.6%	-1.9%	1,128.5	13.2%	1,001.8	-7.0%	-11.2%	1,194.4	0.8%	1,213.1	2.7%	1.6%
	2016	5,981,790	3.5%	5,831,494	2.9%	-2.5%	1,009.9	-10.5%	1,040.1	3.8%	3.0%	1,267.7	6.1%	1,233.5	1.7%	-2.7%
	2017	5,826,145	-2.6%	5,835,713	0.1%	0.2%	919.4	-9.0%	931.8	-10.4%	1.3%	1,236.4	-2.5%	1,281.8	3.9%	3.7%
	2018	5,945,319	2.0%	5,859,079	0.4%	-1.5%	1,178.9	28.2%	1,126.6	20.9%	-4.4%	1,238.9	0.2%	1,267.0	-1.2%	2.3%
	2019	6,082,512	2.3%	5,880,664	0.4%	-3.3%	979.8	-16.9%	1,135.9	0.8%	15.9%	1,292.4	4.3%	1,273.0	0.5%	-1.5%
	2020	6,082,634	0.0%	5,937,786	1.0%	-2.4%	1,022.3	4.3%	1,100.3	-3.1%	7.6%	1,281.4	-0.9%	1,280.6	0.6%	-0.1%
Projected	2021	6,066,521	-0.3%	6,066,521	2.2%		1,107.0	8.3%	1,107.0	0.6%		1,277.1	-0.3%	1,277.1	-0.3%	
	2022			6,071,957	0.1%				1,109.4	0.2%				1,276.4	-0.1%	
	2023			6,076,486	0.1%				1,110.9	0.1%				1,277.5	0.1%	
	2024			6,104,315	0.5%				1,113.8	0.3%				1,279.7	0.2%	
	2025			6,102,660	0.0%				1,117.4	0.3%				1,281.9	0.2%	
	2026			6,110,153	0.1%				1,120.8	0.3%				1,283.0	0.1%	
	2027			6,117,238	0.1%				1,124.2	0.3%				1,284.5	0.1%	
	2028			6,137,755	0.3%				1,127.5	0.3%				1,286.0	0.1%	
	2029			6,135,484	0.0%				1,132.6	0.5%				1,288.2	0.2%	
	2030			6,121,501	-0.2%				1,132.4	0.0%				1,286.1	-0.2%	
	2031			6,139,488	0.3%				1,138.2	0.5%				1,289.5	0.3%	
	2032			6,172,938	0.5%				1,144.1	0.5%				1,293.6	0.3%	
	2033			6,181,377	0.1%				1,150.4	0.6%				1,298.3	0.4%	
	2034			6,205,593	0.4%				1,157.1	0.6%				1,303.1	0.4%	
	2035			6,230,286	0.4%				1,163.4	0.5%				1,308.3	0.4%	
	2036			6,199,941	-0.5%				1,156.2	-0.6%				1,298.7	-0.7%	
	2037			6,207,077	0.1%				1,162.4	0.5%				1,302.8	0.3%	
	2038			6,132,388	-1.2%				1,144.5	-1.5%				1,286.8	-1.2%	
	2039			6,157,148	0.4%				1,151.1	0.6%				1,292.1	0.4%	
	2040			6,197,603	0.7%				1,158.0	0.6%				1,297.4	0.4%	
CAGR ^[3]	2011-2020		-0.1%		-0.1%			-2.3%		-0.8%			0.2%		0.7%	
	2021-2030				0.1%					0.3%					0.1%	
	2031-2040				0.1%					0.2%					0.1%	

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FMPA 2021 Load Forecast - Low Economic Case
Total Agency - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	461,335	393,793	424,620	488,193	537,767	588,106	623,766	644,115	570,519	460,766	410,067	418,993	6,022,040	6,147,277
	2012	438,988	405,060	451,583	458,392	543,656	545,599	623,149	603,756	554,351	504,602	398,605	435,593	5,963,334	5,914,360
	2013	428,865	400,438	432,242	463,445	507,457	573,259	581,975	626,296	562,210	516,187	427,182	440,420	5,959,977	5,914,988
	2014	458,798	376,082	396,665	423,785	497,285	521,770	571,164	591,892	512,362	461,946	387,082	412,653	5,611,484	5,733,592
	2015	423,859	391,814	433,884	469,172	526,875	564,009	585,493	583,880	536,385	477,199	447,017	436,736	5,876,322	5,777,052
	2016	434,986	397,529	428,066	436,669	517,921	586,159	645,813	615,145	558,551	481,763	397,590	424,514	5,924,706	5,981,790
	2017	420,300	369,307	422,712	462,186	543,679	545,907	610,433	626,402	521,351	510,122	404,061	427,714	5,864,175	5,826,145
	2018	486,883	395,927	410,294	435,098	497,243	566,526	596,706	617,855	596,890	535,843	436,820	427,594	6,003,678	5,945,319
	2019	440,834	388,033	423,717	457,363	568,643	591,427	616,795	617,863	577,582	550,214	414,640	419,893	6,067,001	6,082,512
	2020	433,461	409,343	471,516	453,576	509,086	580,517	624,346	636,514	579,529	505,884	415,559	443,438	6,062,769	6,082,634
Projected	2021	466,886	408,015	442,367	450,395	531,689	578,070	624,866	628,562	570,791	508,160	417,511	443,916	6,071,227	6,066,521
	2022	467,610	408,999	443,420	449,835	531,584	577,220	624,579	628,453	570,669	508,428	417,799	444,569	6,073,164	6,071,957
	2023	467,780	409,222	443,347	450,074	532,197	577,415	625,052	629,203	571,401	509,364	418,971	446,019	6,080,045	6,076,486
	2024	468,832	424,444	444,440	451,381	533,509	578,604	626,185	630,118	572,447	510,282	419,683	447,376	6,107,301	6,104,315
	2025	469,949	411,277	445,280	452,431	534,820	579,689	627,335	631,174	573,365	511,035	420,189	448,459	6,105,003	6,102,660
	2026	470,826	412,051	445,619	452,924	535,517	580,192	627,899	631,679	573,764	511,402	420,329	449,286	6,111,486	6,110,153
	2027	471,618	412,786	445,863	453,342	536,227	580,797	628,680	632,464	574,445	511,677	420,328	450,040	6,118,266	6,117,238
	2028	472,387	427,741	445,996	453,643	536,847	581,362	629,448	633,236	575,051	512,610	420,856	451,379	6,140,556	6,137,755
	2029	473,785	414,733	446,563	454,352	537,913	582,335	630,611	634,374	575,973	511,344	419,298	450,519	6,131,798	6,135,484
	2030	472,902	413,943	445,008	453,057	536,800	581,068	629,477	633,264	574,822	512,875	420,335	452,368	6,125,920	6,121,501
Projected	2031	474,849	415,524	445,984	454,152	538,316	582,561	631,222	635,000	576,301	514,254	421,203	453,969	6,143,335	6,139,488
	2032	476,575	431,524	447,117	455,410	540,041	584,330	633,295	637,090	578,129	516,080	422,471	455,957	6,178,020	6,172,938
	2033	478,719	419,012	448,466	456,891	542,013	586,381	635,677	639,481	580,229	518,109	423,890	458,070	6,186,939	6,181,377
	2034	480,971	421,008	449,992	458,518	544,115	588,542	638,132	641,915	582,331	520,096	425,269	460,092	6,210,981	6,205,593
	2035	483,148	422,937	451,500	460,160	546,270	590,807	640,754	644,570	584,684	516,638	421,938	456,872	6,220,277	6,230,286
	2036	479,868	434,702	448,008	456,843	542,430	586,450	636,069	639,828	580,296	518,605	423,285	458,860	6,205,243	6,199,941
	2037	481,981	422,048	449,311	458,243	544,256	588,306	638,181	641,916	582,084	512,632	417,687	453,183	6,189,829	6,207,077
	2038	475,682	416,956	443,701	452,915	538,132	581,304	630,751	634,404	575,041	514,585	419,054	455,269	6,137,794	6,132,388
	2039	477,931	418,923	445,203	454,545	540,286	583,575	633,376	637,041	577,361	516,742	420,562	457,492	6,163,036	6,157,148
	2040	480,320	435,463	446,810	456,263	542,527	585,925	636,069	639,725	579,705	518,906	422,059	459,692	6,203,464	6,197,603

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.7%	6.5%	7.1%	8.1%	8.9%	9.8%	10.4%	10.7%	9.5%	7.7%	6.8%	7.0%	100.0%
	2012	7.4%	6.8%	7.6%	7.7%	9.1%	9.1%	10.4%	10.1%	9.3%	8.5%	6.7%	7.3%	100.0%
	2013	7.2%	6.7%	7.3%	7.8%	8.5%	9.6%	9.8%	10.5%	9.4%	8.7%	7.2%	7.4%	100.0%
	2014	8.2%	6.7%	7.1%	7.6%	8.9%	9.3%	10.2%	10.5%	9.1%	8.2%	6.9%	7.4%	100.0%
	2015	7.2%	6.7%	7.4%	8.0%	9.0%	9.6%	10.0%	9.9%	9.1%	8.1%	7.6%	7.4%	100.0%
	2016	7.3%	6.7%	7.2%	7.4%	8.7%	9.9%	10.9%	10.4%	9.4%	8.1%	6.7%	7.2%	100.0%
	2017	7.2%	6.3%	7.2%	7.9%	9.3%	9.3%	10.4%	10.7%	8.9%	8.7%	6.9%	7.3%	100.0%
	2018	8.1%	6.6%	6.8%	7.2%	8.3%	9.4%	9.9%	10.3%	9.9%	8.9%	7.3%	7.1%	100.0%
	2019	7.3%	6.4%	7.0%	7.5%	9.4%	9.7%	10.2%	10.2%	9.5%	9.1%	6.8%	6.9%	100.0%
	2020	7.1%	6.8%	7.8%	7.5%	8.4%	9.6%	10.3%	10.5%	9.6%	8.3%	6.9%	7.3%	100.0%
Projected	2021	7.7%	6.7%	7.3%	7.4%	8.8%	9.5%	10.3%	10.4%	9.4%	8.4%	6.9%	7.3%	100.0%
	2022	7.7%	6.7%	7.3%	7.4%	8.8%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.3%	100.0%
	2023	7.7%	6.7%	7.3%	7.4%	8.8%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.3%	100.0%
	2024	7.7%	6.9%	7.3%	7.4%	8.7%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.3%	100.0%
	2025	7.7%	6.7%	7.3%	7.4%	8.8%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.3%	100.0%
	2026	7.7%	6.7%	7.3%	7.4%	8.8%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
	2027	7.7%	6.7%	7.3%	7.4%	8.8%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
	2028	7.7%	7.0%	7.3%	7.4%	8.7%	9.5%	10.3%	10.3%	9.4%	8.3%	6.9%	7.4%	100.0%
	2029	7.7%	6.8%	7.3%	7.4%	8.8%	9.5%	10.3%	10.3%	9.4%	8.3%	6.8%	7.3%	100.0%
	2030	7.7%	6.8%	7.3%	7.4%	8.8%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.4%	100.0%
Avg.	2011-2020	7.5%	6.6%	7.2%	7.7%	8.8%	9.5%	10.2%	10.4%	9.4%	8.4%	7.0%	7.2%	100.0%
	2021-2030	7.7%	6.8%	7.3%	7.4%	8.8%	9.5%	10.3%	10.3%	9.4%	8.4%	6.9%	7.3%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
 Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Low Economic Case
Total Agency - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	1,186.7	959.1	878.6	1,100.6	1,154.6	1,267.6	1,263.5	1,300.2	1,185.3	1,007.2	881.6	829.5	1,293.0	1,300.2
	2012	1,119.9	1,086.3	905.9	1,036.2	1,147.8	1,221.4	1,250.8	1,236.0	1,189.0	1,114.0	846.1	913.6	1,119.9	1,250.8
	2013	886.9	1,072.3	1,069.8	1,006.7	1,099.7	1,228.1	1,212.8	1,258.0	1,208.7	1,107.3	953.6	903.5	1,072.3	1,258.0
	2014	1,071.5	922.0	817.8	1,005.3	1,075.0	1,134.0	1,176.1	1,216.5	1,157.3	1,034.7	961.8	879.0	1,071.5	1,216.5
	2015	927.9	1,149.5	907.0	1,016.2	1,131.0	1,229.4	1,199.5	1,215.3	1,170.4	1,045.8	1,029.8	883.0	1,149.5	1,229.4
	2016	1,061.1	1,047.8	943.2	1,040.4	1,121.9	1,247.3	1,291.2	1,260.1	1,168.4	1,067.3	864.6	884.5	1,061.1	1,291.2
	2017	980.7	845.1	970.7	1,111.3	1,194.2	1,201.0	1,251.1	1,267.1	1,203.6	1,139.1	887.9	959.9	980.7	1,267.1
	2018	1,219.5	927.7	903.1	935.7	1,072.0	1,229.2	1,231.7	1,252.9	1,247.7	1,165.2	1,026.5	987.2	1,219.5	1,252.9
	2019	999.3	932.9	963.3	1,029.7	1,252.2	1,311.1	1,283.4	1,277.0	1,260.9	1,147.4	985.8	886.8	1,026.5	1,311.1
	2020	1,050.0	960.0	1,058.6	1,080.0	1,172.1	1,312.8	1,293.6	1,303.9	1,297.8	1,137.5	957.4	930.8	1,058.6	1,312.8
Projected	2021	1,173.5	1,050.5	991.4	1,064.2	1,192.1	1,279.8	1,282.7	1,309.4	1,245.2	1,132.8	956.5	933.2	1,173.5	1,309.4
	2022	1,176.5	1,053.1	992.9	1,064.1	1,192.1	1,279.1	1,282.0	1,308.7	1,244.4	1,132.8	957.5	934.5	1,176.5	1,308.7
	2023	1,178.1	1,054.5	994.7	1,065.6	1,193.8	1,280.2	1,283.1	1,309.9	1,245.5	1,134.3	960.2	937.1	1,178.1	1,309.9
	2024	1,181.2	1,057.4	998.0	1,068.2	1,196.6	1,282.3	1,285.3	1,312.2	1,247.5	1,136.6	962.9	940.9	1,181.2	1,312.2
	2025	1,185.5	1,061.1	1,001.5	1,070.9	1,199.8	1,284.4	1,287.6	1,314.5	1,249.6	1,139.4	966.0	943.8	1,185.5	1,314.5
	2026	1,189.1	1,064.2	1,004.9	1,072.8	1,202.1	1,285.3	1,288.6	1,315.6	1,250.5	1,141.3	968.8	946.7	1,189.1	1,315.6
	2027	1,192.7	1,067.3	1,008.4	1,075.3	1,204.9	1,286.7	1,290.0	1,317.2	1,251.8	1,143.1	972.1	949.1	1,192.7	1,317.2
	2028	1,195.7	1,070.2	1,012.2	1,077.7	1,207.9	1,288.1	1,291.5	1,318.7	1,253.1	1,146.4	976.0	953.8	1,195.7	1,318.7
	2029	1,201.3	1,075.1	1,016.8	1,080.9	1,211.6	1,290.1	1,293.6	1,321.0	1,255.0	1,145.6	976.6	953.7	1,201.3	1,321.0
	2030	1,200.6	1,074.7	1,017.4	1,080.5	1,211.4	1,288.0	1,291.5	1,318.9	1,252.8	1,149.7	981.9	958.9	1,200.6	1,318.9
Projected	2031	1,206.8	1,080.2	1,023.0	1,084.6	1,216.2	1,291.3	1,294.8	1,322.4	1,256.0	1,154.3	987.1	963.0	1,206.8	1,322.4
	2032	1,212.7	1,085.3	1,028.8	1,089.2	1,221.5	1,295.3	1,298.9	1,326.7	1,259.8	1,159.4	992.3	969.0	1,212.7	1,326.7
	2033	1,219.6	1,091.5	1,034.7	1,094.3	1,227.4	1,299.8	1,303.6	1,331.5	1,264.3	1,164.9	998.1	974.5	1,219.6	1,331.5
	2034	1,226.7	1,097.7	1,041.0	1,099.4	1,233.2	1,304.6	1,308.4	1,336.5	1,268.8	1,170.5	1,003.7	979.9	1,226.7	1,336.5
	2035	1,233.4	1,103.6	1,047.1	1,104.8	1,239.4	1,309.7	1,313.6	1,341.8	1,273.7	1,163.7	999.8	973.1	1,233.4	1,341.8
	2036	1,225.8	1,096.7	1,042.6	1,098.2	1,231.7	1,299.9	1,303.7	1,331.7	1,264.2	1,169.4	1,005.0	978.9	1,225.8	1,331.7
	2037	1,232.6	1,102.8	1,048.3	1,102.7	1,236.9	1,304.0	1,307.6	1,335.9	1,268.1	1,156.3	994.3	964.9	1,232.6	1,335.9
	2038	1,215.1	1,086.7	1,036.4	1,091.2	1,223.3	1,287.6	1,291.1	1,319.0	1,252.2	1,161.6	1,000.2	970.5	1,215.1	1,319.0
	2039	1,222.1	1,092.8	1,042.7	1,096.6	1,229.6	1,292.7	1,296.3	1,324.3	1,257.2	1,167.5	1,006.6	975.8	1,222.1	1,324.3
	2040	1,229.1	1,099.0	1,049.4	1,102.2	1,236.0	1,298.0	1,301.6	1,329.8	1,262.2	1,173.5	1,017.4	987.3	1,229.1	1,329.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	52.3%	61.1%	65.0%	61.6%	62.6%	64.4%	66.4%	66.6%	66.8%	61.5%	64.6%	67.9%	53.2%	54.0%
	2012	52.7%	53.6%	67.0%	61.4%	63.7%	62.0%	67.0%	65.7%	64.8%	60.9%	65.4%	64.1%	60.8%	54.0%
	2013	65.0%	55.6%	54.3%	63.9%	62.0%	64.8%	64.5%	66.9%	64.6%	62.7%	62.2%	65.5%	63.4%	53.7%
	2014	57.6%	60.7%	65.2%	58.6%	62.2%	63.9%	65.3%	65.4%	61.5%	60.0%	55.9%	63.1%	59.8%	53.8%
	2015	61.4%	50.7%	64.3%	64.1%	62.6%	63.7%	65.6%	64.6%	63.7%	61.3%	60.3%	66.5%	58.4%	53.6%
	2016	55.1%	54.5%	61.0%	58.3%	62.0%	65.3%	67.2%	65.6%	66.4%	60.7%	63.9%	64.5%	63.7%	52.9%
	2017	57.6%	65.0%	58.5%	57.8%	61.2%	63.1%	65.6%	66.4%	60.2%	60.2%	63.2%	59.9%	68.3%	52.5%
	2018	53.7%	63.5%	61.1%	64.6%	62.3%	64.0%	65.1%	66.3%	66.4%	61.8%	59.1%	58.2%	56.2%	54.2%
	2019	59.3%	61.9%	59.1%	61.7%	61.0%	62.7%	64.6%	65.0%	63.6%	64.5%	58.4%	63.6%	67.5%	53.0%
	2020	55.5%	61.3%	59.9%	58.3%	58.4%	61.4%	64.9%	65.6%	62.0%	59.8%	60.3%	64.0%	65.4%	52.9%
Projected	2021	53.5%	57.8%	60.0%	58.8%	59.9%	62.7%	65.5%	64.5%	63.7%	60.3%	60.6%	63.9%	59.1%	52.9%
	2022	53.4%	57.8%	60.0%	58.7%	59.9%	62.7%	65.5%	64.5%	63.7%	60.3%	60.6%	63.9%	58.9%	53.0%
	2023	53.4%	57.7%	59.9%	58.7%	59.9%	62.6%	65.5%	64.6%	63.7%	60.4%	60.6%	64.0%	58.9%	53.0%
	2024	53.3%	57.7%	59.9%	58.7%	59.9%	62.7%	65.5%	64.5%	63.7%	60.3%	60.5%	63.9%	59.0%	53.1%
	2025	53.3%	57.7%	59.8%	58.7%	59.9%	62.7%	65.5%	64.5%	63.7%	60.3%	60.4%	63.9%	58.8%	53.0%
	2026	53.2%	57.6%	59.6%	58.6%	59.9%	62.7%	65.5%	64.5%	63.7%	60.2%	60.3%	63.8%	58.7%	53.0%
	2027	53.2%	57.6%	59.4%	58.6%	59.8%	62.7%	65.5%	64.5%	63.7%	60.2%	60.1%	63.7%	58.6%	53.0%
	2028	53.1%	57.4%	59.2%	58.5%	59.7%	62.7%	65.5%	64.5%	63.7%	60.1%	59.9%	63.6%	58.6%	53.1%
	2029	53.0%	57.4%	59.0%	58.4%	59.7%	62.7%	65.5%	64.5%	63.7%	60.0%	59.6%	63.5%	58.3%	53.0%
	2030	52.9%	57.3%	58.8%	58.2%	59.6%	62.7%	65.5%	64.5%	63.7%	60.0%	59.5%	63.4%	58.2%	53.0%
Avg.	2011-2020	57.0%	58.8%	61.5%	61.0%	61.8%	63.5%	65.6%	65.8%	64.0%	61.3%	61.3%	63.7%	61.7%	53.4%
	2021-2030	53.2%	57.6%	59.6%	58.6%	59.8%	62.7%	65.5%	64.5%	63.7%	60.2%	60.2%	63.8%	58.7%	53.0%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Low Economic Case
Total Agency - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	1,168.7	900.6	807.1	1,067.7	1,112.3	1,239.2	1,214.4	1,258.2	1,124.9	990.4	852.3	750.1	1,258.3	1,258.2
	2012	1,096.7	1,038.9	871.7	993.3	1,091.1	1,146.8	1,203.3	1,188.3	1,143.4	1,087.3	747.0	830.0	1,096.7	1,203.3
	2013	772.0	1,003.2	1,009.9	958.2	1,073.6	1,176.8	1,156.6	1,222.0	1,164.9	1,067.9	906.6	820.2	1,009.9	1,222.0
	2014	996.9	847.6	703.0	998.1	1,051.7	1,106.0	1,125.7	1,185.1	1,092.9	1,015.0	827.7	795.4	996.9	1,185.1
	2015	850.7	1,128.5	856.5	953.8	1,102.4	1,194.4	1,144.2	1,172.3	1,136.9	1,029.9	1,009.9	853.9	1,128.5	1,194.4
	2016	1,001.8	1,006.1	909.0	1,024.0	1,068.4	1,216.1	1,267.7	1,247.5	1,112.4	989.2	843.2	827.1	1,009.9	1,267.7
	2017	862.5	831.1	919.4	1,105.5	1,173.8	1,177.8	1,215.6	1,236.4	1,157.1	1,122.5	854.2	900.2	919.4	1,236.4
	2018	1,178.9	879.6	844.9	887.1	1,038.0	1,167.3	1,186.3	1,238.9	1,210.0	1,154.7	979.8	888.2	1,178.9	1,238.9
	2019	912.2	895.1	900.2	1,010.5	1,209.6	1,292.4	1,262.0	1,208.8	1,250.3	1,099.8	980.1	782.3	979.8	1,292.4
	2020	1,007.7	890.1	1,022.3	1,013.2	1,138.3	1,281.4	1,239.1	1,270.1	1,268.4	1,108.1	906.8	859.9	1,022.3	1,281.4
Projected	2021	1,107.0	1,004.3	934.4	1,029.7	1,157.6	1,244.6	1,241.4	1,277.1	1,204.4	1,103.7	906.0	862.0	1,107.0	1,277.1
	2022	1,109.4	1,006.5	935.8	1,029.6	1,157.6	1,243.9	1,240.7	1,276.4	1,203.6	1,103.7	907.0	863.2	1,109.4	1,276.4
	2023	1,110.9	1,007.8	937.4	1,031.0	1,159.2	1,244.9	1,241.8	1,277.5	1,204.6	1,105.2	909.6	865.6	1,110.9	1,277.5
	2024	1,113.8	1,010.5	940.6	1,033.4	1,162.0	1,247.0	1,244.0	1,279.7	1,206.6	1,107.5	912.3	868.9	1,113.8	1,279.7
	2025	1,117.4	1,013.8	944.0	1,036.1	1,165.0	1,249.1	1,246.1	1,281.9	1,208.5	1,110.2	915.3	871.6	1,117.4	1,281.9
	2026	1,120.8	1,016.8	947.3	1,037.9	1,167.2	1,250.0	1,247.0	1,283.0	1,209.3	1,112.1	918.0	874.3	1,120.8	1,283.0
	2027	1,124.2	1,019.7	950.7	1,040.2	1,169.9	1,251.4	1,248.4	1,284.5	1,210.5	1,113.8	921.2	876.7	1,124.2	1,284.5
	2028	1,127.5	1,022.7	954.3	1,042.5	1,172.8	1,252.7	1,249.8	1,286.0	1,211.6	1,117.0	924.9	880.9	1,127.5	1,286.0
	2029	1,132.6	1,027.2	958.8	1,045.6	1,176.4	1,254.6	1,251.8	1,288.2	1,213.4	1,116.3	925.5	880.9	1,132.6	1,288.2
	2030	1,132.4	1,027.1	959.4	1,045.1	1,176.1	1,252.4	1,249.6	1,286.1	1,211.2	1,120.4	930.6	885.8	1,132.4	1,286.1
Projected	2031	1,138.2	1,032.3	964.8	1,049.0	1,180.7	1,255.6	1,252.8	1,289.5	1,214.2	1,124.8	935.6	889.7	1,138.2	1,289.5
	2032	1,144.1	1,037.5	970.3	1,053.4	1,185.9	1,259.4	1,256.7	1,293.6	1,217.8	1,129.8	940.5	895.2	1,144.1	1,293.6
	2033	1,150.4	1,043.2	975.9	1,058.2	1,191.5	1,263.9	1,261.1	1,298.3	1,222.0	1,135.2	946.1	900.3	1,150.4	1,298.3
	2034	1,157.1	1,049.2	982.0	1,063.2	1,197.1	1,268.4	1,265.7	1,303.1	1,226.3	1,140.6	951.4	905.3	1,157.1	1,303.1
	2035	1,163.4	1,054.9	987.8	1,068.4	1,203.1	1,273.4	1,270.7	1,308.3	1,231.1	1,134.1	947.8	899.4	1,163.4	1,308.3
	2036	1,156.2	1,048.6	983.8	1,061.8	1,195.5	1,263.9	1,261.1	1,298.7	1,222.1	1,139.7	952.8	904.7	1,156.2	1,298.7
	2037	1,162.4	1,054.2	989.2	1,066.1	1,200.5	1,267.8	1,265.0	1,302.8	1,225.7	1,127.4	943.3	892.7	1,162.4	1,302.8
	2038	1,144.5	1,040.0	979.1	1,054.8	1,187.3	1,251.7	1,249.1	1,286.8	1,210.5	1,132.6	948.9	897.9	1,144.5	1,286.8
	2039	1,151.1	1,045.9	985.2	1,060.1	1,193.3	1,256.7	1,254.1	1,292.1	1,215.2	1,138.3	955.2	903.0	1,151.1	1,292.1
	2040	1,158.0	1,052.0	991.6	1,065.4	1,199.5	1,261.7	1,259.2	1,297.4	1,220.0	1,144.2	965.5	913.7	1,158.0	1,297.4

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.5%	93.9%	91.9%	97.0%	96.3%	97.8%	96.1%	96.8%	94.9%	98.3%	96.7%	90.4%	97.3%	96.8%
	2012	97.9%	95.6%	96.2%	95.9%	95.1%	93.9%	96.2%	96.1%	96.2%	97.6%	88.3%	90.8%	97.9%	96.2%
	2013	87.0%	93.6%	94.4%	95.2%	97.6%	95.8%	95.4%	97.1%	96.4%	96.4%	95.1%	90.8%	94.2%	97.1%
	2014	93.0%	91.9%	86.0%	99.3%	97.8%	97.5%	95.7%	97.4%	94.4%	98.1%	86.1%	90.5%	93.0%	97.4%
	2015	91.7%	98.2%	94.4%	93.9%	97.5%	97.2%	95.4%	96.5%	97.1%	98.5%	98.1%	96.7%	98.2%	97.2%
	2016	94.4%	96.0%	96.4%	98.4%	95.2%	97.5%	98.2%	99.0%	95.2%	92.7%	97.5%	93.5%	95.2%	98.2%
	2017	88.0%	98.3%	94.7%	99.5%	98.3%	98.1%	97.2%	97.6%	96.1%	98.5%	96.2%	93.8%	93.8%	97.6%
	2018	96.7%	94.8%	93.6%	94.8%	96.8%	95.0%	96.3%	98.9%	97.0%	99.1%	95.5%	90.0%	96.7%	98.9%
	2019	91.3%	95.9%	93.5%	98.1%	96.6%	98.6%	98.3%	94.7%	99.2%	95.9%	99.4%	88.2%	95.5%	98.6%
	2020	96.0%	92.7%	96.6%	93.8%	97.1%	97.6%	95.8%	97.4%	97.7%	97.4%	94.7%	92.4%	96.6%	97.6%
Projected	2021	94.3%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.7%	92.4%	94.3%	97.5%
	2022	94.3%	95.6%	94.2%	96.8%	97.1%	97.2%	96.8%	97.5%	96.7%	97.4%	94.7%	92.4%	94.3%	97.5%
	2023	94.3%	95.6%	94.2%	96.8%	97.1%	97.2%	96.8%	97.5%	96.7%	97.4%	94.7%	92.4%	94.3%	97.5%
	2024	94.3%	95.6%	94.3%	96.7%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.7%	92.3%	94.3%	97.5%
	2025	94.3%	95.5%	94.3%	96.7%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.7%	92.3%	94.3%	97.5%
	2026	94.3%	95.5%	94.3%	96.7%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.8%	92.4%	94.3%	97.5%
	2027	94.3%	95.5%	94.3%	96.7%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.8%	92.4%	94.3%	97.5%
	2028	94.3%	95.6%	94.3%	96.7%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.8%	92.4%	94.3%	97.5%
	2029	94.3%	95.6%	94.3%	96.7%	97.1%	97.2%	96.8%	97.5%	96.7%	97.4%	94.8%	92.4%	94.3%	97.5%
	2030	94.3%	95.6%	94.3%	96.7%	97.1%	97.2%	96.8%	97.5%	96.7%	97.4%	94.8%	92.4%	94.3%	97.5%
	2011-2020	93.4%	95.1%	93.8%	96.6%	96.8%	96.9%	96.5%	97.1%	96.4%	97.3%	94.7%	91.7%	95.8%	97.5%
	2021-2030	94.3%	95.6%	94.3%	96.7%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.8%	92.4%	94.3%	97.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Low Economic Case
FP&L Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	2,805,902	-	2,743,469	-	-2.2%	544.4	-	515.1	-	-5.4%	534.8	-	509.2	-	-4.8%
	2012	2,709,712	-3.4%	2,761,124	0.6%	1.9%	469.7	-13.7%	453.2	-12.0%	-3.5%	527.2	-1.4%	545.0	7.0%	3.4%
	2013	2,693,753	-0.6%	2,739,574	-0.8%	1.7%	425.0	-9.5%	423.7	-6.5%	-0.3%	524.0	-0.6%	533.8	-2.0%	1.9%
	2014	2,437,324	-9.5%	2,417,176	-11.8%	-0.8%	384.4	-9.5%	415.5	-1.9%	8.1%	452.1	-13.7%	456.0	-14.6%	0.9%
	2015	2,366,430	-2.9%	2,337,824	-3.3%	-1.2%	456.4	18.7%	386.1	-7.1%	-15.4%	444.3	-1.7%	453.0	-0.6%	2.0%
	2016	2,436,956	3.0%	2,388,099	2.2%	-2.0%	390.9	-14.3%	403.9	4.6%	3.3%	484.9	9.1%	467.6	3.2%	-3.6%
	2017	2,341,144	-3.9%	2,315,068	-3.1%	-1.1%	344.6	-11.9%	361.2	-10.6%	4.8%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,318,307	0.1%	-1.6%	446.1	29.5%	429.5	18.9%	-3.7%	464.7	-0.5%	470.9	-1.1%	1.3%
	2019	2,399,054	1.8%	2,310,655	-0.3%	-3.7%	364.8	-18.2%	429.3	-0.1%	17.7%	470.0	1.1%	459.7	-2.4%	-2.2%
	2020	2,378,062	-0.9%	2,357,880	2.0%	-0.8%	355.3	-2.6%	412.9	-3.8%	16.2%	475.6	1.2%	478.8	4.1%	0.7%
Projected	2021	2,356,226	-0.9%	2,356,226	-0.1%		393.1	10.6%	393.1	-4.8%		464.6	-2.3%	464.6	-3.0%	
	2022			2,363,351	0.3%				395.6	0.6%				464.4	0.0%	
	2023			2,361,611	-0.1%				395.3	-0.1%				464.0	-0.1%	
	2024			2,368,097	0.3%				394.2	-0.3%				464.0	0.0%	
	2025			2,365,292	-0.1%				395.1	0.2%				464.0	0.0%	
	2026			2,364,928	0.0%				394.8	-0.1%				463.8	0.0%	
	2027			2,366,534	0.1%				394.8	0.0%				464.2	0.1%	
	2028			2,374,744	0.3%				394.2	-0.1%				465.0	0.2%	
	2029			2,375,742	0.0%				395.9	0.4%				466.0	0.2%	
	2030			2,354,475	-0.9%				391.4	-1.2%				462.4	-0.8%	
	2031			2,361,399	0.3%				392.3	0.2%				463.7	0.3%	
	2032			2,373,116	0.5%				392.5	0.1%				465.4	0.4%	
	2033			2,377,838	0.2%				394.7	0.6%				467.1	0.4%	
	2034			2,387,283	0.4%				396.1	0.4%				469.0	0.4%	
	2035			2,397,010	0.4%				397.5	0.3%				470.9	0.4%	
	2036			2,340,436	-2.4%				384.0	-3.4%				458.2	-2.7%	
	2037			2,344,453	0.2%				386.1	0.6%				459.6	0.3%	
	2038			2,253,842	-3.9%				363.4	-5.9%				440.0	-4.3%	
	2039			2,261,380	0.3%				364.4	0.3%				441.5	0.4%	
	2040			2,273,873	0.6%				364.8	0.1%				443.2	0.4%	
CAGR ^[3]	2011-2020		-1.8%		-1.7%			-4.6%		-2.4%			-1.3%		-0.7%	
	2021-2030				0.0%					0.0%					-0.1%	
	2031-2040				-0.4%					-0.8%					-0.5%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Low Economic Case
FP&L Cities - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	2,805,902	-	2,805,902	-	574.7	568.1	574.7	568.1	544.4	534.8	544.4	534.8
	2012	2,709,712	-3.4%	2,709,712	-3.4%	487.9	552.6	487.9	552.6	469.7	527.2	469.7	527.2
	2013	2,693,753	-0.6%	2,693,753	-0.6%	490.6	541.5	490.6	541.5	425.0	524.0	425.0	524.0
	2014	2,437,324	-9.5%	2,437,324	-9.5%	446.5	475.7	446.5	475.7	384.4	452.1	408.2	452.6
	2015	2,366,430	-2.9%	2,366,430	-2.9%	476.8	478.3	476.8	478.3	456.4	444.3	456.4	450.7
	2016	2,436,956	3.0%	2,436,956	3.0%	437.5	501.8	437.5	501.8	390.9	484.9	390.9	484.9
	2017	2,341,144	-3.9%	2,341,144	-3.9%	411.0	485.1	411.0	485.1	344.6	467.3	344.6	467.3
	2018	2,355,507	0.6%	2,355,507	0.6%	474.7	475.7	474.7	475.7	446.1	464.7	446.1	464.7
	2019	2,399,054	1.8%	2,399,054	1.8%	403.8	492.9	403.8	492.9	364.8	470.0	364.8	470.0
	2020	2,378,062	-0.9%	2,365,311	-1.4%	414.8	490.7	450.3	481.9	355.3	475.6	398.4	460.2
Projected	2021	2,356,226	-0.9%	2,368,535	0.1%	446.4	486.4	454.1	485.4	393.1	464.6	401.7	463.5
	2022	2,363,351	0.3%	2,366,587	-0.1%	449.4	486.4	455.5	484.2	395.6	464.4	403.1	462.3
	2023	2,361,611	-0.1%	2,359,447	-0.3%	449.1	485.9	454.5	482.5	395.3	464.0	402.2	460.7
	2024	2,368,097	0.3%	2,356,732	-0.1%	448.1	486.0	451.8	481.3	394.2	464.0	399.9	459.5
	2025	2,365,292	-0.1%	2,348,884	-0.3%	449.6	486.0	452.2	480.7	395.1	464.0	400.2	459.0
	2026	2,364,928	0.0%	2,348,127	0.0%	449.4	485.8	451.9	480.7	394.8	463.8	400.0	459.0
	2027	2,366,534	0.1%	2,348,550	0.0%	449.5	486.2	452.1	480.8	394.8	464.2	400.2	459.1
	2028	2,374,744	0.3%	2,353,735	0.2%	448.8	487.1	451.1	481.1	394.2	465.0	399.4	459.4
	2029	2,375,742	0.0%	2,350,822	-0.1%	450.9	488.1	452.6	481.3	395.9	466.0	400.7	459.6
	2030	2,354,475	-0.9%	2,329,797	-0.9%	445.8	484.4	447.7	477.7	391.4	462.4	396.5	456.1
	2031	2,361,399	0.3%	2,332,353	0.1%	446.9	485.8	448.2	478.4	392.3	463.7	396.9	456.8
	2032	2,373,116	0.5%	2,341,446	0.4%	447.1	487.5	448.0	479.5	392.5	465.4	396.8	457.8
	2033	2,377,838	0.2%	2,342,342	0.0%	449.7	489.3	450.0	480.5	394.7	467.1	398.5	458.8
	2034	2,387,283	0.4%	2,347,433	0.2%	451.4	491.3	451.0	481.5	396.1	469.0	399.3	459.7
	2035	2,397,010	0.4%	2,352,705	0.2%	453.0	493.3	451.9	482.6	397.5	470.9	400.1	460.8
	2036	2,340,436	-2.4%	2,293,628	-2.5%	439.0	479.9	437.4	468.9	384.0	458.2	386.3	447.7
	2037	2,344,453	0.2%	2,293,359	0.0%	441.6	481.4	439.3	469.5	386.1	459.6	387.8	448.3
	2038	2,253,842	-3.9%	2,199,869	-4.1%	419.2	460.7	416.2	448.2	363.4	440.0	364.6	428.0
	2039	2,261,380	0.3%	2,203,440	0.2%	420.4	462.3	416.7	449.0	364.4	441.5	365.1	428.8
	2040	2,273,873	0.6%			420.8	464.1			364.8	443.2		
CAGR ^[1]	Historical		-1.8%		-1.9%	-3.6%	-1.6%	-4.3%	-1.8%	-3.4%	-1.3%	-3.5%	-1.6%
	1st 10 Prj Yrs		0.0%		-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%
	2nd 10 Prj Yrs		-0.4%		-0.6%	-0.7%	-0.5%	-0.8%	-0.7%	-0.8%	-0.5%	-0.9%	-0.7%

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[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case
FP&L Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	2,805,902	-	2,743,469	-	-2.2%	544.4	-	515.1	-	-5.4%	534.8	-	509.2	-	-4.8%
	2012	2,709,712	-3.4%	2,761,124	0.6%	1.9%	469.7	-13.7%	453.2	-12.0%	-3.5%	527.2	-1.4%	545.0	7.0%	3.4%
	2013	2,693,753	-0.6%	2,739,574	-0.8%	1.7%	425.0	-9.5%	423.7	-6.5%	-0.3%	524.0	-0.6%	533.8	-2.0%	1.9%
	2014	2,437,324	-9.5%	2,417,176	-11.8%	-0.8%	384.4	-9.5%	415.5	-1.9%	8.1%	452.1	-13.7%	456.0	-14.6%	0.9%
	2015	2,366,430	-2.9%	2,337,824	-3.3%	-1.2%	456.4	18.7%	386.1	-7.1%	-15.4%	444.3	-1.7%	453.0	-0.6%	2.0%
	2016	2,436,956	3.0%	2,388,099	2.2%	-2.0%	390.9	-14.3%	403.9	4.6%	3.3%	484.9	9.1%	467.6	3.2%	-3.6%
	2017	2,341,144	-3.9%	2,315,068	-3.1%	-1.1%	344.6	-11.9%	361.2	-10.6%	4.8%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,318,307	0.1%	-1.6%	446.1	29.5%	429.5	18.9%	-3.7%	464.7	-0.5%	470.9	-1.1%	1.3%
	2019	2,399,054	1.8%	2,310,655	-0.3%	-3.7%	364.8	-18.2%	429.3	-0.1%	17.7%	470.0	1.1%	459.7	-2.4%	-2.2%
	2020	2,378,062	-0.9%	2,313,635	0.1%	-2.7%	355.3	-2.6%	412.9	-3.8%	16.2%	475.6	1.2%	478.8	4.1%	0.7%
Projected	2021	2,353,920	-1.0%	2,353,920	1.7%		393.1	10.6%	393.1	-4.8%		464.0	-2.4%	464.0	-3.1%	
	2022			2,360,332	0.3%				395.6	0.6%				463.7	-0.1%	
	2023			2,357,874	-0.1%				395.3	-0.1%				463.1	-0.1%	
	2024			2,363,546	0.2%				394.2	-0.3%				462.9	0.0%	
	2025			2,359,861	-0.2%				395.1	0.2%				462.7	-0.1%	
	2026			2,358,273	-0.1%				394.8	-0.1%				462.2	-0.1%	
	2027			2,358,548	0.0%				394.8	0.0%				462.3	0.0%	
	2028			2,365,333	0.3%				394.2	-0.1%				462.8	0.1%	
	2029			2,364,858	0.0%				395.9	0.4%				463.4	0.1%	
	2030			2,342,039	-1.0%				391.4	-1.2%				459.5	-0.9%	
	2031			2,347,946	0.3%				392.3	0.2%				460.5	0.2%	
	2032			2,358,602	0.5%				392.5	0.1%				461.9	0.3%	
	2033			2,362,347	0.2%				394.7	0.6%				463.4	0.3%	
	2034			2,370,744	0.4%				396.1	0.4%				465.0	0.3%	
	2035			2,379,480	0.4%				397.5	0.3%				466.7	0.4%	
	2036			2,322,144	-2.4%				384.0	-3.4%				453.9	-2.8%	
	2037			2,325,064	0.1%				386.1	0.6%				455.0	0.3%	
	2038			2,234,640	-3.9%				363.4	-5.9%				435.4	-4.3%	
	2039			2,240,939	0.3%				364.4	0.3%				436.7	0.3%	
	2040			2,252,161	0.5%				364.8	0.1%				438.1	0.3%	
CAGR^[3]	2011-2020		-1.8%		-1.9%			-4.6%		-2.4%			-1.3%		-0.7%	
	2021-2030				-0.1%					0.0%					-0.1%	
	2031-2040				-0.5%					-0.8%					-0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Low Economic Case
FP&L Cities - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	209,012	180,449	196,232	225,664	249,124	267,493	286,323	292,471	259,771	216,575	192,071	192,271	2,767,453	2,805,902
	2012	197,794	187,479	206,843	206,993	244,678	252,612	284,965	274,837	252,594	233,692	181,737	197,699	2,721,923	2,709,712
	2013	196,118	182,394	194,421	211,947	230,928	261,547	266,045	283,574	253,653	238,380	200,557	202,386	2,721,950	2,693,753
	2014	187,229	159,573	167,998	174,913	203,678	214,694	235,507	242,749	209,660	191,583	158,846	167,343	2,313,772	2,437,324
	2015	173,824	159,676	177,850	191,364	213,975	229,122	243,920	240,108	218,819	198,016	185,657	180,873	2,413,205	2,366,430
	2016	176,709	160,492	176,455	177,928	209,878	234,796	261,639	250,374	224,138	196,875	162,861	175,563	2,407,707	2,436,956
	2017	170,310	151,110	171,235	184,929	216,561	221,569	247,242	248,927	193,963	205,846	163,545	170,519	2,345,756	2,341,144
	2018	188,426	157,451	162,979	173,406	195,681	221,893	239,768	241,884	234,109	213,042	174,519	168,935	2,372,093	2,355,507
	2019	170,522	154,951	169,495	181,670	222,056	233,175	244,074	242,407	224,207	216,013	164,358	165,173	2,388,102	2,399,054
	2020	169,285	161,203	180,851	177,962	195,978	224,682	246,206	248,900	227,449	199,089	162,165	167,564	2,361,335	2,378,062
Projected	2021	180,864	158,115	174,360	176,246	203,708	222,807	241,820	243,245	223,937	200,874	163,677	168,608	2,358,261	2,353,920
	2022	181,961	158,927	175,175	176,385	203,567	222,668	241,650	242,988	223,850	200,749	163,601	168,605	2,360,127	2,360,332
	2023	181,741	158,628	174,879	176,206	203,384	222,321	241,281	242,747	223,732	200,772	163,875	168,937	2,358,503	2,357,874
	2024	181,836	162,924	175,106	176,482	203,585	222,464	241,237	242,596	223,732	200,808	163,974	169,179	2,363,923	2,363,546
	2025	181,906	158,784	175,203	176,639	203,721	222,484	241,133	242,437	223,591	200,673	163,919	169,177	2,359,669	2,359,861
	2026	181,771	158,662	175,070	176,560	203,626	222,316	240,901	242,199	223,400	200,540	163,856	169,204	2,358,103	2,358,273
	2027	181,755	158,664	175,072	176,614	203,712	222,386	240,969	242,280	223,497	200,653	163,974	169,400	2,358,976	2,358,548
	2028	181,939	163,009	175,240	176,825	203,976	222,658	241,271	242,594	223,795	200,949	164,222	169,716	2,366,192	2,365,333
	2029	182,256	159,124	175,492	177,104	204,306	222,995	241,629	242,952	224,113	199,101	162,443	167,870	2,359,387	2,364,858
	2030	180,316	157,390	173,619	175,358	202,394	220,993	239,536	240,865	222,152	199,649	162,901	168,385	2,343,559	2,342,039
Projected	2031	180,862	157,770	173,996	175,758	202,864	221,502	240,105	241,452	222,700	200,029	163,192	168,721	2,348,952	2,347,946
	2032	181,240	162,420	174,491	176,274	203,481	222,188	240,877	242,247	223,441	200,707	163,733	169,313	2,360,413	2,358,602
	2033	181,896	158,780	175,034	176,838	204,142	222,919	241,698	243,080	224,207	201,406	164,280	169,904	2,364,184	2,362,347
	2034	182,541	159,380	175,648	177,462	204,863	223,709	242,572	243,967	225,013	202,138	164,852	170,509	2,372,653	2,370,744
	2035	183,207	159,976	176,265	178,100	205,609	224,532	243,497	244,915	225,882	197,257	160,556	165,678	2,365,473	2,379,480
	2036	178,236	159,956	171,783	173,713	200,321	218,736	237,173	238,575	220,159	197,977	161,109	166,269	2,324,008	2,322,144
	2037	178,874	156,349	172,275	174,208	200,884	219,338	237,827	239,222	220,731	190,841	154,771	159,240	2,304,561	2,325,064
	2038	171,117	149,957	165,801	167,895	193,360	210,884	228,670	229,958	212,148	191,343	155,157	159,671	2,235,960	2,234,640
	2039	171,595	150,386	166,230	168,349	193,901	211,487	229,355	230,664	212,801	191,941	155,621	160,192	2,242,522	2,240,939
	2040	172,173	154,863	166,736	168,871	194,515	212,168	230,121	231,446	213,513	192,582	156,113	160,736	2,253,838	2,252,161

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.6%	6.5%	7.1%	8.2%	9.0%	9.7%	10.3%	10.6%	9.4%	7.8%	6.9%	6.9%	100.0%
	2012	7.3%	6.9%	7.6%	7.6%	9.0%	9.3%	10.5%	10.1%	9.3%	8.6%	6.7%	7.3%	100.0%
	2013	7.2%	6.7%	7.1%	7.8%	8.5%	9.6%	9.8%	10.4%	9.3%	8.8%	7.4%	7.4%	100.0%
	2014	8.1%	6.9%	7.3%	7.6%	8.8%	9.3%	10.2%	10.5%	9.1%	8.3%	6.9%	7.2%	100.0%
	2015	7.2%	6.6%	7.4%	7.9%	8.9%	9.5%	10.1%	9.9%	9.1%	8.2%	7.7%	7.5%	100.0%
	2016	7.3%	6.7%	7.3%	7.4%	8.7%	9.8%	10.9%	10.4%	9.3%	8.2%	6.8%	7.3%	100.0%
	2017	7.3%	6.4%	7.3%	7.9%	9.2%	9.4%	10.5%	10.6%	8.3%	8.8%	7.0%	7.3%	100.0%
	2018	7.9%	6.6%	6.9%	7.3%	8.2%	9.4%	10.1%	10.2%	9.9%	9.0%	7.4%	7.1%	100.0%
	2019	7.1%	6.5%	7.1%	7.6%	9.3%	9.8%	10.2%	10.2%	9.4%	9.0%	6.9%	6.9%	100.0%
	2020	7.2%	6.8%	7.7%	7.5%	8.3%	9.5%	10.4%	10.5%	9.6%	8.4%	6.9%	7.1%	100.0%
Projected	2021	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.3%	10.3%	9.5%	8.5%	6.9%	7.1%	100.0%
	2022	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	6.9%	7.1%	100.0%
	2023	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	6.9%	7.2%	100.0%
	2024	7.7%	6.9%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	6.9%	7.2%	100.0%
	2025	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	6.9%	7.2%	100.0%
	2026	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	6.9%	7.2%	100.0%
	2027	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
	2028	7.7%	6.9%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	6.9%	7.2%	100.0%
	2029	7.7%	6.7%	7.4%	7.5%	8.7%	9.5%	10.2%	10.3%	9.5%	8.4%	6.9%	7.1%	100.0%
	2030	7.7%	6.7%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	7.0%	7.2%	100.0%
Avg.	2011-2020	7.4%	6.7%	7.3%	7.7%	8.8%	9.5%	10.3%	10.3%	9.3%	8.5%	7.0%	7.2%	100.0%
	2021-2030	7.7%	6.8%	7.4%	7.5%	8.6%	9.4%	10.2%	10.3%	9.5%	8.5%	6.9%	7.2%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
 Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Low Economic Case
FP&L Cities - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	517.1	423.2	411.9	473.5	498.9	542.9	550.9	568.1	523.7	455.1	404.6	375.4	574.7	568.1
	2012	487.9	487.6	399.4	449.5	500.1	545.1	552.6	534.3	512.8	485.9	390.0	430.0	487.9	552.6
	2013	411.5	490.6	480.3	444.2	478.7	540.0	525.0	541.5	525.7	492.0	435.7	413.3	490.6	541.5
	2014	446.5	394.1	349.8	383.9	418.3	445.4	470.8	475.7	458.0	405.6	409.8	354.2	446.5	475.7
	2015	384.0	476.8	356.4	417.3	437.7	471.5	478.3	469.9	455.3	408.9	401.6	358.8	476.8	478.3
	2016	437.5	426.1	379.0	400.0	431.8	481.4	501.8	484.4	453.7	423.9	344.6	363.7	437.5	501.8
	2017	411.0	333.6	388.3	411.6	456.4	458.5	480.1	485.1	461.3	426.9	355.2	391.3	411.0	485.1
	2018	474.7	357.3	372.6	366.9	396.1	469.7	475.7	470.6	471.8	429.8	403.8	403.0	474.7	475.7
	2019	402.2	362.5	381.8	390.3	458.8	486.4	484.7	492.9	469.2	431.3	376.0	353.3	403.8	492.9
	2020	414.8	389.6	385.3	409.6	421.6	490.7	489.8	487.6	484.9	428.0	364.2	371.1	414.8	490.7
Projected	2021	446.4	407.9	372.2	398.7	440.4	480.4	484.5	485.9	466.0	422.4	363.4	373.6	446.4	485.9
	2022	449.4	410.7	373.5	398.5	440.2	480.2	484.2	485.6	465.7	422.2	362.8	373.3	449.4	485.6
	2023	449.1	410.5	373.4	398.0	439.7	479.6	483.6	485.0	465.1	421.8	362.0	372.7	449.1	485.0
	2024	448.1	409.8	373.0	398.1	439.7	479.5	483.6	484.9	465.0	421.7	362.5	374.2	448.1	484.9
	2025	449.6	411.3	373.4	398.0	439.6	479.2	483.3	484.7	464.7	421.6	362.4	374.2	449.6	484.7
	2026	449.4	411.2	373.2	397.7	439.3	478.8	482.9	484.2	464.2	421.3	362.4	374.3	449.4	484.2
	2027	449.5	411.4	373.5	397.9	439.5	478.9	483.0	484.3	464.3	421.5	362.4	373.8	449.5	484.3
	2028	448.8	410.7	373.8	398.5	440.2	479.4	483.6	484.9	464.8	422.1	363.5	375.7	448.8	484.9
	2029	450.9	412.8	375.0	399.2	440.9	480.1	484.2	485.5	465.5	418.6	360.4	372.1	450.9	485.5
	2030	445.8	408.7	371.6	396.0	437.3	476.1	480.2	481.5	461.6	419.4	361.6	373.4	445.8	481.5
Projected	2031	446.9	409.7	372.5	397.0	438.4	477.2	481.3	482.6	462.6	420.5	362.1	373.1	446.9	482.6
	2032	447.1	409.8	373.5	398.3	439.9	478.7	482.8	484.1	464.0	421.9	363.7	375.6	447.1	484.1
	2033	449.7	412.3	375.3	399.7	441.5	480.2	484.4	485.6	465.5	423.4	365.1	377.0	449.7	485.6
	2034	451.4	413.9	376.8	401.2	443.1	481.8	486.1	487.3	467.1	425.0	366.6	378.4	451.4	487.3
	2035	453.0	415.4	378.4	402.8	444.8	483.6	487.9	489.1	468.8	414.0	357.5	366.7	453.0	489.1
	2036	439.0	402.9	368.5	392.5	432.8	470.7	474.7	475.6	456.2	415.6	359.3	369.2	439.0	475.6
	2037	441.6	405.4	370.2	393.6	434.0	471.9	475.9	476.8	457.4	398.8	344.5	351.4	441.6	476.8
	2038	419.2	385.0	353.8	378.2	416.0	452.1	455.8	456.2	438.2	399.9	345.7	352.5	419.2	456.2
	2039	420.4	386.2	355.0	379.4	417.3	453.4	457.1	457.5	439.4	401.2	346.7	352.7	420.4	457.5
	2040	420.8	386.5	356.1	380.8	418.8	454.8	458.6	459.0	440.9	402.6	348.2	355.4	420.8	459.0

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.3%	63.5%	64.0%	66.2%	67.1%	68.4%	69.9%	69.2%	68.9%	64.0%	65.9%	68.8%	55.0%	56.4%
	2012	54.5%	55.2%	69.6%	64.0%	65.8%	64.4%	69.3%	69.1%	68.4%	64.6%	64.7%	61.8%	63.7%	56.0%
	2013	64.1%	55.3%	54.4%	66.3%	64.8%	67.3%	68.1%	70.4%	67.0%	65.1%	63.9%	65.8%	63.3%	56.8%
	2014	56.4%	60.2%	64.6%	63.3%	65.4%	66.9%	67.2%	68.6%	63.6%	63.5%	53.8%	63.5%	59.1%	58.5%
	2015	60.8%	49.8%	67.1%	63.7%	65.7%	67.5%	68.5%	68.7%	66.8%	65.1%	64.2%	67.8%	57.8%	56.5%
	2016	54.3%	54.1%	62.6%	61.8%	65.3%	67.7%	70.1%	69.5%	68.6%	62.4%	65.6%	64.9%	62.8%	55.4%
	2017	55.7%	67.4%	59.3%	62.4%	63.8%	67.1%	69.2%	69.0%	58.4%	64.8%	63.9%	58.6%	65.2%	55.1%
	2018	53.4%	65.6%	58.8%	65.6%	66.4%	65.6%	67.7%	69.1%	68.9%	66.6%	60.0%	56.3%	57.0%	56.5%
	2019	57.0%	63.6%	59.7%	64.7%	65.1%	66.6%	67.7%	66.1%	66.4%	67.3%	60.7%	62.8%	67.5%	55.6%
	2020	54.9%	59.4%	63.1%	60.3%	62.5%	63.6%	67.6%	68.6%	65.2%	62.5%	61.8%	60.7%	65.0%	55.3%
Projected	2021	54.5%	57.7%	63.0%	61.4%	62.2%	64.4%	67.1%	67.3%	66.7%	63.9%	62.5%	60.7%	60.3%	55.3%
	2022	54.4%	57.6%	63.0%	61.5%	62.2%	64.4%	67.1%	67.3%	66.8%	63.9%	62.6%	60.7%	59.9%	55.5%
	2023	54.4%	57.5%	63.0%	61.5%	62.2%	64.4%	67.1%	67.3%	66.8%	64.0%	62.9%	60.9%	60.0%	55.5%
	2024	54.5%	57.1%	63.1%	61.6%	62.2%	64.4%	67.1%	67.2%	66.8%	64.0%	62.8%	60.8%	60.2%	55.6%
	2025	54.4%	57.0%	63.1%	61.6%	62.3%	64.5%	67.1%	67.2%	66.8%	64.0%	62.8%	60.8%	59.9%	55.6%
	2026	54.4%	57.4%	63.0%	61.7%	62.3%	64.5%	67.1%	67.2%	66.8%	64.0%	62.8%	60.8%	59.9%	55.6%
	2027	54.4%	57.4%	63.0%	61.6%	62.3%	64.5%	67.1%	67.2%	66.9%	64.0%	62.8%	60.9%	59.9%	55.6%
	2028	54.5%	57.0%	63.0%	61.6%	62.3%	64.5%	67.1%	67.2%	66.9%	64.0%	62.7%	60.7%	60.2%	55.7%
	2029	54.3%	57.4%	62.9%	61.6%	62.3%	64.5%	67.1%	67.3%	66.9%	63.9%	62.6%	60.6%	59.7%	55.6%
	2030	54.4%	57.3%	62.8%	61.5%	62.2%	64.5%	67.0%	67.2%	66.8%	64.0%	62.6%	60.6%	60.0%	55.5%
Avg.	2011-2020	56.5%	59.4%	62.3%	63.8%	65.2%	66.5%	68.5%	68.8%	66.2%	64.6%	62.5%	63.1%	61.6%	56.2%
	2021-2030	54.4%	57.4%	63.0%	61.6%	62.2%	64.5%	67.1%	67.3%	66.8%	64.0%	62.7%	60.7%	60.0%	55.6%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Low Economic Case
FP&L Cities - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	500.8	365.5	374.8	458.0	465.0	519.7	523.8	534.8	472.2	443.3	385.4	340.4	544.4	534.8
	2012	469.7	440.5	381.5	430.4	470.5	487.5	527.2	502.8	475.1	467.8	343.0	349.1	469.7	527.2
	2013	321.0	423.2	425.0	423.2	466.1	515.3	478.7	524.0	503.5	465.1	408.2	370.8	425.0	524.0
	2014	384.4	331.5	304.0	378.9	404.1	424.2	452.6	452.1	412.6	392.8	322.8	308.9	384.4	452.1
	2015	319.7	456.4	333.9	368.4	434.7	444.3	450.7	438.2	446.2	397.9	390.9	340.3	456.4	444.3
	2016	383.2	384.8	358.7	388.2	394.5	457.4	484.9	474.4	425.5	365.9	333.5	328.8	390.9	484.9
	2017	306.6	323.4	344.6	406.6	447.4	440.6	461.4	467.3	446.0	418.5	323.3	338.7	344.6	467.3
	2018	446.1	325.5	329.8	336.6	378.2	452.3	441.9	464.7	454.6	422.7	364.8	331.2	446.1	464.7
	2019	334.6	333.8	336.9	376.5	427.8	470.0	468.5	438.7	459.7	404.2	374.7	304.6	364.8	470.0
	2020	372.6	340.9	355.3	382.9	406.7	475.6	466.8	468.6	464.9	410.3	335.1	327.9	355.3	475.6
Projected	2021	393.1	369.4	339.3	380.3	422.7	457.9	461.5	464.0	442.8	405.1	334.5	330.0	393.1	464.0
	2022	395.6	371.8	340.4	380.1	422.5	457.7	461.3	463.7	442.5	404.9	333.9	329.7	395.6	463.7
	2023	395.3	371.4	340.2	379.7	422.0	457.1	460.7	463.1	441.9	404.4	333.1	329.1	395.3	463.1
	2024	394.2	370.6	339.8	379.7	421.9	457.0	460.6	462.9	441.8	404.4	333.6	330.1	394.2	462.9
	2025	395.1	371.7	340.2	379.6	421.8	456.7	460.3	462.7	441.5	404.3	333.5	330.0	395.1	462.7
	2026	394.8	371.5	340.0	379.3	421.4	456.3	459.8	462.2	441.0	404.0	333.5	330.1	394.8	462.2
	2027	394.8	371.6	340.2	379.5	421.7	456.3	459.9	462.3	441.1	404.2	333.5	329.6	394.8	462.3
	2028	394.2	371.1	340.5	380.0	422.3	456.9	460.5	462.8	441.6	404.8	334.5	331.2	394.2	462.8
	2029	395.9	372.8	341.6	380.7	423.0	457.5	461.1	463.4	442.2	401.4	331.5	327.9	395.9	463.4
	2030	391.4	368.9	338.4	377.5	419.4	453.5	457.2	459.5	438.4	402.2	332.6	328.9	391.4	459.5
Projected	2031	392.3	369.8	339.3	378.4	420.5	454.5	458.2	460.5	439.3	403.2	333.0	328.7	392.3	460.5
	2032	392.5	369.9	340.2	379.7	421.9	455.9	459.6	461.9	440.7	404.6	334.6	330.9	392.5	461.9
	2033	394.7	372.1	341.8	381.0	423.3	457.4	461.1	463.4	442.1	406.0	335.9	332.1	394.7	463.4
	2034	396.1	373.5	343.2	382.4	424.9	459.0	462.7	465.0	443.6	407.5	337.2	333.3	396.1	465.0
	2035	397.5	374.9	344.6	383.9	426.5	460.6	464.4	466.7	445.3	396.9	328.6	322.8	397.5	466.7
	2036	384.0	363.0	335.4	373.8	414.7	448.1	451.7	453.9	433.3	398.5	330.2	324.9	384.0	453.9
	2037	386.1	365.1	336.9	374.9	415.9	449.2	452.8	455.0	434.4	382.6	316.9	309.2	386.1	455.0
	2038	363.4	346.6	322.5	359.8	398.2	429.7	433.6	435.4	416.0	383.6	317.9	310.1	363.4	435.4
	2039	364.4	347.6	323.6	361.0	399.5	430.9	434.9	436.7	417.1	384.9	318.9	310.4	364.4	436.7
	2040	364.8	347.9	324.6	362.2	400.9	432.3	436.3	438.1	418.5	386.2	320.3	312.6	364.8	438.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	96.9%	86.4%	91.0%	96.7%	93.2%	95.7%	95.1%	94.1%	90.2%	97.4%	95.2%	90.7%	94.7%	94.1%
	2012	96.3%	90.3%	95.5%	95.7%	94.1%	89.4%	95.4%	94.1%	92.7%	96.3%	88.0%	81.2%	96.3%	95.4%
	2013	78.0%	86.3%	88.5%	95.3%	97.4%	95.4%	91.2%	96.8%	95.8%	94.5%	93.7%	89.7%	86.6%	96.8%
	2014	86.1%	84.1%	86.9%	98.7%	96.6%	95.2%	96.1%	95.0%	90.1%	96.8%	78.8%	87.2%	86.1%	95.0%
	2015	83.3%	95.7%	93.7%	88.3%	99.3%	94.2%	93.3%	98.0%	97.3%	97.3%	94.8%	95.7%	92.9%	92.9%
	2016	87.6%	90.3%	94.6%	97.0%	91.4%	95.0%	96.6%	97.9%	93.8%	86.3%	96.8%	90.4%	89.3%	96.6%
	2017	74.6%	96.9%	88.7%	98.8%	98.0%	96.1%	96.1%	96.3%	96.7%	98.0%	91.0%	86.6%	83.8%	96.3%
	2018	94.0%	91.1%	88.5%	91.7%	95.5%	96.3%	92.9%	98.7%	96.4%	98.4%	90.3%	82.2%	94.0%	97.7%
	2019	83.2%	92.1%	88.2%	96.5%	93.2%	96.6%	96.7%	89.0%	98.0%	93.7%	99.6%	86.2%	90.3%	95.3%
	2020	89.8%	87.5%	92.2%	93.5%	96.5%	96.9%	95.3%	96.1%	95.9%	95.9%	92.0%	88.4%	85.7%	96.9%
Projected	2021	88.1%	90.5%	91.2%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.3%	88.1%	95.5%
	2022	88.0%	90.5%	91.1%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.3%	88.0%	95.5%
	2023	88.0%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.0%	95.5%
	2024	88.0%	90.4%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.2%	88.0%	95.5%
	2025	87.9%	90.4%	91.1%	95.4%	95.9%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.2%	87.9%	95.5%
	2026	87.9%	90.4%	91.1%	95.4%	95.9%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.2%	87.9%	95.5%
	2027	87.8%	90.3%	91.1%	95.4%	95.9%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.2%	87.8%	95.5%
	2028	87.8%	90.3%	91.1%	95.4%	95.9%	95.3%	95.2%	95.4%	95.0%	95.9%	92.0%	88.2%	87.8%	95.4%
	2029	87.8%	90.3%	91.1%	95.4%	95.9%	95.3%	95.2%	95.4%	95.0%	95.9%	92.0%	88.1%	87.8%	95.4%
	2030	87.8%	90.3%	91.1%	95.3%	95.9%	95.3%	95.2%	95.4%	95.0%	95.9%	92.0%	88.1%	87.8%	95.4%
	2011-2020	87.0%	90.1%	90.8%	95.2%	95.5%	95.1%	95.0%	95.1%	94.7%	95.5%	92.3%	87.7%	90.3%	95.7%
	2021-2030	87.9%	90.4%	91.1%	95.4%	95.9%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.2%	87.9%	95.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Low Economic Case
Duke Energy Florida Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,930,773	-	1,862,167	-	-3.6%	416.1	-	400.8	-	-3.7%	407.5	-	381.7	-	-6.3%
	2012	1,820,328	-5.7%	1,841,720	-1.1%	1.2%	381.2	-8.4%	367.8	-8.2%	-3.5%	373.5	-8.3%	421.5	10.4%	12.9%
	2013	1,827,744	0.4%	1,842,068	0.0%	0.8%	342.2	-10.2%	345.3	-6.1%	0.9%	391.2	4.7%	401.1	-4.8%	2.5%
	2014	1,853,952	1.4%	1,858,357	0.9%	0.2%	371.1	8.5%	390.7	13.2%	5.3%	406.2	3.8%	407.7	1.6%	0.4%
	2015	1,900,777	2.5%	1,866,466	0.4%	-1.8%	407.3	9.7%	393.1	0.6%	-3.5%	419.3	3.2%	425.7	4.4%	1.5%
	2016	1,957,034	3.0%	1,909,678	2.3%	-2.4%	342.9	-15.8%	387.1	-1.5%	12.9%	428.8	2.3%	420.1	-1.3%	-2.0%
	2017	1,903,845	-2.7%	1,923,613	0.7%	1.0%	308.1	-10.2%	352.9	-8.8%	14.6%	423.5	-1.2%	441.7	5.1%	4.3%
	2018	1,959,853	2.9%	1,914,159	-0.5%	-2.3%	440.7	43.0%	433.4	22.8%	-1.7%	424.2	0.2%	421.4	-4.6%	-0.7%
	2019	2,001,879	2.1%	1,935,442	1.1%	-3.3%	324.2	-26.4%	413.4	-4.6%	27.5%	449.9	6.1%	442.5	5.0%	-1.6%
	2020	2,022,399	1.0%	2,028,796	4.8%	0.3%	365.5	12.7%	409.9	-0.9%	12.2%	445.3	-1.0%	442.0	-0.1%	-0.7%
Projected	2021	2,023,724	0.1%	2,023,724	-0.2%		413.9	13.3%	413.9	1.0%		440.7	-1.0%	440.7	-0.3%	
	2022			2,017,321	-0.3%				412.1	-0.4%				439.8	-0.2%	
	2023			2,015,565	-0.1%				412.1	0.0%				438.7	-0.2%	
	2024			2,017,425	0.1%				413.0	0.2%				437.3	-0.3%	
	2025			2,006,426	-0.5%				410.0	-0.7%				436.6	-0.2%	
	2026			2,004,499	-0.1%				409.5	-0.1%				436.1	-0.1%	
	2027			2,004,237	0.0%				409.4	0.0%				436.2	0.0%	
	2028			2,009,042	0.2%				410.9	0.4%				436.0	-0.1%	
	2029			2,005,257	-0.2%				409.5	-0.3%				436.8	0.2%	
	2030			2,010,345	0.3%				410.4	0.2%				438.0	0.3%	
	2031			2,016,673	0.3%				411.7	0.3%				439.4	0.3%	
	2032			2,030,445	0.7%				415.1	0.8%				440.8	0.3%	
	2033			2,030,021	0.0%				414.3	-0.2%				442.3	0.3%	
	2034			2,037,349	0.4%				415.9	0.4%				443.9	0.4%	
	2035			2,044,755	0.4%				417.3	0.3%				445.6	0.4%	
	2036			2,060,304	0.8%				421.0	0.9%				447.3	0.4%	
	2037			2,060,177	0.0%				420.5	-0.1%				448.8	0.3%	
	2038			2,067,531	0.4%				421.9	0.3%				450.5	0.4%	
	2039			2,075,712	0.4%				423.5	0.4%				452.2	0.4%	
	2040			2,091,400	0.8%				427.3	0.9%				454.0	0.4%	
CAGR^[3]	2011-2020		0.5%		1.0%			-1.4%		0.3%			1.0%		1.6%	
	2021-2030				-0.1%					-0.1%					-0.1%	
	2031-2040				0.4%					0.4%					0.4%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Low Economic Case
Duke Energy Florida Cities - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,930,773	-	1,930,773	-	420.5	416.2	420.5	416.2	416.1	407.5	416.1	410.6
	2012	1,820,328	-5.7%	1,820,328	-5.7%	385.4	391.7	385.4	391.7	381.2	373.5	381.2	385.4
	2013	1,827,744	0.4%	1,827,744	0.4%	346.7	402.4	346.7	402.4	342.2	391.2	342.3	391.2
	2014	1,853,952	1.4%	1,853,952	1.4%	374.8	413.9	374.8	413.9	371.1	406.2	371.1	406.2
	2015	1,900,777	2.5%	1,902,497	2.6%	407.5	422.7	408.2	423.0	407.3	419.3	407.6	419.6
	2016	1,957,034	3.0%	1,957,621	2.9%	379.2	435.4	379.2	435.4	342.9	428.8	375.9	428.8
	2017	1,903,845	-2.7%	1,903,845	-2.7%	344.8	429.5	344.8	429.5	308.1	423.5	340.7	423.5
	2018	1,959,853	2.9%	1,959,853	2.9%	446.6	426.6	446.6	426.6	440.7	424.2	440.7	424.2
	2019	2,001,879	2.1%	2,001,879	2.1%	366.3	450.2	366.3	450.2	324.2	449.9	349.1	449.9
	2020	2,022,399	1.0%	1,993,463	-0.4%	380.9	453.3	417.8	437.4	365.5	445.3	413.4	430.7
Projected	2021	2,023,724	0.1%	1,969,703	-1.2%	418.2	447.3	412.1	434.3	413.9	440.7	407.7	427.6
	2022	2,017,321	-0.3%	1,964,005	-0.3%	416.3	446.4	410.8	433.2	412.1	439.8	406.5	426.5
	2023	2,015,565	-0.1%	1,958,853	-0.3%	416.3	445.3	409.8	432.0	412.1	438.7	405.4	425.4
	2024	2,017,425	0.1%	1,963,121	0.2%	417.2	443.9	411.1	431.6	413.0	437.3	406.7	424.9
	2025	2,006,426	-0.5%	1,955,220	-0.4%	414.2	443.1	408.8	431.5	410.0	436.6	404.5	424.8
	2026	2,004,499	-0.1%	1,955,325	0.0%	413.7	442.7	408.8	431.5	409.5	436.1	404.5	424.9
	2027	2,004,237	0.0%	1,955,674	0.0%	413.5	442.8	408.9	431.6	409.4	436.2	404.5	424.9
	2028	2,009,042	0.2%	1,957,692	0.1%	414.8	442.5	409.7	430.7	410.9	436.0	405.5	424.0
	2029	2,005,257	-0.2%	1,950,997	-0.3%	413.4	443.4	407.7	430.7	409.5	436.8	403.6	424.0
	2030	2,010,345	0.3%	1,951,943	0.0%	414.3	444.6	407.8	431.0	410.4	438.0	403.7	424.4
	2031	2,016,673	0.3%	1,954,437	0.1%	415.6	446.0	408.3	431.6	411.7	439.4	404.2	424.9
	2032	2,030,445	0.7%	1,964,248	0.5%	419.0	447.4	410.9	432.2	415.1	440.8	406.8	425.5
	2033	2,030,021	0.0%	1,959,964	-0.2%	418.3	449.0	409.5	432.8	414.3	442.3	405.4	426.1
	2034	2,037,349	0.4%	1,962,509	0.1%	419.8	450.6	410.1	433.3	415.9	443.9	406.0	426.6
	2035	2,044,755	0.4%	1,964,686	0.1%	421.2	452.3	410.5	433.8	417.3	445.6	406.3	427.1
	2036	2,060,304	0.8%	1,974,511	0.5%	425.0	454.0	413.1	434.4	421.0	447.3	409.0	427.6
	2037	2,060,177	0.0%	1,969,352	-0.3%	424.4	455.5	411.5	434.8	420.5	448.8	407.4	428.0
	2038	2,067,531	0.4%	1,971,298	0.1%	425.9	457.3	411.9	435.3	421.9	450.5	407.7	428.5
	2039	2,075,712	0.4%	1,973,958	0.1%	427.5	459.1	412.4	435.8	423.5	452.2	408.3	429.0
	2040	2,091,400	0.8%			431.3	460.8			427.3	454.0		
CAGR ^[1]	Historical		0.5%		0.5%	-1.1%	1.0%	-1.7%	1.0%	-0.5%	2.2%	-1.2%	2.2%
	1st 10 Prj Yrs		-0.1%		-0.2%	-0.1%	-0.1%	-0.3%	-0.2%	-0.1%	-0.1%	-0.3%	-0.2%
	2nd 10 Prj Yrs		0.4%		0.1%	0.4%	0.4%	0.1%	0.1%	0.4%	0.4%	0.1%	0.1%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Low Economic Case
Duke Energy Florida Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,930,773	-	1,862,167	-	-3.6%	416.1	-	400.8	-	-3.7%	407.5	-	381.7	-	-6.3%
	2012	1,820,328	-5.7%	1,841,720	-1.1%	1.2%	381.2	-8.4%	367.8	-8.2%	-3.5%	373.5	-8.3%	421.5	10.4%	12.9%
	2013	1,827,744	0.4%	1,842,068	0.0%	0.8%	342.2	-10.2%	345.3	-6.1%	0.9%	391.2	4.7%	401.1	-4.8%	2.5%
	2014	1,853,952	1.4%	1,858,357	0.9%	0.2%	371.1	8.5%	390.7	13.2%	5.3%	406.2	3.8%	407.7	1.6%	0.4%
	2015	1,902,497	2.6%	1,866,466	0.4%	-1.9%	407.6	9.8%	393.1	0.6%	-3.5%	419.6	3.3%	425.7	4.4%	1.4%
	2016	1,959,340	3.0%	1,909,678	2.3%	-2.5%	343.2	-15.8%	387.1	-1.5%	12.8%	429.1	2.3%	420.1	-1.3%	-2.1%
	2017	1,904,433	-2.8%	1,923,613	0.7%	1.0%	308.1	-10.2%	352.9	-8.8%	14.6%	423.5	-1.3%	441.7	5.1%	4.3%
	2018	1,959,853	2.9%	1,914,159	-0.5%	-2.3%	440.7	43.0%	433.4	22.8%	-1.7%	424.2	0.2%	421.4	-4.6%	-0.7%
	2019	2,001,879	2.1%	1,935,442	1.1%	-3.3%	324.2	-26.4%	413.4	-4.6%	27.5%	449.9	6.1%	442.5	5.0%	-1.6%
	2020	2,022,399	1.0%	2,006,848	3.7%	-0.8%	365.5	12.7%	409.9	-0.9%	12.2%	445.3	-1.0%	442.0	-0.1%	-0.7%
Projected	2021	2,019,809	-0.1%	2,019,809	0.6%		413.9	13.3%	413.9	1.0%		439.7	-1.3%	439.7	-0.5%	
	2022			2,011,973	-0.4%				412.1	-0.4%				438.5	-0.3%	
	2023			2,008,777	-0.2%				412.1	0.0%				437.1	-0.3%	
	2024			2,009,017	0.0%				413.0	0.2%				435.3	-0.4%	
	2025			1,996,268	-0.6%				410.0	-0.7%				434.1	-0.3%	
	2026			1,991,940	-0.2%				409.5	-0.1%				433.2	-0.2%	
	2027			1,989,072	-0.1%				409.4	0.0%				432.6	-0.1%	
	2028			1,991,092	0.1%				410.9	0.4%				431.7	-0.2%	
	2029			1,984,432	-0.3%				409.5	-0.3%				431.8	0.0%	
	2030			1,986,496	0.1%				410.4	0.2%				432.4	0.1%	
	2031			1,990,815	0.2%				411.7	0.3%				433.2	0.2%	
	2032			2,002,479	0.6%				415.1	0.8%				434.2	0.2%	
	2033			1,999,992	-0.1%				414.3	-0.2%				435.2	0.2%	
	2034			2,005,245	0.3%				415.9	0.4%				436.2	0.2%	
	2035			2,010,468	0.3%				417.3	0.3%				437.4	0.3%	
	2036			2,023,627	0.7%				421.0	0.9%				438.6	0.3%	
	2037			2,021,094	-0.1%				420.5	-0.1%				439.5	0.2%	
	2038			2,025,970	0.2%				421.9	0.3%				440.6	0.2%	
	2039			2,031,518	0.3%				423.5	0.4%				441.7	0.3%	
	2040			2,044,446	0.6%				427.3	0.9%				442.8	0.3%	
CAGR^[3]	2011-2020		0.5%		0.8%			-1.4%		0.3%			1.0%		1.6%	
	2021-2030				-0.2%					-0.1%					-0.2%	
	2031-2040				0.3%					0.4%					0.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Low Economic Case
Duke Energy Florida Cities - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	152,375	126,194	131,429	147,730	169,503	183,822	188,565	201,342	175,698	137,798	125,307	132,269	1,872,030	1,930,773
	2012	142,196	125,894	139,027	142,877	169,382	164,976	186,229	183,698	170,677	152,038	126,540	137,410	1,840,943	1,820,328
	2013	135,758	126,422	136,897	141,458	156,355	174,618	175,873	189,899	174,475	153,896	127,773	135,566	1,828,991	1,827,744
	2014	161,655	125,071	129,480	138,377	163,443	171,918	185,775	193,339	167,658	149,219	131,467	140,713	1,858,115	1,853,952
	2015	146,342	135,477	142,180	151,137	172,147	185,413	185,670	190,005	172,729	152,030	142,943	140,517	1,916,589	1,902,497
	2016	149,700	135,337	138,366	142,125	169,913	194,799	209,266	201,242	183,103	155,850	130,461	137,293	1,947,454	1,959,340
	2017	140,507	120,973	139,593	150,249	177,053	177,153	195,682	204,773	174,846	165,369	130,142	142,869	1,919,208	1,904,433
	2018	173,303	128,560	135,746	138,814	165,178	187,216	190,961	204,433	197,264	173,536	140,929	143,251	1,979,190	1,959,853
	2019	153,631	126,816	137,941	147,472	189,981	194,216	199,139	203,190	191,778	179,040	136,669	140,608	2,000,480	2,001,879
	2020	148,602	137,502	158,270	150,056	171,213	194,624	206,781	208,763	190,271	165,377	139,695	153,269	2,024,423	2,022,399
Projected	2021	161,092	139,040	147,131	148,521	177,761	191,861	202,692	207,493	185,878	163,825	139,166	152,219	2,016,679	2,019,809
	2022	160,201	138,739	147,063	147,525	177,523	190,910	202,190	207,180	185,431	163,776	139,240	152,330	2,012,108	2,011,973
	2023	159,986	138,691	146,869	147,370	177,320	190,333	201,550	206,520	184,794	163,268	138,931	151,895	2,007,526	2,008,777
	2024	159,415	145,545	146,347	146,972	176,742	189,527	200,712	205,643	184,020	162,764	138,550	151,494	2,007,731	2,009,017
	2025	158,902	137,841	145,941	146,628	176,347	188,988	200,153	205,100	183,560	162,369	138,243	151,241	1,995,314	1,996,268
	2026	158,575	137,586	145,598	146,327	175,999	188,543	199,677	204,635	183,147	162,043	137,968	151,061	1,991,159	1,991,940
	2027	158,370	137,432	145,348	146,118	175,786	188,261	199,397	204,371	182,917	161,509	137,482	150,682	1,987,673	1,989,072
	2028	157,967	144,391	144,894	145,705	175,361	187,798	198,917	203,914	182,470	161,488	137,453	150,792	1,991,152	1,991,092
	2029	158,086	137,219	144,892	145,742	175,447	187,841	198,966	203,981	182,524	161,564	137,501	150,986	1,984,750	1,984,432
	2030	158,291	137,413	144,992	145,881	175,658	188,034	199,187	204,237	182,753	161,901	137,782	151,396	1,987,524	1,986,496
Projected	2031	158,714	137,768	145,279	146,185	176,046	188,412	199,581	204,646	183,105	162,227	138,040	151,772	1,991,775	1,990,815
	2032	159,110	145,449	145,564	146,494	176,444	188,806	200,000	205,085	183,488	162,589	138,336	152,195	2,003,558	2,002,479
	2033	159,551	138,493	145,880	146,837	176,884	189,248	200,471	205,583	183,926	163,009	138,680	152,668	2,001,230	1,999,992
	2034	160,044	138,921	146,243	147,219	177,360	189,715	200,956	206,080	184,351	163,393	138,987	153,099	2,006,367	2,005,245
	2035	160,495	139,321	146,586	147,591	177,840	190,201	201,479	206,634	184,843	163,848	139,362	153,620	2,011,820	2,010,468
	2036	161,037	147,206	146,979	148,005	178,358	190,710	202,010	207,181	185,312	164,272	139,695	154,090	2,024,854	2,023,627
	2037	161,523	140,199	147,304	148,349	178,791	191,126	202,440	207,623	185,684	164,620	139,968	154,494	2,022,119	2,021,094
	2038	161,951	140,584	147,615	148,691	179,239	191,579	202,932	208,148	186,149	165,050	140,313	155,003	2,027,253	2,025,970
	2039	162,490	141,040	147,979	149,076	179,732	192,072	203,456	208,692	186,616	165,479	140,648	155,497	2,032,777	2,031,518
	2040	163,012	148,995	148,337	149,454	180,217	192,554	203,965	209,220	187,067	165,899	140,974	155,979	2,045,673	2,044,446

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.1%	6.7%	7.0%	7.9%	9.1%	9.8%	10.1%	10.8%	9.4%	7.4%	6.7%	7.1%	100.0%
	2012	7.7%	6.8%	7.6%	7.8%	9.2%	9.0%	10.1%	10.0%	9.3%	8.3%	6.9%	7.5%	100.0%
	2013	7.4%	6.9%	7.5%	7.7%	8.5%	9.5%	9.6%	10.4%	9.5%	8.4%	7.0%	7.4%	100.0%
	2014	8.7%	6.7%	7.0%	7.4%	8.8%	9.3%	10.0%	10.4%	9.0%	8.0%	7.1%	7.6%	100.0%
	2015	7.6%	7.1%	7.4%	7.9%	9.0%	9.7%	9.7%	9.9%	9.0%	7.9%	7.5%	7.3%	100.0%
	2016	7.7%	6.9%	7.1%	7.3%	8.7%	10.0%	10.7%	10.3%	9.4%	8.0%	6.7%	7.0%	100.0%
	2017	7.3%	6.3%	7.3%	7.8%	9.2%	9.2%	10.2%	10.7%	9.1%	8.6%	6.8%	7.4%	100.0%
	2018	8.8%	6.5%	6.9%	7.0%	8.3%	9.5%	9.6%	10.3%	10.0%	8.8%	7.1%	7.2%	100.0%
	2019	7.7%	6.3%	6.9%	7.4%	9.5%	9.7%	10.0%	10.2%	9.6%	8.9%	6.8%	7.0%	100.0%
	2020	7.3%	6.8%	7.8%	7.4%	8.5%	9.6%	10.2%	10.3%	9.4%	8.2%	6.9%	7.6%	100.0%
Projected	2021	8.0%	6.9%	7.3%	7.4%	8.8%	9.5%	10.1%	10.3%	9.2%	8.1%	6.9%	7.5%	100.0%
	2022	8.0%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2023	8.0%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2024	7.9%	7.2%	7.3%	7.3%	8.8%	9.4%	10.0%	10.2%	9.2%	8.1%	6.9%	7.5%	100.0%
	2025	8.0%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2026	8.0%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2027	8.0%	6.9%	7.3%	7.4%	8.8%	9.5%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2028	7.9%	7.3%	7.3%	7.3%	8.8%	9.4%	10.0%	10.2%	9.2%	8.1%	6.9%	7.6%	100.0%
	2029	8.0%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
	2030	8.0%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%
Avg.	2011-2020	7.8%	6.7%	7.2%	7.6%	8.9%	9.5%	10.0%	10.3%	9.4%	8.3%	6.9%	7.3%	100.0%
	2021-2030	8.0%	7.0%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.1%	6.9%	7.6%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
 Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Low Economic Case
Duke Energy Florida Cities - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	403.3	334.3	261.1	356.0	380.1	415.7	403.6	416.2	376.6	307.4	267.9	266.6	420.5	416.2
	2012	385.4	369.1	287.6	329.8	367.7	383.7	391.7	391.4	380.7	346.5	277.1	289.2	385.4	391.7
	2013	288.9	344.0	346.7	315.0	346.3	389.5	387.3	402.4	388.4	339.6	283.2	281.1	346.7	402.4
	2014	374.8	325.7	261.6	341.9	364.5	383.8	395.6	413.9	394.8	346.7	335.6	306.2	374.8	413.9
	2015	343.1	408.2	296.5	328.9	381.3	423.0	396.0	415.0	389.6	343.8	346.5	281.3	408.2	423.0
	2016	379.5	370.8	302.9	347.8	380.5	422.9	435.7	426.9	390.5	344.9	288.0	279.3	379.5	435.7
	2017	344.8	284.1	312.7	380.6	397.9	409.6	419.1	429.5	401.3	390.5	285.0	347.1	344.8	429.5
	2018	446.6	308.7	285.5	300.4	368.6	413.9	412.1	426.6	424.1	400.4	331.8	343.4	446.6	426.6
	2019	366.3	306.2	311.2	346.2	437.2	450.2	436.0	428.3	431.6	391.4	331.5	302.7	366.3	450.2
	2020	380.9	314.7	366.8	354.2	412.7	453.3	444.4	446.8	442.1	386.0	338.3	316.8	380.9	453.3
Projected	2021	418.2	380.5	332.9	354.6	405.6	436.1	428.7	446.3	420.9	379.7	336.7	315.3	418.2	446.3
	2022	416.3	378.8	331.4	353.7	404.7	434.8	427.5	445.1	419.8	378.8	336.7	315.3	416.3	445.1
	2023	416.3	378.9	331.5	352.7	403.5	433.5	426.1	443.7	418.4	377.7	337.5	316.0	416.3	443.7
	2024	417.2	379.7	332.2	351.4	402.0	431.6	424.3	441.9	416.7	376.3	335.0	313.7	417.2	441.9
	2025	414.2	376.9	329.8	350.6	401.1	430.5	423.2	440.7	415.5	375.4	334.6	313.3	414.2	440.7
	2026	413.7	376.5	329.5	350.0	400.5	429.5	422.2	439.7	414.6	374.7	334.4	313.2	413.7	439.7
	2027	413.5	376.3	329.4	349.7	400.2	428.9	421.6	439.2	414.0	373.7	335.7	314.3	413.5	439.2
	2028	414.8	377.7	330.6	349.1	399.6	428.0	420.7	438.2	413.1	373.8	334.5	313.2	414.8	438.2
	2029	413.4	376.4	329.5	349.4	400.0	428.1	420.8	438.4	413.2	374.1	335.2	313.9	413.4	438.4
	2030	414.3	377.2	330.2	350.1	400.8	428.6	421.3	438.9	413.7	375.0	336.3	314.9	414.3	438.9
Projected	2031	415.6	378.4	331.3	350.9	401.8	429.5	422.1	439.8	414.5	375.9	339.1	317.4	415.6	439.8
	2032	419.0	381.5	333.9	351.8	402.9	430.4	423.0	440.8	415.3	376.9	338.4	316.9	419.0	440.8
	2033	418.3	380.8	333.4	352.8	404.0	431.4	424.0	441.8	416.3	377.9	339.6	318.0	418.3	441.8
	2034	419.8	382.2	334.6	353.8	405.2	432.5	425.0	442.9	417.3	379.0	340.8	319.1	419.8	442.9
	2035	421.2	383.5	335.8	354.9	406.5	433.6	426.1	444.1	418.4	380.2	343.9	322.0	421.2	444.1
	2036	425.0	387.0	338.8	356.1	407.8	434.8	427.2	445.3	419.5	381.4	343.4	321.5	425.0	445.3
	2037	424.4	386.5	338.4	357.0	408.9	435.7	428.1	446.3	420.3	382.4	344.5	322.6	424.4	446.3
	2038	425.9	387.8	339.6	358.1	410.2	436.8	429.1	447.4	421.4	383.5	345.8	323.9	425.9	447.4
	2039	427.5	389.3	340.9	359.2	411.5	437.9	430.2	448.5	422.4	384.8	349.0	326.7	427.5	448.5
	2040	431.3	392.8	344.0	360.3	412.8	439.0	431.3	449.7	423.5	386.0	351.4	329.0	431.3	449.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.8%	56.2%	67.7%	57.6%	59.9%	61.4%	62.8%	65.0%	64.8%	60.3%	65.0%	66.7%	50.8%	53.0%
	2012	49.6%	49.0%	65.0%	60.2%	61.9%	59.7%	63.9%	63.1%	62.3%	59.0%	63.4%	63.9%	54.5%	53.0%
	2013	63.2%	54.7%	53.1%	62.4%	60.7%	62.3%	61.0%	63.4%	62.4%	60.9%	62.7%	64.8%	60.2%	51.9%
	2014	58.0%	57.1%	66.5%	56.2%	60.3%	62.2%	63.1%	62.8%	59.0%	57.9%	54.4%	61.8%	56.6%	51.1%
	2015	57.3%	49.4%	64.4%	63.8%	60.7%	60.9%	63.0%	61.5%	61.6%	59.4%	57.3%	67.1%	53.6%	51.3%
	2016	53.0%	52.4%	61.4%	56.8%	60.0%	64.0%	64.6%	63.4%	65.1%	60.7%	62.9%	66.1%	58.6%	51.3%
	2017	54.8%	63.4%	60.0%	54.8%	59.8%	60.1%	62.8%	64.1%	60.5%	56.9%	63.4%	55.3%	63.5%	50.6%
	2018	52.2%	62.0%	63.9%	64.2%	60.2%	62.8%	62.3%	64.4%	64.6%	58.3%	59.0%	56.1%	50.6%	52.4%
	2019	56.4%	61.6%	59.6%	59.2%	58.4%	59.9%	61.4%	63.8%	61.7%	61.5%	57.3%	62.4%	62.3%	50.8%
	2020	52.4%	62.8%	58.0%	58.8%	55.8%	59.6%	62.5%	62.8%	59.8%	57.6%	57.3%	65.0%	60.7%	50.9%
Projected	2021	51.8%	54.4%	59.4%	58.2%	58.9%	61.1%	63.5%	62.5%	61.3%	58.0%	57.4%	64.9%	55.1%	51.7%
	2022	51.7%	54.5%	59.6%	57.9%	59.0%	61.0%	63.6%	62.6%	61.4%	58.1%	57.4%	64.9%	55.2%	51.6%
	2023	51.7%	54.5%	59.5%	58.0%	59.1%	61.0%	63.6%	62.6%	61.3%	58.1%	57.2%	64.6%	55.0%	51.7%
	2024	51.4%	55.1%	59.2%	58.1%	59.1%	61.0%	63.6%	62.6%	61.3%	58.1%	57.4%	64.9%	54.9%	51.9%
	2025	51.6%	54.4%	59.5%	58.1%	59.1%	61.0%	63.6%	62.6%	61.4%	58.1%	57.4%	64.9%	55.0%	51.7%
	2026	51.5%	54.4%	59.4%	58.1%	59.1%	61.0%	63.6%	62.6%	61.4%	58.1%	57.3%	64.8%	54.9%	51.7%
	2027	51.5%	54.3%	59.3%	58.0%	59.0%	61.0%	63.6%	62.6%	61.4%	58.1%	56.9%	64.4%	54.9%	51.7%
	2028	51.2%	54.9%	58.9%	58.0%	59.0%	60.9%	63.6%	62.5%	61.4%	58.1%	57.1%	64.7%	54.8%	51.9%
	2029	51.4%	54.2%	59.1%	57.9%	59.0%	60.9%	63.6%	62.5%	61.4%	58.0%	57.0%	64.7%	54.8%	51.7%
	2030	51.4%	54.2%	59.0%	57.9%	58.9%	60.9%	63.6%	62.5%	61.4%	58.0%	56.9%	64.6%	54.8%	51.7%
Avg.	2011-2020	54.8%	56.9%	62.0%	59.4%	59.8%	61.3%	62.7%	63.4%	62.2%	59.2%	60.3%	62.9%	57.1%	51.6%
	2021-2030	51.5%	54.5%	59.3%	58.0%	59.0%	61.0%	63.6%	62.5%	61.4%	58.1%	57.2%	64.7%	54.9%	51.7%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Low Economic Case
Duke Energy Florida Cities - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	401.6	333.5	226.8	342.8	371.8	410.6	391.9	407.5	370.5	304.0	258.2	234.1	416.1	407.5
	2012	381.2	368.7	278.6	313.0	345.0	368.2	373.5	385.4	377.9	341.7	227.0	288.9	381.2	373.5
	2013	285.3	342.3	342.2	299.4	332.8	362.9	379.0	391.2	375.9	333.9	265.3	243.1	342.2	391.2
	2014	371.1	325.5	209.1	340.6	356.6	377.0	377.7	406.2	389.8	342.2	330.7	303.1	371.1	406.2
	2015	342.6	407.6	288.1	320.9	376.9	419.6	387.0	406.6	372.9	342.3	343.2	273.8	407.6	419.6
	2016	376.2	370.4	302.5	347.5	371.8	415.8	429.1	424.4	378.1	325.0	285.2	268.6	343.2	429.1
	2017	340.7	280.3	308.1	379.9	386.5	405.4	414.4	423.5	379.1	390.1	283.4	346.9	308.1	423.5
	2018	440.7	305.5	273.2	289.4	361.7	380.5	405.0	424.2	412.0	397.0	324.2	343.1	440.7	424.2
	2019	349.1	303.2	296.3	345.9	436.8	449.9	430.8	418.3	430.5	372.5	327.2	246.9	324.2	449.9
	2020	380.9	293.6	365.5	342.5	400.0	445.3	412.9	441.0	437.5	378.3	325.6	299.3	365.5	445.3
Projected	2021	413.9	376.3	317.2	346.7	395.6	426.3	416.8	439.7	412.0	372.1	324.0	297.9	413.9	439.7
	2022	412.1	374.6	315.8	345.8	394.6	425.1	415.6	438.5	410.8	371.2	324.1	297.9	412.1	438.5
	2023	412.1	374.7	315.9	344.9	393.5	423.8	414.2	437.1	409.5	370.1	324.9	298.6	412.1	437.1
	2024	413.0	375.5	316.6	343.5	392.0	422.0	412.5	435.3	407.8	368.7	322.4	296.4	413.0	435.3
	2025	410.0	372.8	314.4	342.8	391.1	420.8	411.3	434.1	406.7	367.8	322.1	296.1	410.0	434.1
	2026	409.5	372.3	314.0	342.1	390.5	419.9	410.4	433.2	405.7	367.1	321.9	295.9	409.5	433.2
	2027	409.4	372.2	313.9	341.9	390.2	419.3	409.8	432.6	405.1	366.1	323.2	296.9	409.4	432.6
	2028	410.9	373.6	315.0	341.3	389.6	418.4	408.9	431.7	404.2	366.2	322.0	295.9	410.9	431.7
	2029	409.5	372.3	314.0	341.6	390.0	418.5	409.0	431.8	404.3	366.6	322.7	296.5	409.5	431.8
	2030	410.4	373.1	314.7	342.2	390.8	419.0	409.4	432.4	404.8	367.4	323.7	297.5	410.4	432.4
Projected	2031	411.7	374.3	315.7	343.1	391.7	419.8	410.2	433.2	405.6	368.3	326.4	299.9	411.7	433.2
	2032	415.1	377.4	318.3	343.9	392.8	420.7	411.1	434.2	406.4	369.2	325.8	299.4	415.1	434.2
	2033	414.3	376.7	317.8	344.9	393.9	421.7	412.0	435.2	407.3	370.3	327.0	300.5	414.3	435.2
	2034	415.9	378.1	318.9	345.9	395.1	422.7	413.0	436.2	408.3	371.4	328.1	301.5	415.9	436.2
	2035	417.3	379.4	320.1	347.0	396.3	423.8	414.1	437.4	409.4	372.5	331.1	304.2	417.3	437.4
	2036	421.0	382.8	323.0	348.0	397.6	424.9	415.1	438.6	410.4	373.7	330.6	303.8	421.0	438.6
	2037	420.5	382.3	322.6	349.0	398.7	425.8	416.0	439.5	411.3	374.7	331.7	304.8	420.5	439.5
	2038	421.9	383.6	323.7	350.0	399.9	426.8	417.0	440.6	412.3	375.8	333.0	306.0	421.9	440.6
	2039	423.5	385.1	325.0	351.1	401.2	427.9	418.0	441.7	413.3	377.0	336.0	308.7	423.5	441.7
	2040	427.3	388.6	327.9	352.2	402.4	428.9	419.0	442.8	414.3	378.1	338.3	310.9	427.3	442.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.6%	99.8%	86.9%	96.3%	97.8%	98.8%	97.1%	97.9%	98.4%	98.9%	96.4%	87.8%	99.0%	97.9%
	2012	98.9%	99.9%	96.9%	94.9%	93.8%	96.0%	95.3%	98.5%	99.3%	98.6%	81.9%	99.9%	98.9%	95.3%
	2013	98.7%	99.5%	98.7%	95.1%	96.1%	93.2%	97.8%	97.2%	96.8%	98.3%	93.7%	86.5%	98.7%	97.2%
	2014	99.0%	99.9%	80.0%	99.6%	97.8%	98.2%	95.5%	98.1%	98.7%	98.7%	98.5%	99.0%	99.0%	98.1%
	2015	99.9%	99.8%	97.2%	97.6%	98.9%	99.2%	97.7%	98.0%	95.7%	99.6%	99.0%	97.3%	99.8%	99.2%
	2016	99.1%	99.9%	99.9%	99.9%	97.7%	98.3%	98.5%	99.4%	96.8%	94.2%	99.0%	96.2%	90.4%	98.5%
	2017	98.8%	98.7%	98.5%	99.8%	97.1%	99.0%	98.9%	98.6%	94.5%	99.9%	99.4%	100.0%	89.4%	98.6%
	2018	98.7%	98.9%	95.7%	96.3%	98.1%	91.9%	98.3%	99.4%	97.1%	99.1%	97.7%	99.9%	98.7%	99.4%
	2019	95.3%	99.0%	95.2%	99.9%	99.9%	99.9%	98.8%	97.7%	99.7%	95.2%	98.7%	81.6%	88.5%	99.9%
	2020	100.0%	93.3%	99.6%	96.7%	96.9%	98.2%	92.9%	98.7%	99.0%	98.0%	96.2%	94.5%	96.0%	98.2%
Projected	2021	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2022	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2023	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2024	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2025	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2026	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2027	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2028	99.1%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.1%	98.5%
	2029	99.1%	98.9%	95.3%	97.8%	97.5%	97.7%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.1%	98.5%
	2030	99.1%	98.9%	95.3%	97.8%	97.5%	97.7%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.1%	98.5%
	2011-2020	98.8%	98.9%	94.8%	97.6%	97.4%	97.3%	97.1%	98.3%	97.6%	98.1%	96.1%	94.3%	95.8%	98.2%
	2021-2030	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Appendix F
SEVERE/MILD WEATHER SCENARIOS

FMPA 2021 Load Forecast - Mild Weather Case

Total Agency - Supplied

Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	6,147,277	-	5,975,503	-	-2.8%	1,258.3	-	1,184.1	-	-5.9%	1,258.2	-	1,200.2	-	-4.6%
	2012	5,914,360	-3.8%	6,010,714	0.6%	1.6%	1,096.7	-12.8%	1,056.6	-10.8%	-3.7%	1,203.3	-4.4%	1,300.0	8.3%	8.0%
	2013	5,914,988	0.0%	5,990,932	-0.3%	1.3%	1,009.9	-7.9%	984.6	-6.8%	-2.5%	1,222.0	1.6%	1,259.6	-3.1%	3.1%
	2014	5,733,592	-3.1%	5,702,238	-4.8%	-0.5%	996.9	-1.3%	1,077.1	9.4%	8.0%	1,185.1	-3.0%	1,181.1	-6.2%	-0.3%
	2015	5,775,332	0.7%	5,668,496	-0.6%	-1.8%	1,128.2	13.2%	1,001.8	-7.0%	-11.2%	1,194.1	0.8%	1,213.1	2.7%	1.6%
	2016	5,979,483	3.5%	5,831,494	2.9%	-2.5%	1,009.6	-10.5%	1,040.1	3.8%	3.0%	1,267.4	6.1%	1,233.5	1.7%	-2.7%
	2017	5,825,558	-2.6%	5,835,713	0.1%	0.2%	919.4	-8.9%	931.8	-10.4%	1.3%	1,236.4	-2.4%	1,281.8	3.9%	3.7%
	2018	5,945,319	2.1%	5,859,079	0.4%	-1.5%	1,178.9	28.2%	1,126.6	20.9%	-4.4%	1,238.9	0.2%	1,267.0	-1.2%	2.3%
	2019	6,082,512	2.3%	5,880,664	0.4%	-3.3%	979.8	-16.9%	1,135.9	0.8%	15.9%	1,292.4	4.3%	1,273.0	0.5%	-1.5%
	2020	6,082,634	0.0%	6,020,274	2.4%	-1.0%	1,022.3	4.3%	1,100.3	-3.1%	7.6%	1,281.4	-0.9%	1,280.6	0.6%	-0.1%
Projected	2021	5,905,303	-2.9%	5,905,303	-1.9%		1,025.3	0.3%	1,025.3	-6.8%		1,235.9	-3.6%	1,235.9	-3.5%	
	2022			5,994,924	1.5%				1,044.5	1.9%				1,253.1	1.4%	
	2023			6,069,734	1.2%				1,057.5	1.2%				1,269.1	1.3%	
	2024			6,165,734	1.6%				1,071.9	1.4%				1,285.7	1.3%	
	2025			6,228,146	1.0%				1,085.0	1.2%				1,301.2	1.2%	
	2026			6,295,850	1.1%				1,097.0	1.1%				1,315.1	1.1%	
	2027			6,360,191	1.0%				1,108.0	1.0%				1,329.0	1.1%	
	2028			6,438,987	1.2%				1,119.2	1.0%				1,343.1	1.1%	
	2029			6,491,725	0.8%				1,130.6	1.0%				1,357.4	1.1%	
	2030			6,530,820	0.6%				1,136.4	0.5%				1,367.1	0.7%	
	2031			6,600,166	1.1%				1,148.3	1.0%				1,381.8	1.1%	
	2032			6,684,335	1.3%				1,160.3	1.0%				1,396.9	1.1%	
	2033			6,740,714	0.8%				1,172.0	1.0%				1,412.4	1.1%	
	2034			6,812,730	1.1%				1,184.4	1.1%				1,427.7	1.1%	
	2035			6,884,309	1.1%				1,196.3	1.0%				1,443.2	1.1%	
	2036			6,903,386	0.3%				1,195.9	0.0%				1,444.5	0.1%	
	2037			6,955,755	0.8%				1,207.2	0.9%				1,458.9	1.0%	
	2038			6,920,288	-0.5%				1,194.9	-1.0%				1,451.9	-0.5%	
	2039			6,992,177	1.0%				1,206.9	1.0%				1,467.6	1.1%	
	2040			7,081,525	1.3%				1,219.7	1.1%				1,483.5	1.1%	
CAGR ^[3]	2011-2020		-0.1%		0.1%			-2.3%		-0.8%			0.2%		0.7%	
	2021-2030				1.1%					1.2%					1.1%	
	2031-2040				0.8%					0.7%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Mild Weather Case
Total Agency - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	6,147,277	-	6,147,277	-	1,293.0	1,300.2	1,293.0	1,300.2	1,258.3	1,258.2	1,258.3	1,258.2
	2012	5,914,360	-3.8%	5,914,360	-3.8%	1,119.9	1,250.8	1,119.9	1,250.8	1,096.7	1,203.3	1,096.7	1,203.3
	2013	5,914,988	0.0%	5,914,988	0.0%	1,072.3	1,258.0	1,072.3	1,258.0	1,009.9	1,222.0	1,009.9	1,222.0
	2014	5,733,592	-3.1%	5,733,592	-3.1%	1,071.5	1,216.5	1,071.5	1,216.5	996.9	1,185.1	996.9	1,185.1
	2015	5,775,332	0.7%	5,777,052	0.8%	1,148.8	1,229.1	1,149.5	1,229.4	1,128.2	1,194.1	1,128.5	1,194.4
	2016	5,979,483	3.5%	5,980,070	3.5%	1,060.8	1,291.0	1,060.8	1,291.0	1,009.6	1,267.4	1,009.9	1,267.4
	2017	5,825,558	-2.6%	5,825,558	-2.6%	980.7	1,267.1	980.7	1,267.1	919.4	1,236.4	919.4	1,236.4
	2018	5,945,319	2.1%	5,945,319	2.1%	1,219.5	1,252.9	1,219.5	1,252.9	1,178.9	1,238.9	1,178.9	1,238.9
	2019	6,082,512	2.3%	6,082,512	2.3%	1,026.5	1,311.1	1,026.5	1,311.1	979.8	1,292.4	979.8	1,292.4
	2020	6,082,634	0.0%	5,849,127	-3.8%	1,058.6	1,312.8	1,088.0	1,245.1	1,022.3	1,281.4	1,025.7	1,213.7
Projected	2021	5,905,303	-2.9%	5,898,128	0.8%	1,088.5	1,266.9	1,103.0	1,262.4	1,025.3	1,235.9	1,039.8	1,230.6
	2022	5,994,924	1.5%	5,961,725	1.1%	1,108.9	1,284.5	1,116.2	1,275.7	1,044.5	1,253.1	1,052.5	1,243.6
	2023	6,069,734	1.2%	6,020,389	1.0%	1,122.3	1,300.8	1,127.3	1,288.3	1,057.5	1,269.1	1,063.1	1,256.0
	2024	6,165,734	1.6%	6,092,661	1.2%	1,137.5	1,317.7	1,137.6	1,301.5	1,071.9	1,285.7	1,073.4	1,268.9
	2025	6,228,146	1.0%	6,139,761	0.8%	1,151.8	1,333.6	1,148.8	1,315.0	1,085.0	1,301.2	1,083.9	1,282.3
	2026	6,295,850	1.1%	6,201,170	1.0%	1,164.4	1,347.8	1,160.1	1,328.5	1,097.0	1,315.1	1,094.8	1,295.5
	2027	6,360,191	1.0%	6,259,578	0.9%	1,176.0	1,361.9	1,170.8	1,341.2	1,108.0	1,329.0	1,105.2	1,308.0
	2028	6,438,987	1.2%	6,327,683	1.1%	1,187.4	1,375.9	1,180.4	1,353.0	1,119.2	1,343.1	1,114.8	1,319.8
	2029	6,491,725	0.8%	6,368,348	0.6%	1,199.6	1,390.5	1,190.7	1,365.0	1,130.6	1,357.4	1,124.4	1,331.5
	2030	6,530,820	0.6%	6,396,270	0.4%	1,205.3	1,400.2	1,194.3	1,372.3	1,136.4	1,367.1	1,128.4	1,338.8
	2031	6,600,166	1.1%	6,453,583	0.9%	1,217.6	1,415.1	1,204.6	1,385.2	1,148.3	1,381.8	1,138.3	1,351.5
	2032	6,684,335	1.3%	6,528,317	1.2%	1,229.8	1,430.4	1,215.2	1,398.5	1,160.3	1,396.9	1,148.7	1,364.6
	2033	6,740,714	0.8%	6,573,743	0.7%	1,242.3	1,446.1	1,226.0	1,411.7	1,172.0	1,412.4	1,158.8	1,377.5
	2034	6,812,730	1.1%	6,632,850	0.9%	1,255.3	1,461.7	1,236.8	1,424.6	1,184.4	1,427.7	1,169.1	1,390.2
	2035	6,884,309	1.1%	6,691,207	0.9%	1,267.8	1,477.5	1,247.0	1,437.6	1,196.3	1,443.2	1,178.9	1,403.0
	2036	6,903,386	0.3%	6,693,919	0.0%	1,267.2	1,478.3	1,243.3	1,435.1	1,195.9	1,444.5	1,175.5	1,401.0
	2037	6,955,755	0.8%	6,733,977	0.6%	1,279.4	1,493.0	1,253.3	1,447.1	1,207.2	1,458.9	1,184.9	1,412.8
	2038	6,920,288	-0.5%	6,687,208	-0.7%	1,267.6	1,485.1	1,239.3	1,436.8	1,194.9	1,451.9	1,170.5	1,403.4
	2039	6,992,177	1.0%	6,745,779	0.9%	1,280.2	1,501.1	1,249.6	1,449.9	1,206.9	1,467.6	1,180.4	1,416.3
	2040	7,081,525	1.3%			1,293.2	1,517.3			1,219.7	1,483.5		
CAGR [1]	Historical		-0.1%		-0.1%	-2.2%	0.1%	-2.8%	0.1%	-0.9%	0.8%	-1.6%	1.0%
	1st 10 Prj Yrs		1.1%		0.9%	1.1%	1.1%	1.0%	1.0%	1.2%	1.1%	1.0%	1.0%
	2nd 10 Prj Yrs		0.8%		0.6%	0.7%	0.8%	0.5%	0.6%	0.7%	0.8%	0.5%	0.6%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case
Total Agency - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	6,147,277	-	5,975,503	-	-2.8%	1,258.3	-	1,184.1	-	-5.9%	1,258.2	-	1,200.2	-	-4.6%
	2012	5,914,360	-3.8%	6,010,714	0.6%	1.6%	1,096.7	-12.8%	1,056.6	-10.8%	-3.7%	1,203.3	-4.4%	1,300.0	8.3%	8.0%
	2013	5,914,988	0.0%	5,990,932	-0.3%	1.3%	1,009.9	-7.9%	984.6	-6.8%	-2.5%	1,222.0	1.6%	1,259.6	-3.1%	3.1%
	2014	5,733,592	-3.1%	5,702,238	-4.8%	-0.5%	996.9	-1.3%	1,077.1	9.4%	8.0%	1,185.1	-3.0%	1,181.1	-6.2%	-0.3%
	2015	5,777,052	0.8%	5,668,496	-0.6%	-1.9%	1,128.5	13.2%	1,001.8	-7.0%	-11.2%	1,194.4	0.8%	1,213.1	2.7%	1.6%
	2016	5,981,790	3.5%	5,831,494	2.9%	-2.5%	1,009.9	-10.5%	1,040.1	3.8%	3.0%	1,267.7	6.1%	1,233.5	1.7%	-2.7%
	2017	5,826,145	-2.6%	5,835,713	0.1%	0.2%	919.4	-9.0%	931.8	-10.4%	1.3%	1,236.4	-2.5%	1,281.8	3.9%	3.7%
	2018	5,945,319	2.0%	5,859,079	0.4%	-1.5%	1,178.9	28.2%	1,126.6	20.9%	-4.4%	1,238.9	0.2%	1,267.0	-1.2%	2.3%
	2019	6,082,512	2.3%	5,880,664	0.4%	-3.3%	979.8	-16.9%	1,135.9	0.8%	15.9%	1,292.4	4.3%	1,273.0	0.5%	-1.5%
	2020	6,082,634	0.0%	5,937,786	1.0%	-2.4%	1,022.3	4.3%	1,100.3	-3.1%	7.6%	1,281.4	-0.9%	1,280.6	0.6%	-0.1%
Projected	2021	5,888,689	-3.2%	5,888,689	-0.8%		1,025.3	0.3%	1,025.3	-6.8%		1,231.9	-3.9%	1,231.9	-3.8%	
	2022			5,971,709	1.4%				1,044.5	1.9%				1,247.5	1.3%	
	2023			6,040,231	1.1%				1,057.5	1.2%				1,262.1	1.2%	
	2024			6,128,825	1.5%				1,071.9	1.4%				1,276.9	1.2%	
	2025			6,180,710	0.8%				1,085.0	1.2%				1,289.9	1.0%	
	2026			6,235,618	0.9%				1,097.0	1.1%				1,300.8	0.8%	
	2027			6,285,622	0.8%				1,108.0	1.0%				1,311.2	0.8%	
	2028			6,348,542	1.0%				1,119.2	1.0%				1,321.6	0.8%	
	2029			6,384,457	0.6%				1,130.6	1.0%				1,331.9	0.8%	
	2030			6,405,783	0.3%				1,136.4	0.5%				1,337.4	0.4%	
	2031			6,459,266	0.8%				1,148.3	1.0%				1,348.3	0.8%	
	2032			6,528,187	1.1%				1,160.3	1.0%				1,359.9	0.9%	
	2033			6,570,675	0.7%				1,172.0	1.0%				1,371.9	0.9%	
	2034			6,629,053	0.9%				1,184.4	1.1%				1,384.0	0.9%	
	2035			6,687,420	0.9%				1,196.3	1.0%				1,396.4	0.9%	
	2036			6,693,271	0.1%				1,195.9	0.0%				1,394.6	-0.1%	
	2037			6,732,607	0.6%				1,207.2	0.9%				1,405.8	0.8%	
	2038			6,685,140	-0.7%				1,194.9	-1.0%				1,396.0	-0.7%	
	2039			6,743,307	0.9%				1,206.9	1.0%				1,408.5	0.9%	
	2040			6,818,498	1.1%				1,219.7	1.1%				1,421.0	0.9%	
CAGR ^[3]	2011-2020		-0.1%		-0.1%			-2.3%		-0.8%			0.2%		0.7%	
	2021-2030				0.9%					1.2%					0.9%	
	2031-2040				0.6%					0.7%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Mild Weather Case
Total Agency - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	461,335	393,793	424,620	488,193	537,767	588,106	623,766	644,115	570,519	460,766	410,067	418,993	6,022,040	6,147,277
	2012	438,988	405,060	451,583	458,392	543,656	545,599	623,149	603,756	554,351	504,602	398,605	435,593	5,963,334	5,914,360
	2013	428,865	400,438	432,242	463,445	507,457	573,259	581,975	626,296	562,210	516,187	427,182	440,420	5,959,977	5,914,988
	2014	458,798	376,082	396,665	423,785	497,285	521,770	571,164	591,892	512,362	461,946	387,082	412,653	5,611,484	5,733,592
	2015	423,859	391,814	433,884	469,172	526,875	564,009	585,493	583,880	536,385	477,199	447,017	436,736	5,876,322	5,777,052
	2016	434,986	397,529	428,066	436,669	517,921	586,159	645,813	615,145	558,551	481,763	397,590	424,514	5,924,706	5,981,790
	2017	420,300	369,307	422,712	462,186	543,679	545,907	610,433	626,402	521,351	510,122	404,061	427,714	5,864,175	5,826,145
	2018	486,883	395,927	410,294	435,098	497,243	566,526	596,706	617,855	596,890	535,843	436,820	427,594	6,003,678	5,945,319
	2019	440,834	388,033	423,717	457,363	568,643	591,427	616,795	617,863	577,582	550,214	414,640	419,893	6,067,001	6,082,512
	2020	433,461	409,343	471,516	453,576	509,086	580,517	624,346	636,514	579,529	505,885	415,561	421,187	6,040,521	6,082,634
Projected	2021	424,156	379,621	437,277	452,709	535,147	562,622	599,861	603,358	551,306	509,053	423,740	428,562	5,907,412	5,888,689
	2022	431,614	386,536	444,926	458,682	542,603	569,452	607,553	611,008	557,981	515,350	428,770	433,712	5,988,186	5,971,709
	2023	436,371	390,912	449,561	463,680	548,899	575,614	614,501	618,255	564,605	521,692	434,301	439,497	6,057,888	6,040,231
	2024	442,003	410,125	455,317	469,560	555,644	582,483	621,770	625,280	571,152	527,612	439,009	444,752	6,144,709	6,128,825
	2025	447,123	400,726	460,204	474,617	561,693	588,461	628,169	631,556	576,789	532,703	443,020	449,238	6,194,298	6,180,710
	2026	451,443	404,603	464,124	478,706	566,662	593,389	633,479	636,785	581,464	537,004	446,345	453,143	6,247,148	6,235,618
	2027	455,295	408,097	467,593	482,400	571,271	598,016	638,561	641,859	586,038	541,073	449,444	456,876	6,296,522	6,285,622
	2028	458,998	425,964	470,880	485,946	575,772	602,569	643,590	646,893	590,537	545,477	452,814	460,910	6,360,350	6,348,542
	2029	463,001	415,085	474,338	489,641	580,406	607,195	648,653	651,927	595,010	547,398	453,845	462,583	6,389,083	6,384,457
	2030	464,609	416,495	475,372	491,028	582,512	609,280	651,118	654,417	597,126	552,134	457,511	466,886	6,418,488	6,405,783
Projected	2031	468,877	420,233	479,011	494,903	587,360	614,174	656,487	659,777	601,914	556,649	460,953	470,905	6,471,242	6,459,266
	2032	472,884	438,927	482,753	498,904	592,375	619,291	662,122	665,428	606,996	561,579	464,772	475,269	6,541,299	6,528,187
	2033	477,250	427,898	486,698	503,121	597,635	624,685	668,060	671,377	612,333	566,704	468,738	479,746	6,584,243	6,570,675
	2034	481,698	431,927	490,782	507,445	602,974	630,130	674,005	677,299	617,604	571,721	472,602	484,080	6,642,268	6,629,053
	2035	486,036	435,862	494,806	511,743	608,324	635,641	680,080	683,409	623,117	571,236	471,701	483,479	6,685,434	6,687,420
	2036	485,393	450,830	493,790	511,009	607,581	634,718	679,104	682,369	622,061	576,193	475,500	487,742	6,706,290	6,693,271
	2037	489,629	439,249	497,568	515,013	612,537	639,759	684,612	687,852	626,955	572,371	471,547	484,134	6,721,225	6,732,607
	2038	485,574	436,045	493,748	511,537	608,672	635,446	680,183	683,339	622,544	577,320	475,374	488,485	6,698,267	6,685,140
	2039	489,918	439,979	497,749	515,813	614,016	640,951	686,255	689,424	628,023	582,516	479,376	492,997	6,757,017	6,743,307
	2040	494,409	459,678	501,857	520,188	619,457	646,543	692,397	695,555	633,524	587,716	483,364	497,482	6,832,170	6,818,498

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.7%	6.5%	7.1%	8.1%	8.9%	9.8%	10.4%	10.7%	9.5%	7.7%	6.8%	7.0%	100.0%
	2012	7.4%	6.8%	7.6%	7.7%	9.1%	9.1%	10.4%	10.1%	9.3%	8.5%	6.7%	7.3%	100.0%
	2013	7.2%	6.7%	7.3%	7.8%	8.5%	9.6%	9.8%	10.5%	9.4%	8.7%	7.2%	7.4%	100.0%
	2014	8.2%	6.7%	7.1%	7.6%	8.9%	9.3%	10.2%	10.5%	9.1%	8.2%	6.9%	7.4%	100.0%
	2015	7.2%	6.7%	7.4%	8.0%	9.0%	9.6%	10.0%	9.9%	9.1%	8.1%	7.6%	7.4%	100.0%
	2016	7.3%	6.7%	7.2%	7.4%	8.7%	9.9%	10.9%	10.4%	9.4%	8.1%	6.7%	7.2%	100.0%
	2017	7.2%	6.3%	7.2%	7.9%	9.3%	9.3%	10.7%	10.4%	8.9%	8.7%	6.9%	7.3%	100.0%
	2018	8.1%	6.6%	6.8%	7.2%	8.3%	9.4%	9.9%	10.3%	9.9%	8.9%	7.3%	7.1%	100.0%
	2019	7.3%	6.4%	7.0%	7.5%	9.4%	9.7%	10.2%	10.2%	9.5%	9.1%	6.8%	6.9%	100.0%
	2020	7.2%	6.8%	7.8%	7.5%	8.4%	9.6%	10.3%	10.5%	9.6%	8.4%	6.9%	7.0%	100.0%
Projected	2021	7.2%	6.4%	7.4%	7.7%	9.1%	9.5%	10.2%	10.2%	9.3%	8.6%	7.2%	7.3%	100.0%
	2022	7.2%	6.5%	7.4%	7.7%	9.1%	9.5%	10.1%	10.2%	9.3%	8.6%	7.2%	7.2%	100.0%
	2023	7.2%	6.5%	7.4%	7.7%	9.1%	9.5%	10.1%	10.2%	9.3%	8.6%	7.2%	7.3%	100.0%
	2024	7.2%	6.7%	7.4%	7.6%	9.0%	9.5%	10.1%	10.2%	9.3%	8.6%	7.1%	7.2%	100.0%
	2025	7.2%	6.5%	7.4%	7.7%	9.1%	9.5%	10.1%	10.2%	9.3%	8.6%	7.2%	7.3%	100.0%
	2026	7.2%	6.5%	7.4%	7.7%	9.1%	9.5%	10.1%	10.2%	9.3%	8.6%	7.1%	7.3%	100.0%
	2027	7.2%	6.5%	7.4%	7.7%	9.1%	9.5%	10.1%	10.2%	9.3%	8.6%	7.1%	7.3%	100.0%
	2028	7.2%	6.7%	7.4%	7.6%	9.1%	9.5%	10.1%	10.2%	9.3%	8.6%	7.1%	7.2%	100.0%
	2029	7.2%	6.5%	7.4%	7.7%	9.1%	9.5%	10.2%	10.2%	9.3%	8.6%	7.1%	7.2%	100.0%
	2030	7.2%	6.5%	7.4%	7.7%	9.1%	9.5%	10.1%	10.2%	9.3%	8.6%	7.1%	7.3%	100.0%
Avg.	2011-2020	7.5%	6.6%	7.2%	7.7%	8.8%	9.5%	10.2%	10.4%	9.4%	8.4%	7.0%	7.2%	100.0%
	2021-2030	7.2%	6.5%	7.4%	7.7%	9.1%	9.5%	10.1%	10.2%	9.3%	8.6%	7.1%	7.3%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
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FMPA 2021 Load Forecast - Mild Weather Case
Total Agency - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	1,186.7	959.1	878.6	1,100.6	1,154.6	1,267.6	1,263.5	1,300.2	1,185.3	1,007.2	881.6	829.5	1,293.0	1,300.2
	2012	1,119.9	1,086.3	905.9	1,036.2	1,147.8	1,221.4	1,250.8	1,236.0	1,189.0	1,114.0	846.1	913.6	1,119.9	1,250.8
	2013	886.9	1,072.3	1,069.8	1,006.7	1,099.7	1,228.1	1,212.8	1,258.0	1,208.7	1,107.3	953.6	903.5	1,072.3	1,258.0
	2014	1,071.5	922.0	817.8	1,005.3	1,075.0	1,134.0	1,176.1	1,216.5	1,157.3	1,034.7	961.8	879.0	1,071.5	1,216.5
	2015	927.9	1,149.5	907.0	1,016.2	1,131.0	1,229.4	1,199.5	1,215.3	1,170.4	1,045.8	1,029.8	883.0	1,149.5	1,229.4
	2016	1,061.1	1,047.8	943.2	1,040.4	1,121.9	1,247.3	1,291.2	1,260.1	1,168.4	1,067.3	864.6	884.5	1,061.1	1,291.2
	2017	980.7	845.1	970.7	1,111.3	1,194.2	1,201.0	1,251.1	1,267.1	1,203.6	1,139.1	887.9	959.9	980.7	1,267.1
	2018	1,219.5	927.7	903.1	935.7	1,072.0	1,229.2	1,231.7	1,252.9	1,247.7	1,165.2	1,026.5	987.2	1,219.5	1,252.9
	2019	999.3	932.9	963.3	1,029.7	1,252.2	1,311.1	1,283.4	1,277.0	1,260.9	1,147.4	985.8	886.8	1,026.5	1,311.1
	2020	1,050.0	960.0	1,058.6	1,080.0	1,172.1	1,312.8	1,293.6	1,303.9	1,297.8	1,137.5	899.0	864.8	1,058.6	1,312.8
Projected	2021	1,088.5	975.6	921.6	1,026.6	1,149.9	1,234.3	1,237.1	1,263.0	1,201.1	1,092.7	902.7	880.8	1,088.5	1,263.0
	2022	1,108.9	993.6	937.4	1,040.0	1,165.1	1,249.8	1,252.7	1,279.0	1,216.1	1,107.1	913.6	891.3	1,108.9	1,279.0
	2023	1,122.3	1,005.6	949.1	1,052.6	1,179.2	1,264.2	1,267.2	1,293.8	1,230.1	1,120.4	925.9	903.3	1,122.3	1,293.8
	2024	1,137.5	1,019.1	962.4	1,065.6	1,193.8	1,278.9	1,282.0	1,309.0	1,244.5	1,133.9	936.7	915.0	1,137.5	1,309.0
	2025	1,151.8	1,031.7	974.0	1,077.3	1,207.0	1,291.8	1,295.0	1,322.3	1,257.0	1,146.2	947.1	924.9	1,151.8	1,322.3
	2026	1,164.4	1,042.8	984.9	1,087.3	1,218.4	1,302.5	1,305.8	1,333.5	1,267.4	1,156.7	956.3	934.1	1,164.4	1,333.5
	2027	1,176.0	1,053.0	995.0	1,097.0	1,229.5	1,312.7	1,316.2	1,344.1	1,277.3	1,166.8	966.2	942.9	1,176.0	1,344.1
	2028	1,187.4	1,063.1	1,005.6	1,106.8	1,240.7	1,322.9	1,326.6	1,354.4	1,287.3	1,177.5	975.4	952.7	1,187.4	1,354.4
	2029	1,199.6	1,073.9	1,015.8	1,116.7	1,252.0	1,333.0	1,336.8	1,365.0	1,297.1	1,183.7	981.2	957.7	1,199.6	1,365.0
	2030	1,205.3	1,079.2	1,021.7	1,122.5	1,258.8	1,338.2	1,342.1	1,370.5	1,302.1	1,194.6	991.6	967.8	1,205.3	1,370.5
Projected	2031	1,217.6	1,090.1	1,032.5	1,132.8	1,270.6	1,348.9	1,352.9	1,381.6	1,312.6	1,205.9	1,002.1	976.8	1,217.6	1,381.6
	2032	1,229.8	1,100.9	1,043.8	1,143.6	1,282.8	1,360.2	1,364.3	1,393.4	1,323.6	1,217.5	1,011.8	987.2	1,229.8	1,393.4
	2033	1,242.3	1,112.0	1,054.5	1,154.8	1,295.5	1,372.1	1,376.3	1,405.7	1,335.1	1,229.6	1,022.4	997.3	1,242.3	1,405.7
	2034	1,255.3	1,123.5	1,065.9	1,165.9	1,308.1	1,384.0	1,388.3	1,418.0	1,346.7	1,241.5	1,032.8	1,007.2	1,255.3	1,418.0
	2035	1,267.8	1,134.5	1,076.9	1,177.3	1,321.0	1,396.3	1,400.7	1,430.7	1,358.6	1,241.6	1,034.6	1,006.0	1,267.8	1,430.7
	2036	1,267.2	1,133.9	1,078.4	1,177.0	1,320.4	1,394.2	1,398.4	1,428.5	1,356.5	1,253.5	1,044.2	1,016.0	1,267.2	1,428.5
	2037	1,279.4	1,144.7	1,088.7	1,187.3	1,332.2	1,405.2	1,409.6	1,439.9	1,367.3	1,245.9	1,038.0	1,006.3	1,279.4	1,439.9
	2038	1,267.6	1,133.6	1,081.6	1,181.0	1,324.4	1,395.0	1,399.0	1,429.2	1,357.3	1,257.4	1,048.4	1,016.2	1,267.6	1,429.2
	2039	1,280.2	1,144.7	1,092.8	1,192.4	1,337.3	1,407.3	1,411.4	1,442.0	1,369.3	1,269.7	1,059.9	1,026.2	1,280.2	1,442.0
	2040	1,293.2	1,156.1	1,104.7	1,203.9	1,350.4	1,419.7	1,423.9	1,454.8	1,381.3	1,282.1	1,075.6	1,042.5	1,293.2	1,454.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	52.3%	61.1%	65.0%	61.6%	62.6%	64.4%	66.4%	66.6%	66.8%	61.5%	64.6%	67.9%	53.2%	54.0%
	2012	52.7%	53.6%	67.0%	61.4%	63.7%	62.0%	67.0%	65.7%	64.8%	60.9%	65.4%	64.1%	60.8%	54.0%
	2013	65.0%	55.6%	54.3%	63.9%	62.0%	64.8%	64.5%	66.9%	64.6%	62.7%	62.2%	65.5%	63.4%	53.7%
	2014	57.6%	60.7%	65.2%	58.6%	62.2%	63.9%	65.3%	65.4%	61.5%	60.0%	55.9%	63.1%	59.8%	53.8%
	2015	61.4%	50.7%	64.3%	64.1%	62.6%	63.7%	65.6%	64.6%	63.7%	61.3%	60.3%	66.5%	58.4%	53.6%
	2016	55.1%	54.5%	61.0%	58.3%	62.0%	65.3%	67.2%	65.6%	66.4%	60.7%	63.9%	64.5%	63.7%	52.9%
	2017	57.6%	65.0%	58.5%	57.8%	61.2%	63.1%	65.6%	66.4%	60.2%	60.2%	63.2%	59.9%	68.3%	52.5%
	2018	53.7%	63.5%	61.1%	64.6%	62.3%	64.0%	65.1%	66.3%	66.4%	61.8%	59.1%	58.2%	56.2%	54.2%
	2019	59.3%	61.9%	59.1%	61.7%	61.0%	62.7%	64.6%	65.0%	63.6%	64.5%	58.4%	63.6%	67.5%	53.0%
	2020	55.5%	61.3%	59.9%	58.3%	58.4%	61.4%	64.9%	65.6%	62.0%	59.8%	64.2%	65.5%	65.1%	52.9%
Projected	2021	52.4%	57.9%	63.8%	61.2%	62.6%	63.3%	65.2%	64.2%	63.8%	62.6%	65.2%	65.4%	62.0%	53.2%
	2022	52.3%	57.9%	63.8%	61.3%	62.6%	63.3%	65.2%	64.2%	63.7%	62.6%	65.2%	65.4%	61.6%	53.3%
	2023	52.3%	57.9%	63.7%	61.2%	62.6%	63.2%	65.2%	64.2%	63.7%	62.6%	65.1%	65.4%	61.6%	53.3%
	2024	52.2%	57.8%	63.6%	61.2%	62.6%	63.3%	65.2%	64.2%	63.7%	62.5%	65.1%	65.3%	61.7%	53.4%
	2025	52.2%	57.8%	63.5%	61.2%	62.5%	63.3%	65.2%	64.2%	63.7%	62.5%	65.0%	65.3%	61.4%	53.4%
	2026	52.1%	57.7%	63.3%	61.2%	62.5%	63.3%	65.2%	64.2%	63.7%	62.4%	64.8%	65.2%	61.2%	53.4%
	2027	52.0%	57.7%	63.2%	61.1%	62.5%	63.3%	65.2%	64.2%	63.7%	62.3%	64.6%	65.1%	61.1%	53.4%
	2028	52.0%	57.6%	62.9%	61.0%	62.4%	63.3%	65.2%	64.2%	63.7%	62.3%	64.5%	65.0%	61.1%	53.5%
	2029	51.9%	57.5%	62.8%	60.9%	62.3%	63.3%	65.2%	64.2%	63.7%	62.2%	64.2%	64.9%	60.8%	53.4%
	2030	51.8%	57.4%	62.5%	60.8%	62.2%	63.2%	65.2%	64.2%	63.7%	62.1%	64.1%	64.8%	60.8%	53.4%
Avg.	2011-2020	57.0%	58.8%	61.5%	61.0%	61.8%	63.5%	65.6%	65.8%	64.0%	61.3%	61.7%	63.9%	61.6%	53.4%
	2021-2030	52.1%	57.7%	63.3%	61.1%	62.5%	63.3%	65.2%	64.2%	63.7%	62.4%	64.8%	65.2%	61.3%	53.4%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Mild Weather Case
Total Agency - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	1,168.7	900.6	807.1	1,067.7	1,112.3	1,239.2	1,214.4	1,258.2	1,124.9	990.4	852.3	750.1	1,258.3	1,258.2
	2012	1,096.7	1,038.9	871.7	993.3	1,091.1	1,146.8	1,203.3	1,188.3	1,143.4	1,087.3	747.0	830.0	1,096.7	1,203.3
	2013	772.0	1,003.2	1,009.9	958.2	1,073.6	1,176.8	1,156.6	1,222.0	1,164.9	1,067.9	906.6	820.2	1,009.9	1,222.0
	2014	996.9	847.6	703.0	998.1	1,051.7	1,106.0	1,125.7	1,185.1	1,092.9	1,015.0	827.7	795.4	996.9	1,185.1
	2015	850.7	1,128.5	856.5	953.8	1,102.4	1,194.4	1,144.2	1,172.3	1,136.9	1,029.9	1,009.9	853.9	1,128.5	1,194.4
	2016	1,001.8	1,006.1	909.0	1,024.0	1,068.4	1,216.1	1,267.7	1,247.5	1,112.4	989.2	843.2	827.1	1,009.9	1,267.7
	2017	862.5	831.1	919.4	1,105.5	1,173.8	1,177.8	1,215.6	1,236.4	1,157.1	1,122.5	854.2	900.2	919.4	1,236.4
	2018	1,178.9	879.6	844.9	887.1	1,038.0	1,167.3	1,186.3	1,238.9	1,210.0	1,154.7	979.8	888.2	1,178.9	1,238.9
	2019	912.2	895.1	900.2	1,010.5	1,209.6	1,292.4	1,262.0	1,208.8	1,250.3	1,099.8	980.1	782.3	979.8	1,292.4
	2020	1,007.7	890.1	1,022.3	1,013.2	1,138.3	1,281.4	1,239.1	1,270.1	1,268.4	1,108.1	851.0	798.0	1,022.3	1,281.4
Projected	2021	1,025.3	931.8	868.5	993.3	1,116.7	1,200.5	1,197.3	1,231.9	1,161.8	1,064.7	855.0	812.9	1,025.3	1,231.9
	2022	1,044.5	949.1	883.4	1,006.3	1,131.5	1,215.6	1,212.4	1,247.5	1,176.4	1,078.8	865.4	822.8	1,044.5	1,247.5
	2023	1,057.5	960.6	894.5	1,018.5	1,145.2	1,229.7	1,226.5	1,262.1	1,190.0	1,091.9	877.2	834.0	1,057.5	1,262.1
	2024	1,071.9	973.6	907.2	1,031.1	1,159.4	1,244.0	1,240.9	1,276.9	1,203.8	1,105.0	887.5	844.5	1,071.9	1,276.9
	2025	1,085.0	985.5	918.3	1,042.4	1,172.2	1,256.7	1,253.6	1,289.9	1,215.9	1,117.0	897.4	853.8	1,085.0	1,289.9
	2026	1,097.0	996.2	928.6	1,052.0	1,183.3	1,267.1	1,264.1	1,300.8	1,225.9	1,127.4	906.2	862.4	1,097.0	1,300.8
	2027	1,108.0	1,006.0	938.3	1,061.5	1,194.1	1,277.1	1,274.1	1,311.2	1,235.5	1,137.2	915.6	870.7	1,108.0	1,311.2
	2028	1,119.2	1,015.9	948.3	1,070.9	1,204.9	1,287.1	1,284.0	1,321.6	1,245.0	1,147.7	924.4	879.8	1,119.2	1,321.6
	2029	1,130.6	1,026.1	958.0	1,080.5	1,215.9	1,296.9	1,293.9	1,331.9	1,254.5	1,153.7	930.0	884.5	1,130.6	1,331.9
	2030	1,136.4	1,031.4	963.8	1,086.0	1,222.4	1,302.0	1,299.0	1,337.4	1,259.2	1,164.4	940.0	893.9	1,136.4	1,337.4
Projected	2031	1,148.3	1,041.9	974.1	1,095.9	1,233.9	1,312.5	1,309.6	1,348.3	1,269.3	1,175.4	950.0	902.6	1,148.3	1,348.3
	2032	1,160.3	1,052.6	984.9	1,106.3	1,245.8	1,323.6	1,320.6	1,359.9	1,279.9	1,186.8	959.3	912.1	1,160.3	1,359.9
	2033	1,172.0	1,063.2	995.1	1,117.1	1,258.1	1,335.2	1,332.3	1,371.9	1,291.1	1,198.6	969.4	921.6	1,172.0	1,371.9
	2034	1,184.4	1,074.3	1,005.9	1,127.9	1,270.4	1,346.9	1,344.0	1,384.0	1,302.2	1,210.3	979.3	930.9	1,184.4	1,384.0
	2035	1,196.3	1,085.0	1,016.4	1,138.9	1,282.9	1,358.9	1,356.0	1,396.4	1,313.7	1,210.5	981.1	930.2	1,196.3	1,396.4
	2036	1,195.9	1,084.7	1,018.1	1,138.4	1,282.2	1,356.9	1,353.8	1,394.6	1,311.9	1,222.2	990.2	939.4	1,195.9	1,394.6
	2037	1,207.2	1,094.9	1,027.9	1,148.5	1,293.6	1,367.7	1,364.6	1,405.8	1,322.3	1,215.2	985.1	931.4	1,207.2	1,405.8
	2038	1,194.9	1,085.5	1,022.4	1,142.2	1,286.0	1,357.5	1,354.7	1,396.0	1,312.8	1,226.6	995.1	940.7	1,194.9	1,396.0
	2039	1,206.9	1,096.3	1,033.1	1,153.2	1,298.6	1,369.5	1,366.7	1,408.5	1,324.3	1,238.6	1,006.1	950.2	1,206.9	1,408.5
	2040	1,219.7	1,107.6	1,044.5	1,164.3	1,311.3	1,381.6	1,378.8	1,421.0	1,336.0	1,250.7	1,021.1	965.4	1,219.7	1,421.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.5%	93.9%	91.9%	97.0%	96.3%	97.8%	96.1%	96.8%	94.9%	98.3%	96.7%	90.4%	97.3%	96.8%
	2012	97.9%	95.6%	96.2%	95.9%	95.1%	93.9%	96.2%	96.1%	96.2%	97.6%	88.3%	90.8%	97.9%	96.2%
	2013	87.0%	93.6%	94.4%	95.2%	97.6%	95.8%	95.4%	97.1%	96.4%	96.4%	95.1%	90.8%	94.2%	97.1%
	2014	93.0%	91.9%	86.0%	99.3%	97.8%	97.5%	95.7%	97.4%	94.4%	98.1%	86.1%	90.5%	93.0%	97.4%
	2015	91.7%	98.2%	94.4%	93.9%	97.5%	97.2%	95.4%	96.5%	97.1%	98.5%	98.1%	96.7%	98.2%	97.2%
	2016	94.4%	96.0%	96.4%	98.4%	95.2%	97.5%	98.2%	99.0%	95.2%	92.7%	97.5%	93.5%	95.2%	98.2%
	2017	88.0%	98.3%	94.7%	99.5%	98.3%	98.1%	97.2%	97.6%	96.1%	98.5%	96.2%	93.8%	93.8%	97.6%
	2018	96.7%	94.8%	93.6%	94.8%	96.8%	95.0%	96.3%	98.9%	97.0%	99.1%	95.5%	90.0%	96.7%	98.9%
	2019	91.3%	95.9%	93.5%	98.1%	96.6%	98.6%	98.3%	94.7%	99.2%	95.9%	99.4%	88.2%	95.5%	98.6%
	2020	96.0%	92.7%	96.6%	93.8%	97.1%	97.6%	95.8%	97.4%	97.7%	97.4%	94.7%	92.3%	96.6%	97.6%
Projected	2021	94.2%	95.5%	94.2%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.7%	92.3%	94.2%	97.5%
	2022	94.2%	95.5%	94.2%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.7%	92.3%	94.2%	97.5%
	2023	94.2%	95.5%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.7%	92.3%	94.2%	97.5%
	2024	94.2%	95.5%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.5%	94.7%	92.3%	94.2%	97.5%
	2025	94.2%	95.5%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.3%	94.2%	97.6%
	2026	94.2%	95.5%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.3%	94.2%	97.6%
	2027	94.2%	95.5%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.3%	94.2%	97.6%
	2028	94.3%	95.6%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.3%	94.3%	97.6%
	2029	94.2%	95.5%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.4%	94.2%	97.6%
	2030	94.3%	95.6%	94.3%	96.7%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.4%	94.3%	97.6%
	2011-2020	93.4%	95.1%	93.8%	96.6%	96.8%	96.9%	96.5%	97.1%	96.4%	97.3%	94.7%	91.7%	95.8%	97.5%
	2021-2030	94.2%	95.5%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.3%	94.2%	97.6%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Mild Weather Case
FP&L Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	2,805,902	-	2,743,469	-	-2.2%	544.4	-	515.1	-	-5.4%	534.8	-	509.2	-	-4.8%
	2012	2,709,712	-3.4%	2,761,124	0.6%	1.9%	469.7	-13.7%	453.2	-12.0%	-3.5%	527.2	-1.4%	545.0	7.0%	3.4%
	2013	2,693,753	-0.6%	2,739,574	-0.8%	1.7%	425.0	-9.5%	423.7	-6.5%	-0.3%	524.0	-0.6%	533.8	-2.0%	1.9%
	2014	2,437,324	-9.5%	2,417,176	-11.8%	-0.8%	384.4	-9.5%	415.5	-1.9%	8.1%	452.1	-13.7%	456.0	-14.6%	0.9%
	2015	2,366,430	-2.9%	2,337,824	-3.3%	-1.2%	456.4	18.7%	386.1	-7.1%	-15.4%	444.3	-1.7%	453.0	-0.6%	2.0%
	2016	2,436,956	3.0%	2,388,099	2.2%	-2.0%	390.9	-14.3%	403.9	4.6%	3.3%	484.9	9.1%	467.6	3.2%	-3.6%
	2017	2,341,144	-3.9%	2,315,068	-3.1%	-1.1%	344.6	-11.9%	361.2	-10.6%	4.8%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,318,307	0.1%	-1.6%	446.1	29.5%	429.5	18.9%	-3.7%	464.7	-0.5%	470.9	-1.1%	1.3%
	2019	2,399,054	1.8%	2,310,655	-0.3%	-3.7%	364.8	-18.2%	429.3	-0.1%	17.7%	470.0	1.1%	459.7	-2.4%	-2.2%
	2020	2,378,062	-0.9%	2,357,880	2.0%	-0.8%	355.3	-2.6%	412.9	-3.8%	16.2%	475.6	1.2%	478.8	4.1%	0.7%
Projected	2021	2,287,031	-3.8%	2,287,031	-3.0%		367.3	3.4%	367.3	-11.1%		446.8	-6.0%	446.8	-6.7%	
	2022			2,310,316	1.0%				373.6	1.7%				450.4	0.8%	
	2023			2,324,675	0.6%				376.0	0.6%				453.1	0.6%	
	2024			2,347,121	1.0%				377.8	0.5%				456.3	0.7%	
	2025			2,359,735	0.5%				381.6	1.0%				459.2	0.6%	
	2026			2,373,018	0.6%				383.8	0.6%				461.6	0.5%	
	2027			2,385,951	0.5%				386.0	0.6%				464.1	0.6%	
	2028			2,403,899	0.8%				387.2	0.3%				466.9	0.6%	
	2029			2,414,173	0.4%				390.6	0.9%				469.7	0.6%	
	2030			2,399,490	-0.6%				387.2	-0.9%				467.3	-0.5%	
	2031			2,413,471	0.6%				389.3	0.5%				470.0	0.6%	
	2032			2,431,881	0.8%				390.5	0.3%				473.0	0.6%	
	2033			2,443,276	0.5%				393.9	0.9%				476.1	0.6%	
	2034			2,459,123	0.6%				396.3	0.6%				479.2	0.7%	
	2035			2,475,068	0.6%				398.7	0.6%				482.3	0.7%	
	2036			2,426,285	-2.0%				387.1	-2.9%				471.4	-2.3%	
	2037			2,436,101	0.4%				390.3	0.8%				473.9	0.5%	
	2038			2,345,209	-3.7%				368.5	-5.6%				454.5	-4.1%	
	2039			2,358,245	0.6%				370.4	0.5%				457.1	0.6%	
	2040			2,376,201	0.8%				371.6	0.3%				459.9	0.6%	
CAGR^[3]	2011-2020		-1.8%		-1.7%			-4.6%		-2.4%			-1.3%		-0.7%	
	2021-2030				0.5%					0.6%					0.5%	
	2031-2040				-0.2%					-0.5%					-0.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Mild Weather Case
FP&L Cities - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	2,805,902	-	2,805,902	-	574.7	568.1	574.7	568.1	544.4	534.8	544.4	534.8
	2012	2,709,712	-3.4%	2,709,712	-3.4%	487.9	552.6	487.9	552.6	469.7	527.2	469.7	527.2
	2013	2,693,753	-0.6%	2,693,753	-0.6%	490.6	541.5	490.6	541.5	425.0	524.0	425.0	524.0
	2014	2,437,324	-9.5%	2,437,324	-9.5%	446.5	475.7	446.5	475.7	384.4	452.1	408.2	452.6
	2015	2,366,430	-2.9%	2,366,430	-2.9%	476.8	478.3	476.8	478.3	456.4	444.3	456.4	450.7
	2016	2,436,956	3.0%	2,436,956	3.0%	437.5	501.8	437.5	501.8	390.9	484.9	390.9	484.9
	2017	2,341,144	-3.9%	2,341,144	-3.9%	411.0	485.1	411.0	485.1	344.6	467.3	344.6	467.3
	2018	2,355,507	0.6%	2,355,507	0.6%	474.7	475.7	474.7	475.7	446.1	464.7	446.1	464.7
	2019	2,399,054	1.8%	2,399,054	1.8%	403.8	492.9	403.8	492.9	364.8	470.0	364.8	470.0
	2020	2,378,062	-0.9%	2,298,927	-4.2%	414.8	490.7	422.3	464.7	355.3	475.6	372.5	443.8
Projected	2021	2,287,031	-3.8%	2,317,048	0.8%	418.4	467.8	430.3	472.1	367.3	446.8	379.7	450.8
	2022	2,310,316	1.0%	2,331,065	0.6%	425.6	471.6	434.8	474.1	373.6	450.4	383.9	452.8
	2023	2,324,675	0.6%	2,339,944	0.4%	428.3	474.5	436.8	475.8	376.0	453.1	385.7	454.3
	2024	2,347,121	1.0%	2,352,240	0.5%	430.6	477.8	437.1	477.7	377.8	456.3	386.1	456.2
	2025	2,359,735	0.5%	2,358,367	0.3%	435.2	480.8	440.4	479.9	381.6	459.2	388.9	458.3
	2026	2,373,018	0.6%	2,369,089	0.5%	437.9	483.4	442.5	482.1	383.8	461.6	390.9	460.4
	2027	2,385,951	0.5%	2,379,585	0.4%	440.3	486.1	444.7	484.3	386.0	464.1	392.9	462.5
	2028	2,403,899	0.8%	2,393,888	0.6%	441.6	489.0	445.4	486.5	387.2	466.9	393.7	464.6
	2029	2,414,173	0.4%	2,399,751	0.2%	445.6	491.9	448.7	488.5	390.6	469.7	396.6	466.5
	2030	2,399,490	-0.6%	2,382,488	-0.7%	441.8	489.5	444.5	485.5	387.2	467.3	392.9	463.6
	2031	2,413,471	0.6%	2,391,874	0.4%	444.2	492.3	446.3	487.7	389.3	470.0	394.5	465.7
	2032	2,431,881	0.8%	2,407,521	0.7%	445.6	495.4	447.2	490.1	390.5	473.0	395.4	468.0
	2033	2,443,276	0.5%	2,414,962	0.3%	449.5	498.6	450.6	492.4	393.9	476.1	398.3	470.2
	2034	2,459,123	0.6%	2,426,242	0.5%	452.4	501.9	452.7	494.7	396.3	479.2	400.2	472.4
	2035	2,475,068	0.6%	2,437,553	0.5%	455.1	505.2	454.7	497.1	398.7	482.3	402.0	474.7
	2036	2,426,285	-2.0%	2,381,704	-2.3%	443.1	493.6	441.4	484.2	387.1	471.4	389.2	462.4
	2037	2,436,101	0.4%	2,386,959	0.2%	446.9	496.3	444.4	485.9	390.3	473.9	391.7	464.1
	2038	2,345,209	-3.7%	2,293,066	-3.9%	425.5	475.8	422.3	464.8	368.5	454.5	369.4	444.0
	2039	2,358,245	0.6%	2,301,848	0.4%	427.7	478.5	423.9	466.6	370.4	457.1	370.8	445.8
	2040	2,376,201	0.8%			429.0	481.5			371.6	459.9		
CAGR [1]	Historical		-1.8%		-1.9%	-3.6%	-1.6%	-4.3%	-1.8%	-3.4%	-1.3%	-3.5%	-1.6%
	1st 10 Prj Yrs		0.5%		0.5%	0.6%	0.5%	0.7%	0.6%	0.6%	0.5%	0.7%	0.6%
	2nd 10 Prj Yrs		-0.2%		-0.4%	-0.4%	-0.2%	-0.5%	-0.4%	-0.5%	-0.2%	-0.6%	-0.4%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
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[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case
FP&L Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	2,805,902	-	2,743,469	-	-2.2%	544.4	-	515.1	-	-5.4%	534.8	-	509.2	-	-4.8%
	2012	2,709,712	-3.4%	2,761,124	0.6%	1.9%	469.7	-13.7%	453.2	-12.0%	-3.5%	527.2	-1.4%	545.0	7.0%	3.4%
	2013	2,693,753	-0.6%	2,739,574	-0.8%	1.7%	425.0	-9.5%	423.7	-6.5%	-0.3%	524.0	-0.6%	533.8	-2.0%	1.9%
	2014	2,437,324	-9.5%	2,417,176	-11.8%	-0.8%	384.4	-9.5%	415.5	-1.9%	8.1%	452.1	-13.7%	456.0	-14.6%	0.9%
	2015	2,366,430	-2.9%	2,337,824	-3.3%	-1.2%	456.4	18.7%	386.1	-7.1%	-15.4%	444.3	-1.7%	453.0	-0.6%	2.0%
	2016	2,436,956	3.0%	2,388,099	2.2%	-2.0%	390.9	-14.3%	403.9	4.6%	3.3%	484.9	9.1%	467.6	3.2%	-3.6%
	2017	2,341,144	-3.9%	2,315,068	-3.1%	-1.1%	344.6	-11.9%	361.2	-10.6%	4.8%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,318,307	0.1%	-1.6%	446.1	29.5%	429.5	18.9%	-3.7%	464.7	-0.5%	470.9	-1.1%	1.3%
	2019	2,399,054	1.8%	2,310,655	-0.3%	-3.7%	364.8	-18.2%	429.3	-0.1%	17.7%	470.0	1.1%	459.7	-2.4%	-2.2%
	2020	2,378,062	-0.9%	2,313,635	0.1%	-2.7%	355.3	-2.6%	412.9	-3.8%	16.2%	475.6	1.2%	478.8	4.1%	0.7%
Projected	2021	2,284,725	-3.9%	2,284,725	-1.2%		367.3	3.4%	367.3	-11.1%		446.3	-6.2%	446.3	-6.8%	
	2022			2,307,296	1.0%				373.6	1.7%				449.7	0.8%	
	2023			2,320,937	0.6%				376.0	0.6%				452.2	0.6%	
	2024			2,342,570	0.9%				377.8	0.5%				455.2	0.7%	
	2025			2,354,304	0.5%				381.6	1.0%				457.9	0.6%	
	2026			2,366,364	0.5%				383.8	0.6%				460.0	0.5%	
	2027			2,377,965	0.5%				386.0	0.6%				462.2	0.5%	
	2028			2,394,487	0.7%				387.2	0.3%				464.7	0.5%	
	2029			2,403,288	0.4%				390.6	0.9%				467.1	0.5%	
	2030			2,387,054	-0.7%				387.2	-0.9%				464.4	-0.6%	
	2031			2,400,017	0.5%				389.3	0.5%				466.8	0.5%	
	2032			2,417,367	0.7%				390.5	0.3%				469.6	0.6%	
	2033			2,427,786	0.4%				393.9	0.9%				472.4	0.6%	
	2034			2,442,585	0.6%				396.3	0.6%				475.2	0.6%	
	2035			2,457,538	0.6%				398.7	0.6%				478.2	0.6%	
	2036			2,407,993	-2.0%				387.1	-2.9%				467.0	-2.3%	
	2037			2,416,712	0.4%				390.3	0.8%				469.3	0.5%	
	2038			2,326,008	-3.8%				368.5	-5.6%				449.9	-4.1%	
	2039			2,337,804	0.5%				370.4	0.5%				452.2	0.5%	
	2040			2,354,489	0.7%				371.6	0.3%				454.7	0.6%	
CAGR^[3]	2011-2020		-1.8%		-1.9%			-4.6%		-2.4%			-1.3%		-0.7%	
	2021-2030				0.5%					0.6%					0.4%	
	2031-2040				-0.2%					-0.5%					-0.3%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

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FMPA 2021 Load Forecast - Mild Weather Case
FP&L Cities - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	180,012	180,449	196,232	225,664	249,124	267,493	286,323	292,471	259,771	216,575	192,071	192,271	2,767,453	2,805,902
	2012	197,794	187,479	206,843	206,993	244,678	252,612	284,965	274,837	252,594	233,692	181,737	197,699	2,721,923	2,709,712
	2013	196,118	182,394	194,421	211,947	230,928	261,547	266,045	283,574	253,653	238,380	200,557	202,386	2,721,950	2,693,753
	2014	187,229	159,573	167,998	174,913	203,678	214,694	235,507	242,749	209,660	191,583	158,846	167,343	2,313,772	2,437,324
	2015	173,824	159,676	177,850	191,364	213,975	229,122	243,920	240,108	218,819	198,016	185,657	180,873	2,413,205	2,366,430
	2016	176,709	160,492	176,455	177,928	209,878	234,796	261,639	250,374	224,138	196,875	162,861	175,563	2,407,707	2,436,956
	2017	170,310	151,110	171,235	184,929	216,561	221,569	247,242	248,927	193,963	205,846	163,545	170,519	2,345,756	2,341,144
	2018	188,426	157,451	162,979	173,406	195,681	221,893	239,768	241,884	234,109	213,042	174,519	168,935	2,372,093	2,355,507
	2019	170,522	154,951	169,495	181,670	222,056	233,175	244,074	242,407	224,207	216,013	164,358	165,173	2,388,102	2,399,054
	2020	169,285	161,203	180,851	177,962	195,978	224,682	246,206	248,900	227,449	199,089	162,165	163,742	2,357,513	2,378,062
Projected	2021	166,993	146,360	168,814	176,779	204,488	218,096	231,358	232,191	214,653	198,548	165,164	166,416	2,289,858	2,284,725
	2022	169,734	148,594	171,183	178,493	206,124	219,818	233,129	233,840	216,254	199,917	166,262	167,532	2,310,880	2,307,296
	2023	170,717	149,359	172,064	179,498	207,312	220,957	234,399	235,256	217,664	201,328	167,640	169,004	2,325,197	2,320,937
	2024	172,144	154,618	173,554	180,953	208,875	222,568	235,978	236,743	219,166	202,714	168,813	170,346	2,346,472	2,342,570
	2025	173,460	151,804	174,811	182,221	210,291	223,966	237,377	238,091	220,409	203,816	169,746	171,356	2,357,348	2,354,304
	2026	174,445	152,641	175,712	183,144	211,351	225,042	238,489	239,189	221,433	204,756	170,536	172,242	2,368,980	2,366,364
	2027	175,346	153,421	176,561	184,034	212,398	226,137	239,651	240,358	222,525	205,765	171,377	173,160	2,380,734	2,377,965
	2028	176,287	158,272	177,462	184,989	213,524	227,329	240,936	241,655	223,729	206,888	172,302	174,147	2,397,522	2,394,487
	2029	177,292	155,118	178,391	185,964	214,660	228,521	242,201	242,922	224,883	205,655	171,005	172,864	2,399,475	2,403,288
	2030	175,971	153,827	176,942	184,654	213,252	227,121	240,764	241,490	223,509	206,848	171,987	173,890	2,390,255	2,387,054
Projected	2031	177,022	154,641	177,828	185,597	214,353	228,304	242,044	242,790	224,713	207,834	172,776	174,726	2,402,628	2,400,017
	2032	177,882	159,603	178,814	186,648	215,592	229,645	243,498	244,267	226,084	209,105	173,808	175,794	2,420,739	2,417,367
	2033	178,984	156,440	179,829	187,734	216,860	231,017	244,984	245,766	227,466	210,386	174,837	176,856	2,431,158	2,427,786
	2034	180,069	157,409	180,901	188,866	218,173	232,426	246,500	247,296	228,866	211,682	175,876	177,915	2,445,979	2,442,585
	2035	181,157	158,362	181,963	189,999	219,496	233,853	248,049	248,869	230,315	207,293	171,975	173,841	2,445,173	2,457,538
	2036	177,100	158,951	177,882	186,028	214,687	228,856	242,615	243,415	225,351	208,541	172,964	174,855	2,411,244	2,407,993
	2037	178,128	155,725	178,785	186,977	215,779	230,013	243,846	244,641	226,458	201,097	166,257	168,039	2,395,744	2,416,712
	2038	170,880	149,579	172,035	180,352	207,890	221,595	234,845	235,528	217,912	202,093	167,049	168,866	2,328,623	2,326,008
	2039	171,733	150,327	172,857	181,240	208,939	222,733	236,087	236,795	219,084	203,185	167,924	169,784	2,340,688	2,337,804
	2040	172,676	155,096	173,750	182,200	210,067	223,952	237,409	238,133	220,314	204,319	168,825	170,722	2,357,463	2,354,489

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.6%	6.5%	7.1%	8.2%	9.0%	9.7%	10.3%	10.6%	9.4%	7.8%	6.9%	6.9%	100.0%
	2012	7.3%	6.9%	7.6%	7.6%	9.0%	9.3%	10.5%	10.1%	9.3%	8.6%	6.7%	7.3%	100.0%
	2013	7.2%	6.7%	7.1%	7.8%	8.5%	9.6%	9.8%	10.4%	9.3%	8.8%	7.4%	7.4%	100.0%
	2014	8.1%	6.9%	7.3%	7.6%	8.8%	9.3%	10.2%	10.5%	9.1%	8.3%	6.9%	7.2%	100.0%
	2015	7.2%	6.6%	7.4%	7.9%	8.9%	9.5%	10.1%	9.9%	9.1%	8.2%	7.7%	7.5%	100.0%
	2016	7.3%	6.7%	7.3%	7.4%	8.7%	9.8%	10.9%	10.4%	9.3%	8.2%	6.8%	7.3%	100.0%
	2017	7.3%	6.4%	7.3%	7.9%	9.2%	9.4%	10.5%	10.6%	8.3%	8.8%	7.0%	7.3%	100.0%
	2018	7.9%	6.6%	6.9%	7.3%	8.2%	9.4%	10.1%	10.2%	9.9%	9.0%	7.4%	7.1%	100.0%
	2019	7.1%	6.5%	7.1%	7.6%	9.3%	9.8%	10.2%	10.2%	9.4%	9.0%	6.9%	6.9%	100.0%
	2020	7.2%	6.8%	7.7%	7.5%	8.3%	9.5%	10.4%	10.6%	9.6%	8.4%	6.9%	6.9%	100.0%
Projected	2021	7.3%	6.4%	7.4%	7.7%	8.9%	9.5%	10.1%	10.1%	9.4%	8.7%	7.2%	7.3%	100.0%
	2022	7.3%	6.4%	7.4%	7.7%	8.9%	9.5%	10.1%	10.1%	9.4%	8.7%	7.2%	7.2%	100.0%
	2023	7.3%	6.4%	7.4%	7.7%	8.9%	9.5%	10.1%	10.1%	9.4%	8.7%	7.2%	7.3%	100.0%
	2024	7.3%	6.6%	7.4%	7.7%	8.9%	9.5%	10.1%	10.1%	9.3%	8.6%	7.2%	7.3%	100.0%
	2025	7.4%	6.4%	7.4%	7.7%	8.9%	9.5%	10.1%	10.1%	9.3%	8.6%	7.2%	7.3%	100.0%
	2026	7.4%	6.4%	7.4%	7.7%	8.9%	9.5%	10.1%	10.1%	9.3%	8.6%	7.2%	7.3%	100.0%
	2027	7.4%	6.4%	7.4%	7.7%	8.9%	9.5%	10.1%	10.1%	9.3%	8.6%	7.2%	7.3%	100.0%
	2028	7.4%	6.6%	7.4%	7.7%	8.9%	9.5%	10.0%	10.1%	9.3%	8.6%	7.2%	7.3%	100.0%
	2029	7.4%	6.5%	7.4%	7.8%	8.9%	9.5%	10.1%	10.1%	9.4%	8.6%	7.1%	7.2%	100.0%
	2030	7.4%	6.4%	7.4%	7.7%	8.9%	9.5%	10.1%	10.1%	9.4%	8.7%	7.2%	7.3%	100.0%
Avg.	2011-2020	7.4%	6.7%	7.3%	7.7%	8.8%	9.5%	10.3%	10.3%	9.3%	8.5%	7.0%	7.2%	100.0%
	2021-2030	7.4%	6.5%	7.4%	7.7%	8.9%	9.5%	10.1%	10.1%	9.4%	8.6%	7.2%	7.3%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
 Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Mild Weather Case
FP&L Cities - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	517.1	423.2	411.9	473.5	498.9	542.9	550.9	568.1	523.7	455.1	404.6	375.4	574.7	568.1
	2012	487.9	487.6	399.4	449.5	500.1	545.1	552.6	534.3	512.8	485.9	390.0	430.0	487.9	552.6
	2013	411.5	490.6	480.3	444.2	478.7	540.0	525.0	541.5	525.7	492.0	435.7	413.3	490.6	541.5
	2014	446.5	394.1	349.8	383.9	418.3	445.4	470.8	475.7	458.0	405.6	409.8	354.2	446.5	475.7
	2015	384.0	476.8	356.4	417.3	437.7	471.5	478.3	469.9	455.3	408.9	401.6	358.8	476.8	478.3
	2016	437.5	426.1	379.0	400.0	431.8	481.4	501.8	484.4	453.7	423.9	344.6	363.7	437.5	501.8
	2017	411.0	333.6	388.3	411.6	456.4	458.5	480.1	485.1	461.3	426.9	355.2	391.3	411.0	485.1
	2018	474.7	357.3	372.6	366.9	396.1	469.7	475.7	470.6	471.8	429.8	403.8	403.0	474.7	475.7
	2019	402.2	362.5	381.8	390.3	458.8	486.4	484.7	492.9	469.2	431.3	376.0	353.3	403.8	492.9
	2020	414.8	389.6	385.3	409.6	421.6	490.7	489.8	487.6	484.9	428.0	352.1	349.1	414.8	490.7
Projected	2021	418.4	383.1	351.4	383.5	423.6	461.9	465.9	467.3	448.2	406.3	345.1	354.9	418.4	467.3
	2022	425.6	389.6	355.7	386.5	426.9	465.5	469.5	470.9	451.6	409.5	347.2	357.1	425.6	470.9
	2023	428.3	392.1	358.1	388.7	429.4	468.2	472.2	473.6	454.2	411.9	348.9	359.2	428.3	473.6
	2024	430.6	394.3	360.2	391.4	432.3	471.3	475.4	476.8	457.2	414.7	351.9	363.3	430.6	476.8
	2025	435.2	398.7	363.0	393.8	435.0	474.1	478.2	479.6	459.8	417.2	354.1	365.5	435.2	479.6
	2026	437.9	401.2	365.0	395.7	437.1	476.4	480.5	481.8	462.0	419.2	355.9	367.6	437.9	481.8
	2027	440.3	403.5	367.1	397.7	439.4	478.7	482.8	484.2	464.2	421.3	357.4	368.6	440.3	484.2
	2028	441.6	404.6	368.9	399.9	441.8	481.2	485.4	486.8	466.7	423.7	359.9	372.0	441.6	486.8
	2029	445.6	408.4	371.5	402.1	444.3	483.7	487.9	489.3	469.1	421.6	358.1	369.7	445.6	489.3
	2030	441.8	405.5	369.2	400.0	441.9	481.0	485.2	486.5	466.4	423.8	360.3	372.0	441.8	486.5
Projected	2031	444.2	407.7	371.3	402.1	444.3	483.6	487.8	489.1	468.9	426.1	361.8	372.7	444.2	489.1
	2032	445.6	408.8	373.2	404.6	447.0	486.4	490.7	492.0	471.6	428.7	364.5	376.2	445.6	492.0
	2033	449.5	412.6	376.0	407.1	449.8	489.3	493.6	494.9	474.4	431.4	366.8	378.5	449.5	494.9
	2034	452.4	415.2	378.5	409.7	452.6	492.3	496.6	497.9	477.3	434.1	369.2	380.9	452.4	497.9
	2035	455.1	417.7	381.0	412.3	455.5	495.3	499.7	501.0	480.3	424.7	361.7	370.9	455.1	501.0
	2036	443.1	407.0	372.8	403.4	445.1	484.2	488.3	489.3	469.4	427.4	364.4	374.3	443.1	489.3
	2037	446.9	410.6	375.4	405.5	447.4	486.5	490.7	491.7	471.7	410.8	350.3	357.1	446.9	491.7
	2038	425.5	391.1	359.8	390.3	429.5	467.0	470.7	471.2	452.6	412.9	352.3	359.0	425.5	471.2
	2039	427.7	393.2	361.9	392.4	431.9	469.4	473.2	473.7	455.0	415.2	354.1	360.0	427.7	473.7
	2040	429.0	394.2	363.7	394.7	434.4	472.0	475.8	476.3	457.5	417.6	356.5	363.6	429.0	476.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.3%	63.5%	64.0%	66.2%	67.1%	68.4%	69.9%	69.2%	68.9%	64.0%	65.9%	68.8%	55.0%	56.4%
	2012	54.5%	55.2%	69.6%	64.0%	65.8%	64.4%	69.3%	69.1%	68.4%	64.6%	64.7%	61.8%	63.7%	56.0%
	2013	64.1%	55.3%	54.4%	66.3%	64.8%	67.3%	68.1%	70.4%	67.0%	65.1%	63.9%	65.8%	63.3%	56.8%
	2014	56.4%	60.2%	64.6%	63.3%	65.4%	66.9%	67.2%	68.6%	63.6%	63.5%	53.8%	63.5%	59.1%	58.5%
	2015	60.8%	49.8%	67.1%	63.7%	65.7%	67.5%	68.5%	68.7%	66.8%	65.1%	64.2%	67.8%	57.8%	56.5%
	2016	54.3%	54.1%	62.6%	61.8%	65.3%	67.7%	70.1%	69.5%	68.6%	62.4%	65.6%	64.9%	62.8%	55.4%
	2017	55.7%	67.4%	59.3%	62.4%	63.8%	67.1%	69.2%	69.0%	58.4%	64.8%	63.9%	58.6%	65.2%	55.1%
	2018	53.4%	65.6%	58.8%	65.6%	66.4%	65.6%	67.7%	69.1%	68.9%	66.6%	60.0%	56.3%	57.0%	56.5%
	2019	57.0%	63.6%	59.7%	64.7%	65.1%	66.6%	67.7%	66.1%	66.4%	67.3%	60.7%	62.8%	67.5%	55.6%
	2020	54.9%	59.4%	63.1%	60.3%	62.5%	63.6%	67.6%	68.6%	65.2%	62.5%	64.0%	63.1%	64.9%	55.3%
Projected	2021	53.6%	56.9%	64.6%	64.0%	64.9%	65.6%	66.7%	66.8%	66.5%	65.7%	66.5%	63.0%	62.5%	55.8%
	2022	53.6%	56.8%	64.7%	64.1%	64.9%	65.6%	66.7%	66.7%	66.5%	65.6%	66.5%	63.1%	62.0%	55.9%
	2023	53.6%	56.7%	64.6%	64.1%	64.9%	65.5%	66.7%	66.8%	66.6%	65.7%	66.7%	63.2%	62.0%	55.9%
	2024	53.7%	56.3%	64.8%	64.2%	64.9%	65.6%	66.7%	66.7%	66.6%	65.7%	66.6%	63.0%	62.2%	56.1%
	2025	53.6%	56.7%	64.7%	64.3%	65.0%	65.6%	66.7%	66.7%	66.6%	65.7%	66.6%	63.0%	61.8%	56.0%
	2026	53.5%	56.6%	64.7%	64.3%	65.0%	65.6%	66.7%	66.7%	66.6%	65.7%	66.6%	63.0%	61.8%	56.1%
	2027	53.5%	56.6%	64.7%	64.3%	65.0%	65.6%	66.7%	66.7%	66.6%	65.6%	66.6%	63.1%	61.7%	56.1%
	2028	53.7%	56.2%	64.7%	64.2%	65.0%	65.6%	66.7%	66.7%	66.6%	65.6%	66.5%	62.9%	62.0%	56.2%
	2029	53.5%	56.5%	64.5%	64.2%	64.9%	65.6%	66.7%	66.7%	66.6%	65.6%	66.3%	62.8%	61.5%	56.1%
	2030	53.5%	56.5%	64.4%	64.1%	64.9%	65.6%	66.7%	66.7%	66.6%	65.6%	66.3%	62.8%	61.8%	56.0%
Avg.	2011-2020	56.5%	59.4%	62.3%	63.8%	65.2%	66.5%	68.5%	68.8%	66.2%	64.6%	62.7%	63.3%	61.6%	56.2%
	2021-2030	53.6%	56.6%	64.6%	64.2%	64.9%	65.6%	66.7%	66.7%	66.6%	65.6%	66.5%	63.0%	61.9%	56.0%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Mild Weather Case
FP&L Cities - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	500.8	365.5	374.8	458.0	465.0	519.7	523.8	534.8	472.2	443.3	385.4	340.4	544.4	534.8
	2012	469.7	440.5	381.5	430.4	470.5	487.5	527.2	502.8	475.1	467.8	343.0	349.1	469.7	527.2
	2013	321.0	423.2	425.0	423.2	466.1	515.3	478.7	524.0	503.5	465.1	408.2	370.8	425.0	524.0
	2014	384.4	331.5	304.0	378.9	404.1	424.2	452.6	452.1	412.6	392.8	322.8	308.9	384.4	452.1
	2015	319.7	456.4	333.9	368.4	434.7	444.3	450.7	438.2	446.2	397.9	390.9	340.3	456.4	444.3
	2016	383.2	384.8	358.7	388.2	394.5	457.4	484.9	474.4	425.5	365.9	333.5	328.8	390.9	484.9
	2017	306.6	323.4	344.6	406.6	447.4	440.6	461.4	467.3	446.0	418.5	323.3	338.7	344.6	467.3
	2018	446.1	325.5	329.8	336.6	378.2	452.3	441.9	464.7	454.6	422.7	364.8	331.2	446.1	464.7
	2019	334.6	333.8	336.9	376.5	427.8	470.0	468.5	438.7	459.7	404.2	374.7	304.6	364.8	470.0
	2020	372.6	340.9	355.3	382.9	406.7	475.6	466.8	468.6	464.9	410.3	323.9	307.9	355.3	475.6
Projected	2021	367.3	346.3	320.5	365.9	406.5	440.3	443.8	446.3	426.0	389.7	317.5	313.0	367.3	446.3
	2022	373.6	352.1	324.4	368.7	409.7	443.7	447.2	449.7	429.2	392.7	319.5	315.0	373.6	449.7
	2023	376.0	354.3	326.5	370.8	412.1	446.3	449.8	452.2	431.6	395.0	321.1	316.7	376.0	452.2
	2024	377.8	356.2	328.4	373.4	414.9	449.3	452.8	455.2	434.4	397.7	323.8	320.1	377.8	455.2
	2025	381.6	359.9	330.9	375.6	417.4	451.9	455.4	457.9	436.9	400.0	325.8	322.0	381.6	457.9
	2026	383.8	362.1	332.6	377.4	419.4	454.0	457.6	460.0	439.0	402.0	327.4	323.8	383.8	460.0
	2027	386.0	364.1	334.5	379.3	421.6	456.2	459.8	462.2	441.1	404.0	328.8	324.7	386.0	462.2
	2028	387.2	365.2	336.2	381.5	424.0	458.7	462.2	464.7	443.4	406.3	331.2	327.6	387.2	464.7
	2029	390.6	368.4	338.6	383.5	426.3	461.0	464.6	467.1	445.7	404.3	329.4	325.4	390.6	467.1
	2030	387.2	365.6	336.4	381.3	423.9	458.3	462.0	464.4	443.0	406.3	331.4	327.4	387.2	464.4
Projected	2031	389.3	367.6	338.3	383.4	426.2	460.7	464.4	466.8	445.3	408.6	332.8	328.1	389.3	466.8
	2032	390.5	368.7	340.1	385.7	428.8	463.4	467.2	469.6	448.0	411.1	335.3	331.1	390.5	469.6
	2033	393.9	372.0	342.6	388.1	431.5	466.2	469.9	472.4	450.6	413.6	337.4	333.2	393.9	472.4
	2034	396.3	374.4	344.9	390.6	434.2	469.0	472.8	475.2	453.3	416.2	339.6	335.2	396.3	475.2
	2035	398.7	376.7	347.2	393.1	436.9	471.9	475.7	478.2	456.1	407.2	332.4	326.2	398.7	478.2
	2036	387.1	366.5	339.5	384.3	426.7	461.0	464.7	467.0	445.8	409.8	334.9	329.1	387.1	467.0
	2037	390.3	369.6	341.8	386.3	428.8	463.2	466.9	469.3	448.0	394.0	322.2	314.1	390.3	469.3
	2038	368.5	351.9	328.2	371.4	411.4	443.9	447.9	449.9	429.7	396.1	324.0	315.7	368.5	449.9
	2039	370.4	353.7	330.1	373.4	413.6	446.2	450.3	452.2	431.9	398.2	325.7	316.6	370.4	452.2
	2040	371.6	354.8	331.8	375.6	416.0	448.7	452.8	454.7	434.3	400.5	327.9	319.7	371.6	454.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	96.9%	86.4%	91.0%	96.7%	93.2%	95.7%	95.1%	94.1%	90.2%	97.4%	95.2%	90.7%	94.7%	94.1%
	2012	96.3%	90.3%	95.5%	95.7%	94.1%	89.4%	95.4%	94.1%	92.7%	96.3%	88.0%	81.2%	96.3%	95.4%
	2013	78.0%	86.3%	88.5%	95.3%	97.4%	95.4%	91.2%	96.8%	95.8%	94.5%	93.7%	89.7%	86.6%	96.8%
	2014	86.1%	84.1%	86.9%	98.7%	96.6%	95.2%	96.1%	95.0%	90.1%	96.8%	78.8%	87.2%	86.1%	95.0%
	2015	83.3%	95.7%	93.7%	88.3%	99.3%	94.2%	93.3%	98.0%	97.3%	97.3%	94.8%	95.7%	95.7%	92.9%
	2016	87.6%	90.3%	94.6%	97.0%	91.4%	95.0%	96.6%	97.9%	93.8%	86.3%	96.8%	90.4%	89.3%	96.6%
	2017	74.6%	96.9%	88.7%	98.8%	98.0%	96.1%	96.1%	96.3%	96.7%	98.0%	91.0%	86.6%	83.8%	96.3%
	2018	94.0%	91.1%	88.5%	91.7%	95.5%	96.3%	92.9%	98.7%	96.4%	98.4%	90.3%	82.2%	94.0%	97.7%
	2019	83.2%	92.1%	88.2%	96.5%	93.2%	96.6%	96.7%	89.0%	98.0%	93.7%	99.6%	86.2%	90.3%	95.3%
	2020	89.8%	87.5%	92.2%	93.5%	96.5%	96.9%	95.3%	96.1%	95.9%	95.9%	92.0%	88.2%	85.7%	96.9%
Projected	2021	87.8%	90.4%	91.2%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.2%	87.8%	95.5%
	2022	87.8%	90.4%	91.2%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.2%	87.8%	95.5%
	2023	87.8%	90.4%	91.2%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.2%	87.8%	95.5%
	2024	87.7%	90.3%	91.2%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.1%	87.7%	95.5%
	2025	87.7%	90.3%	91.2%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.1%	87.7%	95.5%
	2026	87.7%	90.3%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.1%	87.7%	95.5%
	2027	87.7%	90.2%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.1%	87.7%	95.5%
	2028	87.7%	90.2%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.1%	87.7%	95.5%
	2029	87.7%	90.2%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.0%	87.7%	95.5%
	2030	87.6%	90.2%	91.1%	95.3%	95.9%	95.3%	95.2%	95.4%	95.0%	95.9%	92.0%	88.0%	87.6%	95.4%
	2011-2020	87.0%	90.1%	90.8%	95.2%	95.5%	95.1%	95.0%	95.1%	94.7%	95.5%	92.3%	87.7%	90.3%	95.7%
	2021-2030	87.7%	90.3%	91.2%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.1%	87.7%	95.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Mild Weather Case
Duke Energy Florida Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)		Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change
Year																
Historical	2011	1,930,773	-	1,862,167	-	-3.6%	416.1	-	400.8	-	-3.7%	407.5	-	381.7	-	-6.3%
	2012	1,820,328	-5.7%	1,841,720	-1.1%	1.2%	381.2	-8.4%	367.8	-8.2%	-3.5%	373.5	-8.3%	421.5	10.4%	12.9%
	2013	1,827,744	0.4%	1,842,068	0.0%	0.8%	342.2	-10.2%	345.3	-6.1%	0.9%	391.2	4.7%	401.1	-4.8%	2.5%
	2014	1,853,952	1.4%	1,858,357	0.9%	0.2%	371.1	8.5%	390.7	13.2%	5.3%	406.2	3.8%	407.7	1.6%	0.4%
	2015	1,900,777	2.5%	1,866,466	0.4%	-1.8%	407.3	9.7%	393.1	0.6%	-3.5%	419.3	3.2%	425.7	4.4%	1.5%
	2016	1,957,034	3.0%	1,909,678	2.3%	-2.4%	342.9	-15.8%	387.1	-1.5%	12.9%	428.8	2.3%	420.1	-1.3%	-2.0%
	2017	1,903,845	-2.7%	1,923,613	0.7%	1.0%	308.1	-10.2%	352.9	-8.8%	14.6%	423.5	-1.2%	441.7	5.1%	4.3%
	2018	1,959,853	2.9%	1,914,159	-0.5%	-2.3%	440.7	43.0%	433.4	22.8%	-1.7%	424.2	0.2%	421.4	-4.6%	-0.7%
	2019	2,001,879	2.1%	1,935,442	1.1%	-3.3%	324.2	-26.4%	413.4	-4.6%	27.5%	449.9	6.1%	442.5	5.0%	-1.6%
	2020	2,022,399	1.0%	2,028,796	4.8%	0.3%	365.5	12.7%	409.9	-0.9%	12.2%	445.3	-1.0%	442.0	-0.1%	-0.7%
Projected	2021	1,967,284	-2.7%	1,967,284	-3.0%		385.1	5.4%	385.1	-6.0%		425.2	-4.5%	425.2	-3.8%	
	2022			1,993,269	1.3%				391.0	1.5%				430.8	1.3%	
	2023			2,015,657	1.1%				395.9	1.3%				434.8	0.9%	
	2024			2,039,476	1.2%				401.7	1.5%				437.9	0.7%	
	2025			2,046,696	0.4%				402.4	0.2%				440.8	0.7%	
	2026			2,060,623	0.7%				405.2	0.7%				443.7	0.7%	
	2027			2,074,972	0.7%				408.0	0.7%				446.9	0.7%	
	2028			2,095,825	1.0%				413.0	1.2%				450.0	0.7%	
	2029			2,104,879	0.4%				414.0	0.2%				453.6	0.8%	
	2030			2,122,739	0.8%				417.4	0.8%				457.5	0.9%	
	2031			2,141,612	0.9%				421.2	0.9%				461.5	0.9%	
	2032			2,168,141	1.2%				427.2	1.4%				465.5	0.9%	
	2033			2,179,392	0.5%				428.6	0.3%				469.6	0.9%	
	2034			2,198,557	0.9%				432.4	0.9%				473.7	0.9%	
	2035			2,217,471	0.9%				436.0	0.8%				477.8	0.9%	
	2036			2,245,057	1.2%				442.4	1.4%				481.9	0.9%	
	2037			2,255,547	0.5%				443.6	0.3%				485.8	0.8%	
	2038			2,274,074	0.8%				447.2	0.8%				489.9	0.8%	
	2039			2,293,398	0.8%				451.0	0.9%				494.0	0.8%	
	2040			2,320,949	1.2%				457.3	1.4%				498.1	0.8%	
CAGR ^[3]	2011-2020		0.5%		1.0%			-1.4%		0.3%			1.0%		1.6%	
	2021-2030				0.8%					0.9%					0.8%	
	2031-2040				0.9%					0.9%					0.9%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Mild Weather Case
Duke Energy Florida Cities - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,930,773	-	1,930,773	-	420.5	416.2	420.5	416.2	416.1	407.5	416.1	410.6
	2012	1,820,328	-5.7%	1,820,328	-5.7%	385.4	391.7	385.4	391.7	381.2	373.5	381.2	385.4
	2013	1,827,744	0.4%	1,827,744	0.4%	346.7	402.4	346.7	402.4	342.2	391.2	342.3	391.2
	2014	1,853,952	1.4%	1,853,952	1.4%	374.8	413.9	374.8	413.9	371.1	406.2	371.1	406.2
	2015	1,900,777	2.5%	1,902,497	2.6%	407.5	422.7	408.2	423.0	407.3	419.3	407.6	419.6
	2016	1,957,034	3.0%	1,957,621	2.9%	379.2	435.4	379.2	435.4	342.9	428.8	375.9	428.8
	2017	1,903,845	-2.7%	1,903,845	-2.7%	344.8	429.5	344.8	429.5	308.1	423.5	340.7	423.5
	2018	1,959,853	2.9%	1,959,853	2.9%	446.6	426.6	446.6	426.6	440.7	424.2	440.7	424.2
	2019	2,001,879	2.1%	2,001,879	2.1%	366.3	450.2	366.3	450.2	324.2	449.9	349.1	449.9
	2020	2,022,399	1.0%	1,940,443	-3.1%	380.9	453.3	391.9	422.7	365.5	445.3	387.7	416.2
Projected	2021	1,967,284	-2.7%	1,946,001	0.3%	389.0	431.6	393.7	425.9	385.1	425.2	389.5	419.4
	2022	1,993,269	1.3%	1,963,217	0.9%	395.0	437.2	397.1	429.6	391.0	430.8	392.9	423.0
	2023	2,015,657	1.1%	1,978,626	0.8%	399.9	441.3	400.4	432.9	395.9	434.8	396.1	426.2
	2024	2,039,476	1.2%	2,000,178	1.1%	405.8	444.5	405.4	436.0	401.7	437.9	401.1	429.3
	2025	2,046,696	0.4%	2,007,420	0.4%	406.5	447.5	406.2	439.1	402.4	440.8	401.9	432.3
	2026	2,060,623	0.7%	2,021,526	0.7%	409.3	450.4	409.1	442.1	405.2	443.7	404.8	435.3
	2027	2,074,972	0.7%	2,035,089	0.7%	412.2	453.6	411.9	445.1	408.0	446.9	407.5	438.2
	2028	2,095,825	1.0%	2,052,689	0.9%	417.2	456.4	416.1	447.2	413.0	450.0	411.9	440.5
	2029	2,104,879	0.4%	2,057,662	0.2%	418.2	460.0	416.5	449.8	414.0	453.6	412.2	443.1
	2030	2,122,739	0.8%	2,070,155	0.6%	421.6	464.0	418.9	452.6	417.4	457.5	414.7	445.9
	2031	2,141,612	0.9%	2,083,872	0.7%	425.4	468.0	421.7	455.6	421.2	461.5	417.4	448.8
	2032	2,168,141	1.2%	2,104,989	1.0%	431.4	472.0	426.7	458.6	427.2	465.5	422.3	451.7
	2033	2,179,392	0.5%	2,111,113	0.3%	432.7	476.1	427.2	461.5	428.6	469.6	422.9	454.7
	2034	2,198,557	0.9%	2,124,230	0.6%	436.5	480.2	430.0	464.3	432.4	473.7	425.6	457.4
	2035	2,217,471	0.9%	2,136,755	0.6%	440.2	484.3	432.5	467.0	436.0	477.8	428.0	460.1
	2036	2,245,057	1.2%	2,157,294	1.0%	446.6	488.5	437.4	469.8	442.4	481.9	432.9	462.8
	2037	2,255,547	0.5%	2,161,613	0.2%	447.9	492.5	437.6	472.3	443.6	485.8	433.1	465.3
	2038	2,274,074	0.8%	2,173,468	0.5%	451.5	496.6	439.9	475.0	447.2	489.9	435.4	467.9
	2039	2,293,398	0.8%	2,185,958	0.6%	455.3	500.8	442.5	477.7	451.0	494.0	437.9	470.6
	2040	2,320,949	1.2%			461.7	505.0			457.3	498.1		
CAGR ^[1]	Historical		0.5%		0.5%	-1.1%	1.0%	-1.7%	1.0%	-0.5%	2.2%	-1.2%	2.2%
	1st 10 Prj Yrs		0.8%		0.7%	0.9%	0.8%	0.7%	0.7%	0.9%	0.8%	0.7%	0.7%
	2nd 10 Prj Yrs		0.9%		0.6%	0.9%	0.8%	0.6%	0.6%	0.9%	0.9%	0.6%	0.6%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Mild Weather Case
Duke Energy Florida Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,930,773	-	1,862,167	-	-3.6%	416.1	-	400.8	-	-3.7%	407.5	-	381.7	-	-6.3%
	2012	1,820,328	-5.7%	1,841,720	-1.1%	1.2%	381.2	-8.4%	367.8	-8.2%	-3.5%	373.5	-8.3%	421.5	10.4%	12.9%
	2013	1,827,744	0.4%	1,842,068	0.0%	0.8%	342.2	-10.2%	345.3	-6.1%	0.9%	391.2	4.7%	401.1	-4.8%	2.5%
	2014	1,853,952	1.4%	1,858,357	0.9%	0.2%	371.1	8.5%	390.7	13.2%	5.3%	406.2	3.8%	407.7	1.6%	0.4%
	2015	1,902,497	2.6%	1,866,466	0.4%	-1.9%	407.6	9.8%	393.1	0.6%	-3.5%	419.6	3.3%	425.7	4.4%	1.4%
	2016	1,959,340	3.0%	1,909,678	2.3%	-2.5%	343.2	-15.8%	387.1	-1.5%	12.8%	429.1	2.3%	420.1	-1.3%	-2.1%
	2017	1,904,433	-2.8%	1,923,613	0.7%	1.0%	308.1	-10.2%	352.9	-8.8%	14.6%	423.5	-1.3%	441.7	5.1%	4.3%
	2018	1,959,853	2.9%	1,914,159	-0.5%	-2.3%	440.7	43.0%	433.4	22.8%	-1.7%	424.2	0.2%	421.4	-4.6%	-0.7%
	2019	2,001,879	2.1%	1,935,442	1.1%	-3.3%	324.2	-26.4%	413.4	-4.6%	27.5%	449.9	6.1%	442.5	5.0%	-1.6%
	2020	2,022,399	1.0%	2,006,848	3.7%	-0.8%	365.5	12.7%	409.9	-0.9%	12.2%	445.3	-1.0%	442.0	-0.1%	-0.7%
Projected	2021	1,963,369	-2.9%	1,963,369	-2.2%		385.1	5.4%	385.1	-6.0%		424.3	-4.7%	424.3	-4.0%	
	2022			1,987,922	1.3%				391.0	1.5%				429.5	1.2%	
	2023			2,008,870	1.1%				395.9	1.3%				433.2	0.9%	
	2024			2,031,068	1.1%				401.7	1.5%				435.9	0.6%	
	2025			2,036,538	0.3%				402.4	0.2%				438.4	0.6%	
	2026			2,048,064	0.6%				405.2	0.7%				440.7	0.5%	
	2027			2,059,807	0.6%				408.0	0.7%				443.2	0.6%	
	2028			2,077,875	0.9%				413.0	1.2%				445.7	0.6%	
	2029			2,084,054	0.3%				414.0	0.2%				448.6	0.7%	
	2030			2,098,890	0.7%				417.4	0.8%				451.8	0.7%	
	2031			2,115,753	0.8%				421.2	0.9%				455.4	0.8%	
	2032			2,140,175	1.2%				427.2	1.4%				458.9	0.8%	
	2033			2,149,363	0.4%				428.6	0.3%				462.5	0.8%	
	2034			2,166,454	0.8%				432.4	0.9%				466.0	0.8%	
	2035			2,183,185	0.8%				436.0	0.8%				469.6	0.8%	
	2036			2,208,380	1.2%				442.4	1.4%				473.2	0.8%	
	2037			2,216,464	0.4%				443.6	0.3%				476.5	0.7%	
	2038			2,232,512	0.7%				447.2	0.8%				480.0	0.7%	
	2039			2,249,203	0.7%				451.0	0.9%				483.5	0.7%	
	2040			2,273,995	1.1%				457.3	1.4%				487.0	0.7%	
CAGR ^[3]	2011-2020		0.5%		0.8%			-1.4%		0.3%			1.0%		1.6%	
	2021-2030				0.7%					0.9%					0.7%	
	2031-2040				0.8%					0.9%					0.7%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Mild Weather Case
Duke Energy Florida Cities - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	152,375	126,194	131,429	147,730	169,503	183,822	188,565	201,342	175,698	137,798	125,307	132,269	1,872,030	1,930,773
	2012	142,196	125,894	139,027	142,877	169,382	164,976	186,229	183,698	170,677	152,038	126,540	137,410	1,840,943	1,820,328
	2013	135,758	126,422	136,897	141,458	156,355	174,618	175,873	189,899	174,475	153,896	127,773	135,566	1,828,991	1,827,744
	2014	161,655	125,071	129,480	138,377	163,443	171,918	185,775	193,339	167,658	149,219	131,467	140,713	1,858,115	1,853,952
	2015	146,342	135,477	142,180	151,137	172,147	185,413	185,670	190,005	172,729	152,030	142,943	140,517	1,916,589	1,902,497
	2016	149,700	135,337	138,366	142,125	169,913	194,799	209,266	201,242	183,103	155,850	130,461	137,293	1,947,454	1,959,340
	2017	140,507	120,973	139,593	150,249	177,053	177,153	195,682	204,773	174,846	165,369	130,142	142,869	1,919,208	1,904,433
	2018	173,303	128,560	135,746	138,814	165,178	187,216	190,961	204,433	197,264	173,536	140,929	143,251	1,979,190	1,959,853
	2019	153,631	126,816	137,941	147,472	189,981	194,216	199,139	203,190	191,778	179,040	136,669	140,608	2,000,480	2,001,879
	2020	148,602	137,502	158,270	150,056	171,213	194,624	206,781	208,763	190,271	165,379	139,696	143,926	2,015,084	2,022,399
Projected	2021	146,851	131,169	147,504	149,454	179,159	185,848	194,602	199,509	180,272	165,500	141,684	145,802	1,967,354	1,963,369
	2022	148,913	133,441	150,150	151,012	181,894	187,862	197,111	202,165	182,386	167,682	143,571	147,705	1,993,893	1,987,922
	2023	150,582	135,078	151,763	152,619	183,804	189,489	198,811	203,894	183,874	169,064	144,840	148,957	2,012,773	2,008,870
	2024	151,840	143,600	152,908	153,816	185,130	190,686	200,085	205,155	184,988	170,215	145,831	150,002	2,034,255	2,031,068
	2025	152,865	137,170	153,885	154,802	186,319	191,784	201,245	206,352	186,068	171,198	146,687	150,959	2,039,335	2,036,538
	2026	153,804	138,033	154,741	155,676	187,380	192,795	202,299	207,446	187,047	172,131	147,481	151,884	2,050,716	2,048,064
	2027	154,739	138,892	155,598	156,563	188,482	193,864	203,435	208,627	188,110	172,949	148,148	152,686	2,062,094	2,059,807
	2028	155,555	147,226	156,335	157,336	189,484	194,857	204,486	209,734	189,080	174,051	149,079	153,768	2,080,989	2,077,875
	2029	156,663	140,654	157,339	158,373	190,772	196,122	205,814	211,109	190,310	175,214	150,059	154,902	2,087,332	2,084,054
	2030	157,824	141,717	158,418	159,487	192,158	197,503	207,280	212,640	191,687	176,625	151,263	156,227	2,102,828	2,098,890
Projected	2031	159,163	142,919	159,673	160,758	193,709	199,051	208,897	214,301	193,168	178,006	152,427	157,502	2,119,574	2,115,753
	2032	160,462	151,915	160,903	162,009	195,242	200,587	210,509	215,961	194,653	179,399	153,610	158,803	2,144,053	2,140,175
	2033	161,787	145,292	162,162	163,293	196,817	202,167	212,172	217,681	196,180	180,841	154,834	160,143	2,153,369	2,149,363
	2034	163,146	146,515	163,441	164,589	198,392	203,736	213,809	219,357	197,651	182,208	155,986	161,412	2,170,242	2,166,454
	2035	164,441	147,692	164,673	165,848	199,942	205,293	215,451	221,060	199,178	183,640	157,203	162,761	2,187,182	2,183,185
	2036	165,808	157,005	165,947	167,140	201,517	206,859	217,088	222,740	200,672	185,030	158,369	164,049	2,212,224	2,208,380
	2037	167,110	150,094	167,147	168,356	202,999	208,324	218,615	224,306	202,063	186,336	159,466	165,268	2,220,085	2,216,464
	2038	168,356	151,228	168,320	169,560	204,486	209,818	220,195	225,948	203,531	187,714	160,630	166,579	2,236,366	2,232,512
	2039	169,691	152,428	169,550	170,812	206,024	211,354	221,806	227,609	205,006	189,098	161,789	167,878	2,253,044	2,249,203
	2040	171,012	161,952	170,761	172,043	207,536	212,860	223,384	229,233	206,449	190,454	162,924	169,152	2,277,761	2,273,995

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.1%	6.7%	7.0%	7.9%	9.1%	9.8%	10.1%	10.8%	9.4%	7.4%	6.7%	7.1%	100.0%
	2012	7.7%	6.8%	7.6%	7.8%	9.2%	9.0%	10.1%	10.0%	9.3%	8.3%	6.9%	7.5%	100.0%
	2013	7.4%	6.9%	7.5%	7.7%	8.5%	9.5%	9.6%	10.4%	9.5%	8.4%	7.0%	7.4%	100.0%
	2014	8.7%	6.7%	7.0%	7.4%	8.8%	9.3%	10.0%	10.4%	9.0%	8.0%	7.1%	7.6%	100.0%
	2015	7.6%	7.1%	7.4%	7.9%	9.0%	9.7%	9.7%	9.9%	9.0%	7.9%	7.5%	7.3%	100.0%
	2016	7.7%	6.9%	7.1%	7.3%	8.7%	10.0%	10.7%	10.3%	9.4%	8.0%	6.7%	7.0%	100.0%
	2017	7.3%	6.3%	7.3%	7.8%	9.2%	9.2%	10.2%	10.7%	9.1%	8.6%	6.8%	7.4%	100.0%
	2018	8.8%	6.5%	6.9%	7.0%	8.3%	9.5%	9.6%	10.3%	10.0%	8.8%	7.1%	7.2%	100.0%
	2019	7.7%	6.3%	6.9%	7.4%	9.5%	9.7%	10.0%	10.2%	9.6%	8.9%	6.8%	7.0%	100.0%
	2020	7.4%	6.8%	7.9%	7.4%	8.5%	9.7%	10.3%	10.4%	9.4%	8.2%	6.9%	7.1%	100.0%
Projected	2021	7.5%	6.7%	7.5%	7.6%	9.1%	9.4%	9.9%	10.1%	9.2%	8.4%	7.2%	7.4%	100.0%
	2022	7.5%	6.7%	7.5%	7.6%	9.1%	9.4%	9.9%	10.1%	9.1%	8.4%	7.2%	7.4%	100.0%
	2023	7.5%	6.7%	7.5%	7.6%	9.1%	9.4%	9.9%	10.1%	9.1%	8.4%	7.2%	7.4%	100.0%
	2024	7.5%	7.1%	7.5%	7.6%	9.1%	9.4%	9.8%	10.1%	9.1%	8.4%	7.2%	7.4%	100.0%
	2025	7.5%	6.7%	7.5%	7.6%	9.1%	9.4%	9.9%	10.1%	9.1%	8.4%	7.2%	7.4%	100.0%
	2026	7.5%	6.7%	7.5%	7.6%	9.1%	9.4%	9.9%	10.1%	9.1%	8.4%	7.2%	7.4%	100.0%
	2027	7.5%	6.7%	7.5%	7.6%	9.1%	9.4%	9.9%	10.1%	9.1%	8.4%	7.2%	7.4%	100.0%
	2028	7.5%	7.1%	7.5%	7.6%	9.1%	9.4%	9.8%	10.1%	9.1%	8.4%	7.2%	7.4%	100.0%
	2029	7.5%	6.7%	7.5%	7.6%	9.1%	9.4%	9.9%	10.1%	9.1%	8.4%	7.2%	7.4%	100.0%
	2030	7.5%	6.7%	7.5%	7.6%	9.1%	9.4%	9.9%	10.1%	9.1%	8.4%	7.2%	7.4%	100.0%
Avg.	2011-2020	7.8%	6.7%	7.2%	7.6%	8.9%	9.5%	10.0%	10.3%	9.4%	8.3%	6.9%	7.3%	100.0%
	2021-2030	7.5%	6.8%	7.5%	7.6%	9.1%	9.4%	9.9%	10.1%	9.1%	8.4%	7.2%	7.4%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
 Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
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FMPA 2021 Load Forecast - Mild Weather Case
Duke Energy Florida Cities - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	403.3	334.3	261.1	356.0	380.1	415.7	403.6	416.2	376.6	307.4	267.9	266.6	420.5	416.2
	2012	385.4	369.1	287.6	329.8	367.7	383.7	391.7	391.4	380.7	346.5	277.1	289.2	385.4	391.7
	2013	288.9	344.0	346.7	315.0	346.3	389.5	387.3	402.4	388.4	339.6	283.2	281.1	346.7	402.4
	2014	374.8	325.7	261.6	341.9	364.5	383.8	395.6	413.9	394.8	346.7	335.6	306.2	374.8	413.9
	2015	343.1	408.2	296.5	328.9	381.3	423.0	396.0	415.0	389.6	343.8	346.5	281.3	408.2	423.0
	2016	379.5	370.8	302.9	347.8	380.5	422.9	435.7	426.9	390.5	344.9	288.0	279.3	379.5	435.7
	2017	344.8	284.1	312.7	380.6	397.9	409.6	419.1	429.5	401.3	390.5	285.0	347.1	344.8	429.5
	2018	446.6	308.7	285.5	300.4	368.6	413.9	412.1	426.6	424.1	400.4	331.8	343.4	446.6	426.6
	2019	366.3	306.2	311.2	346.2	437.2	450.2	436.0	428.3	431.6	391.4	331.5	302.7	366.3	450.2
	2020	380.9	314.7	366.8	354.2	412.7	453.3	444.4	446.8	442.1	386.0	315.0	294.7	380.9	453.3
Projected	2021	389.0	354.1	309.7	342.2	391.4	420.7	413.6	430.7	406.2	366.4	319.7	299.2	389.0	430.7
	2022	395.0	359.5	314.4	346.5	396.4	425.9	418.7	436.0	411.1	371.0	323.7	302.9	395.0	436.0
	2023	399.9	364.0	318.4	349.5	399.9	429.5	422.2	439.7	414.6	374.3	328.5	307.3	399.9	439.7
	2024	405.8	369.3	323.0	351.8	402.5	432.2	424.9	442.5	417.2	376.8	329.0	307.9	405.8	442.5
	2025	406.5	370.0	323.6	354.0	405.1	434.7	427.3	445.1	419.6	379.0	331.3	310.0	406.5	445.1
	2026	409.3	372.6	325.9	356.1	407.4	437.0	429.6	447.4	421.8	381.2	333.5	312.2	409.3	447.4
	2027	412.2	375.1	328.2	358.3	410.0	439.5	432.0	450.0	424.2	383.3	337.6	315.9	412.2	450.0
	2028	417.2	379.8	332.1	360.4	412.5	441.8	434.4	452.1	426.5	385.9	338.3	316.7	417.2	452.1
	2029	418.2	380.6	332.9	363.0	415.5	444.7	437.2	455.1	429.3	388.6	341.1	319.3	418.2	455.1
	2030	421.6	383.8	335.7	365.8	418.8	447.8	440.3	458.3	432.3	391.8	344.2	322.2	421.6	458.3
Projected	2031	425.4	387.2	338.7	368.8	422.2	451.2	443.6	461.8	435.7	395.0	349.2	326.8	425.4	461.8
	2032	431.4	392.8	343.6	371.8	425.7	454.6	447.0	465.3	439.0	398.2	350.2	327.8	431.4	465.3
	2033	432.7	394.0	344.7	374.9	429.2	458.2	450.4	469.0	442.3	401.5	353.3	330.7	432.7	469.0
	2034	436.5	397.5	347.8	377.9	432.7	461.6	453.9	472.5	445.7	404.7	356.3	333.5	436.5	472.5
	2035	440.2	400.9	350.7	381.0	436.3	465.2	457.4	476.2	449.1	408.0	361.5	338.4	440.2	476.2
	2036	446.6	406.7	355.8	384.0	439.8	468.7	460.8	479.8	452.5	411.3	362.5	339.3	446.6	479.8
	2037	447.9	407.9	356.8	386.9	443.1	472.1	464.1	483.2	455.7	414.4	365.4	342.0	447.9	483.2
	2038	451.5	411.1	359.7	389.8	446.5	475.5	467.4	486.7	459.0	417.5	368.5	344.9	451.5	486.7
	2039	455.3	414.6	362.8	392.9	450.0	478.9	470.8	490.3	462.3	420.8	373.7	349.7	455.3	490.3
	2040	461.7	420.5	367.8	395.8	453.5	482.4	474.2	493.8	465.6	424.0	377.8	353.6	461.7	493.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.8%	56.2%	67.7%	57.6%	59.9%	61.4%	62.8%	65.0%	64.8%	60.3%	65.0%	66.7%	50.8%	53.0%
	2012	49.6%	49.0%	65.0%	60.2%	61.9%	59.7%	63.9%	63.1%	62.3%	59.0%	63.4%	63.9%	54.5%	53.0%
	2013	63.2%	54.7%	53.1%	62.4%	60.7%	62.3%	61.0%	63.4%	62.4%	60.9%	62.7%	64.8%	60.2%	51.9%
	2014	58.0%	57.1%	66.5%	56.2%	60.3%	62.2%	63.1%	62.8%	59.0%	57.9%	54.4%	61.8%	56.6%	51.1%
	2015	57.3%	49.4%	64.4%	63.8%	60.7%	60.9%	63.0%	61.5%	61.6%	59.4%	57.3%	67.1%	53.6%	51.3%
	2016	53.0%	52.4%	61.4%	56.8%	60.0%	64.0%	64.6%	63.4%	65.1%	60.7%	62.9%	66.1%	58.6%	51.3%
	2017	54.8%	63.4%	60.0%	54.8%	59.8%	60.1%	62.8%	64.1%	60.5%	56.9%	63.4%	55.3%	63.5%	50.6%
	2018	52.2%	62.0%	63.9%	64.2%	60.2%	62.8%	62.3%	64.4%	64.6%	58.3%	59.0%	56.1%	50.6%	52.4%
	2019	56.4%	61.6%	59.6%	59.2%	58.4%	59.9%	61.4%	63.8%	61.7%	61.5%	57.3%	62.4%	62.3%	50.8%
	2020	52.4%	62.8%	58.0%	58.8%	55.8%	59.6%	62.5%	62.8%	59.8%	57.6%	61.6%	65.6%	60.4%	50.8%
Projected	2021	50.7%	55.1%	64.0%	60.7%	61.5%	61.3%	63.2%	62.3%	61.6%	60.7%	61.5%	65.5%	57.7%	52.0%
	2022	50.7%	55.2%	64.2%	60.5%	61.7%	61.3%	63.3%	62.3%	61.6%	60.7%	61.6%	65.5%	57.6%	52.1%
	2023	50.6%	55.2%	64.1%	60.6%	61.8%	61.3%	63.3%	62.3%	61.6%	60.7%	61.2%	65.1%	57.5%	52.2%
	2024	50.3%	55.9%	63.6%	60.7%	61.8%	61.3%	63.3%	62.3%	61.6%	60.7%	61.6%	65.5%	57.2%	52.4%
	2025	50.5%	55.2%	63.9%	60.7%	61.8%	61.3%	63.3%	62.3%	61.6%	60.7%	61.5%	65.4%	57.3%	52.2%
	2026	50.5%	55.1%	63.8%	60.7%	61.8%	61.3%	63.3%	62.3%	61.6%	60.7%	61.4%	65.4%	57.2%	52.3%
	2027	50.5%	55.1%	63.7%	60.7%	61.8%	61.3%	63.3%	62.3%	61.6%	60.6%	60.9%	65.0%	57.1%	52.3%
	2028	50.1%	55.7%	63.3%	60.6%	61.7%	61.3%	63.3%	62.3%	61.6%	60.6%	61.2%	65.3%	56.9%	52.5%
	2029	50.4%	55.0%	63.5%	60.6%	61.7%	61.3%	63.3%	62.4%	61.6%	60.6%	61.1%	65.2%	57.0%	52.3%
	2030	50.3%	55.0%	63.4%	60.6%	61.7%	61.3%	63.3%	62.4%	61.6%	60.6%	61.0%	65.2%	56.9%	52.3%
Avg.	2011-2020	54.8%	56.9%	62.0%	59.4%	59.8%	61.3%	62.7%	63.4%	62.2%	59.2%	60.7%	63.0%	57.1%	51.6%
	2021-2030	50.5%	55.2%	63.8%	60.6%	61.7%	61.3%	63.3%	62.3%	61.6%	60.7%	61.3%	65.3%	57.2%	52.2%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

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FMPA 2021 Load Forecast - Mild Weather Case
Duke Energy Florida Cities - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	401.6	333.5	226.8	342.8	371.8	410.6	391.9	407.5	370.5	304.0	258.2	234.1	416.1	407.5
	2012	381.2	368.7	278.6	313.0	345.0	368.2	373.5	385.4	377.9	341.7	227.0	288.9	381.2	373.5
	2013	285.3	342.3	342.2	299.4	332.8	362.9	379.0	391.2	375.9	333.9	265.3	243.1	342.2	391.2
	2014	371.1	325.5	209.1	340.6	356.6	377.0	377.7	406.2	389.8	342.2	330.7	303.1	371.1	406.2
	2015	342.6	407.6	288.1	320.9	376.9	419.6	387.0	406.6	372.9	342.3	343.2	273.8	407.6	419.6
	2016	376.2	370.4	302.5	347.5	371.8	415.8	429.1	424.4	378.1	325.0	285.2	268.6	343.2	429.1
	2017	340.7	280.3	308.1	379.9	386.5	405.4	414.4	423.5	379.1	390.1	283.4	346.9	308.1	423.5
	2018	440.7	305.5	273.2	289.4	361.7	380.5	405.0	424.2	412.0	397.0	324.2	343.1	440.7	424.2
	2019	349.1	303.2	296.3	345.9	436.8	449.9	430.8	418.3	430.5	372.5	327.2	246.9	324.2	449.9
	2020	380.9	293.6	365.5	342.5	400.0	445.3	412.9	441.0	437.5	378.3	303.2	278.5	365.5	445.3
Projected	2021	385.1	350.2	295.1	334.5	381.7	411.4	402.1	424.3	397.5	359.0	307.8	282.7	385.1	424.3
	2022	391.0	355.6	299.6	338.7	386.5	416.4	407.0	429.5	402.4	363.6	311.6	286.2	391.0	429.5
	2023	395.9	360.0	303.4	341.7	389.9	419.9	410.5	433.2	405.8	366.8	316.2	290.4	395.9	433.2
	2024	401.7	365.3	307.8	344.0	392.5	422.5	413.0	435.9	408.3	369.2	316.7	290.9	401.7	435.9
	2025	402.4	366.0	308.4	346.1	395.0	425.0	415.4	438.4	410.6	371.4	318.9	292.9	402.4	438.4
	2026	405.2	368.5	310.6	348.1	397.3	427.2	417.6	440.7	412.8	373.5	321.1	295.0	405.2	440.7
	2027	408.0	371.1	312.7	350.3	399.8	429.6	419.9	443.2	415.1	375.5	325.0	298.5	408.0	443.2
	2028	413.0	375.6	316.5	352.3	402.2	431.9	422.2	445.7	417.3	378.1	325.7	299.2	413.0	445.7
	2029	414.0	376.5	317.2	354.8	405.1	434.7	424.9	448.6	420.0	380.8	328.4	301.6	414.0	448.6
	2030	417.4	379.6	319.9	357.6	408.3	437.8	427.9	451.8	423.0	383.9	331.3	304.4	417.4	451.8
Projected	2031	421.2	383.0	322.8	360.5	411.7	441.2	431.2	455.4	426.3	387.0	336.1	308.7	421.2	455.4
	2032	427.2	388.5	327.4	363.4	415.0	444.6	434.6	458.9	429.5	390.2	337.1	309.7	427.2	458.9
	2033	428.6	389.7	328.4	366.4	418.5	448.2	438.0	462.5	432.9	393.4	340.1	312.5	428.6	462.5
	2034	432.4	393.2	331.4	369.4	421.9	451.6	441.3	466.0	436.2	396.5	343.0	315.1	432.4	466.0
	2035	436.0	396.5	334.2	372.4	425.4	455.1	444.7	469.6	439.5	399.7	348.0	319.7	436.0	469.6
	2036	442.4	402.3	339.0	375.3	428.8	458.5	448.1	473.2	442.8	402.9	348.9	320.6	442.4	473.2
	2037	443.6	403.4	340.0	378.1	432.0	461.7	451.2	476.5	445.9	406.0	351.7	323.1	443.6	476.5
	2038	447.2	406.7	342.8	381.0	435.4	465.0	454.5	480.0	449.1	409.1	354.7	325.9	447.2	480.0
	2039	451.0	410.1	345.7	384.0	438.8	468.4	457.8	483.5	452.3	412.2	359.7	330.4	451.0	483.5
	2040	457.3	415.9	350.6	386.9	442.1	471.7	461.0	487.0	455.5	415.4	363.7	334.1	457.3	487.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.6%	99.8%	86.9%	96.3%	97.8%	98.8%	97.1%	97.9%	98.4%	98.9%	96.4%	87.8%	99.0%	97.9%
	2012	98.9%	99.9%	96.9%	94.9%	93.8%	96.0%	95.3%	98.5%	99.3%	98.6%	81.9%	99.9%	98.9%	95.3%
	2013	98.7%	99.5%	98.7%	95.1%	96.1%	93.2%	97.8%	97.2%	96.8%	98.3%	93.7%	86.5%	98.7%	97.2%
	2014	99.0%	99.9%	80.0%	99.6%	97.8%	98.2%	95.5%	98.1%	98.7%	98.7%	98.5%	99.0%	99.0%	98.1%
	2015	99.9%	99.8%	97.2%	97.6%	98.9%	99.2%	97.7%	98.0%	95.7%	99.6%	99.0%	97.3%	99.8%	99.2%
	2016	99.1%	99.9%	99.9%	99.9%	97.7%	98.3%	98.5%	99.4%	96.8%	94.2%	99.0%	96.2%	90.4%	98.5%
	2017	98.8%	98.7%	98.5%	99.8%	97.1%	99.0%	98.9%	98.6%	94.5%	99.9%	99.4%	100.0%	89.4%	98.6%
	2018	98.7%	98.9%	95.7%	96.3%	98.1%	91.9%	98.3%	99.4%	97.1%	99.1%	97.7%	99.9%	98.7%	99.4%
	2019	95.3%	98.0%	95.2%	99.9%	99.9%	99.9%	98.8%	97.7%	99.7%	95.2%	98.7%	81.6%	88.5%	99.9%
	2020	100.0%	93.3%	99.6%	96.7%	96.9%	98.2%	92.9%	98.7%	99.0%	98.0%	96.3%	94.5%	96.0%	98.2%
Projected	2021	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2022	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2023	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2024	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2025	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2026	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2027	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%
	2028	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.6%	97.8%	98.0%	96.3%	94.5%	99.0%	98.6%
	2029	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.6%	97.8%	98.0%	96.3%	94.5%	99.0%	98.6%
	2030	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.6%	97.8%	98.0%	96.3%	94.5%	99.0%	98.6%
	2011-2020	98.8%	98.9%	94.8%	97.6%	97.4%	97.3%	97.1%	98.3%	97.6%	98.1%	96.1%	94.3%	95.8%	98.2%
	2021-2030	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.3%	94.5%	99.0%	98.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Severe Weather Case
Total Agency - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	6,147,277	-	5,975,503	-	-2.8%	1,258.3	-	1,184.1	-	-5.9%	1,258.2	-	1,200.2	-	-4.6%
	2012	5,914,360	-3.8%	6,010,714	0.6%	1.6%	1,096.7	-12.8%	1,056.6	-10.8%	-3.7%	1,203.3	-4.4%	1,300.0	8.3%	8.0%
	2013	5,914,988	0.0%	5,990,932	-0.3%	1.3%	1,009.9	-7.9%	984.6	-6.8%	-2.5%	1,222.0	1.6%	1,259.6	-3.1%	3.1%
	2014	5,733,592	-3.1%	5,702,238	-4.8%	-0.5%	996.9	-1.3%	1,077.1	9.4%	8.0%	1,185.1	-3.0%	1,181.1	-6.2%	-0.3%
	2015	5,775,332	0.7%	5,668,496	-0.6%	-1.8%	1,128.2	13.2%	1,001.8	-7.0%	-11.2%	1,194.1	0.8%	1,213.1	2.7%	1.6%
	2016	5,979,483	3.5%	5,831,494	2.9%	-2.5%	1,009.6	-10.5%	1,040.1	3.8%	3.0%	1,267.4	6.1%	1,233.5	1.7%	-2.7%
	2017	5,825,558	-2.6%	5,835,713	0.1%	0.2%	919.4	-8.9%	931.8	-10.4%	1.3%	1,236.4	-2.4%	1,281.8	3.9%	3.7%
	2018	5,945,319	2.1%	5,859,079	0.4%	-1.5%	1,178.9	28.2%	1,126.6	20.9%	-4.4%	1,238.9	0.2%	1,267.0	-1.2%	2.3%
	2019	6,082,512	2.3%	5,880,664	0.4%	-3.3%	979.8	-16.9%	1,135.9	0.8%	15.9%	1,292.4	4.3%	1,273.0	0.5%	-1.5%
	2020	6,082,634	0.0%	6,020,274	2.4%	-1.0%	1,022.3	4.3%	1,100.3	-3.1%	7.6%	1,281.4	-0.9%	1,280.6	0.6%	-0.1%
Projected	2021	6,353,697	4.5%	6,353,697	5.5%		1,207.3	18.1%	1,207.3	9.7%		1,355.4	5.8%	1,355.4	5.8%	
	2022			6,461,585	1.7%				1,229.1	1.8%				1,374.1	1.4%	
	2023			6,541,242	1.2%				1,244.1	1.2%				1,391.4	1.3%	
	2024			6,642,699	1.6%				1,259.3	1.2%				1,409.2	1.3%	
	2025			6,707,941	1.0%				1,274.7	1.2%				1,426.2	1.2%	
	2026			6,780,581	1.1%				1,288.7	1.1%				1,441.4	1.1%	
	2027			6,850,101	1.0%				1,301.8	1.0%				1,456.6	1.1%	
	2028			6,925,087	1.1%				1,311.7	0.8%				1,469.7	0.9%	
	2029			6,981,784	0.8%				1,326.1	1.1%				1,485.5	1.1%	
	2030			7,003,854	0.3%				1,328.1	0.1%				1,491.6	0.4%	
	2031			7,079,162	1.1%				1,342.5	1.1%				1,507.8	1.1%	
	2032			7,171,259	1.3%				1,356.5	1.0%				1,524.4	1.1%	
	2033			7,232,021	0.8%				1,371.4	1.1%				1,541.4	1.1%	
	2034			7,310,466	1.1%				1,386.5	1.1%				1,558.3	1.1%	
	2035			7,388,548	1.1%				1,401.1	1.1%				1,575.5	1.1%	
	2036			7,410,242	0.3%				1,400.3	-0.1%				1,576.8	0.1%	
	2037			7,466,960	0.8%				1,414.8	1.0%				1,592.6	1.0%	
	2038			7,447,752	-0.3%				1,405.0	-0.7%				1,589.0	-0.2%	
	2039			7,526,434	1.1%				1,419.9	1.1%				1,606.4	1.1%	
	2040			7,624,820	1.3%				1,434.9	1.1%				1,624.0	1.1%	
CAGR ^[3]	2011-2020		-0.1%		0.1%			-2.3%		-0.8%			0.2%		0.7%	
	2021-2030				1.1%					1.1%					1.1%	
	2031-2040				0.8%					0.7%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Severe Weather Case
Total Agency - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	6,147,277	-	6,147,277	-	1,293.0	1,300.2	1,293.0	1,300.2	1,258.3	1,258.2	1,258.3	1,258.2
	2012	5,914,360	-3.8%	5,914,360	-3.8%	1,119.9	1,250.8	1,119.9	1,250.8	1,096.7	1,203.3	1,096.7	1,203.3
	2013	5,914,988	0.0%	5,914,988	0.0%	1,072.3	1,258.0	1,072.3	1,258.0	1,009.9	1,222.0	1,009.9	1,222.0
	2014	5,733,592	-3.1%	5,733,592	-3.1%	1,071.5	1,216.5	1,071.5	1,216.5	996.9	1,185.1	996.9	1,185.1
	2015	5,775,332	0.7%	5,777,052	0.8%	1,148.8	1,229.1	1,149.5	1,229.4	1,128.2	1,194.1	1,128.5	1,194.4
	2016	5,979,483	3.5%	5,980,070	3.5%	1,060.8	1,291.0	1,060.8	1,291.0	1,009.6	1,267.4	1,009.9	1,267.4
	2017	5,825,558	-2.6%	5,825,558	-2.6%	980.7	1,267.1	980.7	1,267.1	919.4	1,236.4	919.4	1,236.4
	2018	5,945,319	2.1%	5,945,319	2.1%	1,219.5	1,252.9	1,219.5	1,252.9	1,178.9	1,238.9	1,178.9	1,238.9
	2019	6,082,512	2.3%	6,082,512	2.3%	1,026.5	1,311.1	1,026.5	1,311.1	979.8	1,292.4	979.8	1,292.4
	2020	6,082,634	0.0%	6,273,841	3.1%	1,058.6	1,312.8	1,265.7	1,360.2	1,022.3	1,281.4	1,195.9	1,325.9
Projected	2021	6,353,697	4.5%	6,344,660	1.1%	1,278.3	1,389.5	1,282.8	1,378.8	1,207.3	1,355.4	1,212.0	1,344.0
	2022	6,461,585	1.7%	6,413,347	1.1%	1,301.4	1,408.6	1,298.2	1,393.3	1,229.1	1,374.1	1,226.8	1,358.3
	2023	6,541,242	1.2%	6,477,028	1.0%	1,317.0	1,426.2	1,311.5	1,407.2	1,244.1	1,391.4	1,239.6	1,371.9
	2024	6,642,699	1.6%	6,556,297	1.2%	1,332.9	1,444.5	1,323.7	1,421.7	1,259.3	1,409.2	1,251.7	1,386.2
	2025	6,707,941	1.0%	6,606,949	0.8%	1,349.5	1,461.7	1,337.5	1,436.6	1,274.7	1,426.2	1,264.8	1,400.8
	2026	6,780,581	1.1%	6,673,885	1.0%	1,364.2	1,477.2	1,351.2	1,451.4	1,288.7	1,441.4	1,278.0	1,415.4
	2027	6,850,101	1.0%	6,737,593	1.0%	1,377.9	1,492.7	1,364.3	1,465.4	1,301.8	1,456.6	1,290.7	1,429.1
	2028	6,925,087	1.1%	6,800,861	0.9%	1,387.8	1,505.9	1,372.4	1,476.0	1,311.7	1,469.7	1,298.9	1,439.5
	2029	6,981,784	0.8%	6,844,477	0.6%	1,403.1	1,522.0	1,385.1	1,489.1	1,326.1	1,485.5	1,310.9	1,452.4
	2030	7,003,854	0.3%	6,855,399	0.2%	1,404.8	1,528.0	1,384.7	1,492.6	1,328.1	1,491.6	1,310.8	1,456.1
	2031	7,079,162	1.1%	6,918,139	0.9%	1,419.9	1,544.5	1,397.3	1,506.9	1,342.5	1,507.8	1,323.0	1,470.1
	2032	7,171,259	1.3%	7,000,415	1.2%	1,434.2	1,561.4	1,410.0	1,521.6	1,356.5	1,524.4	1,335.4	1,484.5
	2033	7,232,021	0.8%	7,049,286	0.7%	1,450.1	1,578.7	1,423.4	1,536.1	1,371.4	1,541.4	1,348.0	1,498.8
	2034	7,310,466	1.1%	7,113,771	0.9%	1,465.9	1,595.9	1,436.5	1,550.2	1,386.5	1,558.3	1,360.6	1,512.7
	2035	7,388,548	1.1%	7,177,391	0.9%	1,481.2	1,613.4	1,449.0	1,564.6	1,401.1	1,575.5	1,372.6	1,526.8
	2036	7,410,242	0.3%	7,181,768	0.1%	1,480.2	1,614.2	1,444.8	1,561.8	1,400.3	1,576.8	1,368.7	1,524.5
	2037	7,466,960	0.8%	7,224,738	0.6%	1,495.8	1,630.3	1,457.2	1,574.9	1,414.8	1,592.6	1,380.4	1,537.5
	2038	7,447,752	-0.3%	7,192,513	-0.4%	1,486.5	1,626.0	1,445.4	1,567.6	1,405.0	1,589.0	1,368.0	1,531.0
	2039	7,526,434	1.1%	7,256,572	0.9%	1,502.1	1,643.7	1,458.0	1,582.1	1,419.9	1,606.4	1,380.2	1,545.2
	2040	7,624,820	1.3%			1,517.5	1,661.5			1,434.9	1,624.0		
CAGR [1]	Historical		-0.1%		-0.1%	-2.2%	0.1%	-2.8%	0.1%	-0.9%	0.8%	-1.6%	1.0%
	1st 10 Prj Yrs		1.1%		1.0%	1.1%	1.1%	1.0%	1.0%	1.1%	1.1%	1.0%	1.0%
	2nd 10 Prj Yrs		0.8%		0.6%	0.7%	0.8%	0.6%	0.6%	0.7%	0.8%	0.6%	0.7%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case
Total Agency - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	6,147,277	-	5,975,503	-	-2.8%	1,258.3	-	1,184.1	-	-5.9%	1,258.2	-	1,200.2	-	-4.6%
	2012	5,914,360	-3.8%	6,010,714	0.6%	1.6%	1,096.7	-12.8%	1,056.6	-10.8%	-3.7%	1,203.3	-4.4%	1,300.0	8.3%	8.0%
	2013	5,914,988	0.0%	5,990,932	-0.3%	1.3%	1,009.9	-7.9%	984.6	-6.8%	-2.5%	1,222.0	1.6%	1,259.6	-3.1%	3.1%
	2014	5,733,592	-3.1%	5,702,238	-4.8%	-0.5%	996.9	-1.3%	1,077.1	9.4%	8.0%	1,185.1	-3.0%	1,181.1	-6.2%	-0.3%
	2015	5,777,052	0.8%	5,668,496	-0.6%	-1.9%	1,128.5	13.2%	1,001.8	-7.0%	-11.2%	1,194.4	0.8%	1,213.1	2.7%	1.6%
	2016	5,981,790	3.5%	5,831,494	2.9%	-2.5%	1,009.9	-10.5%	1,040.1	3.8%	3.0%	1,267.7	6.1%	1,233.5	1.7%	-2.7%
	2017	5,826,145	-2.6%	5,835,713	0.1%	0.2%	919.4	-9.0%	931.8	-10.4%	1.3%	1,236.4	-2.5%	1,281.8	3.9%	3.7%
	2018	5,945,319	2.0%	5,859,079	0.4%	-1.5%	1,178.9	28.2%	1,126.6	20.9%	-4.4%	1,238.9	0.2%	1,267.0	-1.2%	2.3%
	2019	6,082,512	2.3%	5,880,664	0.4%	-3.3%	979.8	-16.9%	1,135.9	0.8%	15.9%	1,292.4	4.3%	1,273.0	0.5%	-1.5%
	2020	6,082,634	0.0%	5,937,786	1.0%	-2.4%	1,022.3	4.3%	1,100.3	-3.1%	7.6%	1,281.4	-0.9%	1,280.6	0.6%	-0.1%
Projected	2021	6,337,084	4.2%	6,337,084	6.7%		1,207.3	18.1%	1,207.3	9.7%		1,351.5	5.5%	1,351.5	5.5%	
	2022			6,438,370	1.6%				1,229.1	1.8%				1,368.6	1.3%	
	2023			6,511,739	1.1%				1,244.1	1.2%				1,384.4	1.2%	
	2024			6,605,790	1.4%				1,259.3	1.2%				1,400.5	1.2%	
	2025			6,660,505	0.8%				1,274.7	1.2%				1,414.9	1.0%	
	2026			6,720,349	0.9%				1,288.7	1.1%				1,427.1	0.9%	
	2027			6,775,531	0.8%				1,301.8	1.0%				1,438.8	0.8%	
	2028			6,834,641	0.9%				1,311.7	0.8%				1,448.2	0.7%	
	2029			6,874,517	0.6%				1,326.1	1.1%				1,459.9	0.8%	
	2030			6,878,816	0.1%				1,328.1	0.1%				1,461.9	0.1%	
	2031			6,938,262	0.9%				1,342.5	1.1%				1,474.3	0.9%	
	2032			7,015,110	1.1%				1,356.5	1.0%				1,487.3	0.9%	
	2033			7,061,982	0.7%				1,371.4	1.1%				1,501.0	0.9%	
	2034			7,126,789	0.9%				1,386.5	1.1%				1,514.6	0.9%	
	2035			7,191,659	0.9%				1,401.1	1.1%				1,528.7	0.9%	
	2036			7,200,127	0.1%				1,400.3	-0.1%				1,526.9	-0.1%	
	2037			7,243,812	0.6%				1,414.8	1.0%				1,539.6	0.8%	
	2038			7,212,604	-0.4%				1,405.0	-0.7%				1,533.1	-0.4%	
	2039			7,277,564	0.9%				1,419.9	1.1%				1,547.3	0.9%	
	2040			7,361,794	1.2%				1,434.9	1.1%				1,561.5	0.9%	
CAGR ^[3]	2011-2020		-0.1%		-0.1%			-2.3%		-0.8%			0.2%		0.7%	
	2021-2030				0.9%					1.1%					0.9%	
	2031-2040				0.7%					0.7%					0.6%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Severe Weather Case
Total Agency - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	461,335	393,793	424,620	488,193	537,767	588,106	623,766	644,115	570,519	460,766	410,067	418,993	6,022,040	6,147,277
	2012	438,988	405,060	451,583	458,392	543,656	545,599	623,149	603,756	554,351	504,602	398,605	435,593	5,963,334	5,914,360
	2013	428,865	400,438	432,242	463,445	507,457	573,259	581,975	626,296	562,210	516,187	427,182	440,420	5,959,977	5,914,988
	2014	458,798	376,082	396,665	423,785	497,285	521,770	571,164	591,892	512,362	461,946	387,082	412,653	5,611,484	5,733,592
	2015	423,859	391,814	433,884	469,172	526,875	564,009	585,493	583,880	536,385	477,199	447,017	436,736	5,876,322	5,777,052
	2016	434,986	397,529	428,066	436,669	517,921	586,159	645,813	615,145	558,551	481,763	397,590	424,514	5,924,706	5,981,790
	2017	420,300	369,307	422,712	462,186	543,679	545,907	610,433	626,402	521,351	510,122	404,061	427,714	5,864,175	5,826,145
	2018	486,883	395,927	410,294	435,098	497,243	566,526	596,706	617,855	596,890	535,843	436,820	427,594	6,003,678	5,945,319
	2019	440,834	388,033	423,717	457,363	568,643	591,427	616,795	617,863	577,582	550,214	414,640	419,893	6,067,001	6,082,512
	2020	433,461	409,343	471,516	453,576	509,086	580,517	624,346	636,514	579,529	505,885	415,561	468,575	6,087,909	6,082,634
Projected	2021	520,330	445,068	452,362	452,709	535,147	603,661	663,211	669,128	605,448	521,379	423,740	476,647	6,368,830	6,337,084
	2022	529,194	452,888	460,102	458,682	542,603	611,044	671,716	677,595	612,779	527,792	428,770	482,463	6,455,630	6,438,370
	2023	535,052	457,903	464,779	463,680	548,899	617,713	679,288	685,478	619,922	534,147	434,301	488,846	6,530,008	6,511,739
	2024	541,425	479,076	470,305	469,560	555,644	625,121	687,223	693,144	626,996	540,122	439,009	494,732	6,622,359	6,605,790
	2025	547,463	468,438	475,142	474,617	561,693	631,632	694,322	700,123	633,211	545,295	443,020	499,867	6,674,824	6,660,505
	2026	552,865	472,970	479,117	478,706	566,662	637,048	700,311	706,038	638,450	549,694	446,345	504,392	6,732,598	6,720,349
	2027	557,842	477,189	482,692	482,400	571,271	642,162	706,096	711,830	643,618	553,001	448,704	507,876	6,784,680	6,775,531
	2028	561,716	496,817	485,362	485,157	574,816	646,203	710,783	716,520	647,687	557,525	452,068	512,592	6,847,246	6,834,641
	2029	567,030	485,065	488,970	488,837	579,432	651,330	716,586	722,307	652,773	557,933	451,691	513,023	6,874,978	6,874,517
	2030	567,599	485,528	488,669	488,814	579,862	651,789	717,415	723,150	653,344	562,759	455,316	518,008	6,892,252	6,878,816
Projected	2031	573,244	490,208	492,501	492,680	584,700	657,197	723,560	729,306	658,783	567,435	458,772	522,717	6,951,103	6,938,262
	2032	578,645	511,639	496,444	496,658	589,689	662,824	729,984	735,769	664,535	572,492	462,569	527,770	7,029,017	7,015,110
	2033	584,439	499,811	500,591	500,843	594,910	668,728	736,723	742,541	670,565	577,756	466,518	532,961	7,076,385	7,061,982
	2034	590,365	504,871	504,900	505,153	600,232	674,708	743,485	749,301	676,540	582,924	470,381	537,991	7,140,852	7,126,789
	2035	596,128	509,805	509,152	509,450	605,581	680,771	750,408	756,286	682,781	582,565	469,481	537,310	7,189,719	7,191,659
	2036	595,730	526,868	508,292	508,718	604,842	679,768	749,453	755,288	681,812	587,673	473,281	542,273	7,213,997	7,200,127
	2037	601,382	514,401	512,283	512,722	609,798	685,331	755,742	761,568	687,356	585,431	470,713	539,565	7,236,293	7,243,812
	2038	598,196	512,190	509,874	510,633	607,576	682,489	752,842	758,602	684,494	590,530	474,542	544,675	7,226,643	7,212,604
	2039	604,066	517,176	514,106	514,907	612,917	688,567	759,783	765,581	690,713	595,885	478,544	549,965	7,292,210	7,277,564
	2040	610,146	539,942	518,480	519,290	618,369	694,750	766,821	772,630	696,972	601,257	482,538	555,229	7,376,424	7,361,794

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.7%	6.5%	7.1%	8.1%	8.9%	9.8%	10.4%	10.7%	9.5%	7.7%	6.8%	7.0%	100.0%
	2012	7.4%	6.8%	7.6%	7.7%	9.1%	9.1%	10.4%	10.1%	9.3%	8.5%	6.7%	7.3%	100.0%
	2013	7.2%	6.7%	7.3%	7.8%	8.5%	9.6%	9.8%	10.5%	9.4%	8.7%	7.2%	7.4%	100.0%
	2014	8.2%	6.7%	7.1%	7.6%	8.9%	9.3%	10.2%	10.5%	9.1%	8.2%	6.9%	7.4%	100.0%
	2015	7.2%	6.7%	7.4%	8.0%	9.0%	9.6%	10.0%	9.9%	9.1%	8.1%	7.6%	7.4%	100.0%
	2016	7.3%	6.7%	7.2%	7.4%	8.7%	9.9%	10.9%	10.4%	9.4%	8.1%	6.7%	7.2%	100.0%
	2017	7.2%	6.3%	7.2%	7.9%	9.3%	9.3%	10.4%	10.7%	8.9%	8.7%	6.9%	7.3%	100.0%
	2018	8.1%	6.6%	6.8%	7.2%	8.3%	9.4%	9.9%	10.3%	9.9%	8.9%	7.3%	7.1%	100.0%
	2019	7.3%	6.4%	7.0%	7.5%	9.4%	9.7%	10.2%	10.2%	9.5%	9.1%	6.8%	6.9%	100.0%
	2020	7.1%	6.7%	7.7%	7.5%	8.4%	9.5%	10.3%	10.5%	9.5%	8.3%	6.8%	7.7%	100.0%
Projected	2021	8.2%	7.0%	7.1%	7.1%	8.4%	9.5%	10.4%	10.5%	9.5%	8.2%	6.7%	7.5%	100.0%
	2022	8.2%	7.0%	7.1%	7.1%	8.4%	9.5%	10.4%	10.5%	9.5%	8.2%	6.6%	7.5%	100.0%
	2023	8.2%	7.0%	7.1%	7.1%	8.4%	9.5%	10.4%	10.5%	9.5%	8.2%	6.7%	7.5%	100.0%
	2024	8.2%	7.2%	7.1%	7.1%	8.4%	9.4%	10.4%	10.5%	9.5%	8.2%	6.6%	7.5%	100.0%
	2025	8.2%	7.0%	7.1%	7.1%	8.4%	9.5%	10.4%	10.5%	9.5%	8.2%	6.6%	7.5%	100.0%
	2026	8.2%	7.0%	7.1%	7.1%	8.4%	9.5%	10.4%	10.5%	9.5%	8.2%	6.6%	7.5%	100.0%
	2027	8.2%	7.0%	7.1%	7.1%	8.4%	9.5%	10.4%	10.5%	9.5%	8.2%	6.6%	7.5%	100.0%
	2028	8.2%	7.3%	7.1%	7.1%	8.4%	9.4%	10.4%	10.5%	9.5%	8.1%	6.6%	7.5%	100.0%
	2029	8.2%	7.1%	7.1%	7.1%	8.4%	9.5%	10.4%	10.5%	9.5%	8.1%	6.6%	7.5%	100.0%
	2030	8.2%	7.0%	7.1%	7.1%	8.4%	9.5%	10.4%	10.5%	9.5%	8.2%	6.6%	7.5%	100.0%
Avg.	2011-2020	7.5%	6.6%	7.2%	7.7%	8.8%	9.5%	10.2%	10.4%	9.4%	8.4%	7.0%	7.3%	100.0%
	2021-2030	8.2%	7.1%	7.1%	7.1%	8.4%	9.5%	10.4%	10.5%	9.5%	8.2%	6.6%	7.5%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
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FMPA 2021 Load Forecast - Severe Weather Case
Total Agency - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	1,186.7	959.1	878.6	1,100.6	1,154.6	1,267.6	1,263.5	1,300.2	1,185.3	1,007.2	881.6	829.5	1,293.0	1,300.2
	2012	1,119.9	1,086.3	905.9	1,036.2	1,147.8	1,221.4	1,250.8	1,236.0	1,189.0	1,114.0	846.1	913.6	1,119.9	1,250.8
	2013	886.9	1,072.3	1,069.8	1,006.7	1,099.7	1,228.1	1,212.8	1,258.0	1,208.7	1,107.3	953.6	903.5	1,072.3	1,258.0
	2014	1,071.5	922.0	817.8	1,005.3	1,075.0	1,134.0	1,176.1	1,216.5	1,157.3	1,034.7	961.8	879.0	1,071.5	1,216.5
	2015	927.9	1,149.5	907.0	1,016.2	1,131.0	1,229.4	1,199.5	1,215.3	1,170.4	1,045.8	1,029.8	883.0	1,149.5	1,229.4
	2016	1,061.1	1,047.8	943.2	1,040.4	1,121.9	1,247.3	1,291.2	1,260.1	1,168.4	1,067.3	864.6	884.5	1,061.1	1,291.2
	2017	980.7	845.1	970.7	1,111.3	1,194.2	1,201.0	1,251.1	1,267.1	1,203.6	1,139.1	887.9	959.9	980.7	1,267.1
	2018	1,219.5	927.7	903.1	935.7	1,072.0	1,229.2	1,231.7	1,252.9	1,247.7	1,165.2	1,026.5	987.2	1,219.5	1,252.9
	2019	999.3	932.9	963.3	1,029.7	1,252.2	1,311.1	1,283.4	1,277.0	1,260.9	1,147.4	985.8	886.8	1,026.5	1,311.1
	2020	1,050.0	960.0	1,058.6	1,080.0	1,172.1	1,312.8	1,293.6	1,303.9	1,297.8	1,137.5	1,028.2	1,012.6	1,058.6	1,312.8
Projected	2021	1,278.3	1,143.1	1,077.9	1,125.8	1,261.3	1,354.2	1,357.3	1,385.6	1,317.6	1,198.6	1,052.2	1,030.7	1,278.3	1,385.6
	2022	1,301.4	1,163.5	1,095.9	1,140.5	1,277.9	1,371.3	1,374.4	1,403.1	1,334.1	1,214.3	1,064.9	1,042.9	1,301.4	1,403.1
	2023	1,317.0	1,177.2	1,109.6	1,154.1	1,293.2	1,386.9	1,390.1	1,419.2	1,349.3	1,228.7	1,078.0	1,055.6	1,317.0	1,419.2
	2024	1,332.9	1,191.4	1,123.9	1,168.1	1,308.9	1,402.8	1,406.2	1,435.7	1,364.9	1,243.3	1,090.9	1,069.0	1,332.9	1,435.7
	2025	1,349.5	1,206.0	1,137.8	1,181.0	1,323.4	1,417.1	1,420.6	1,450.4	1,378.7	1,256.8	1,103.0	1,080.6	1,349.5	1,450.4
	2026	1,364.2	1,218.9	1,150.6	1,192.1	1,336.0	1,429.1	1,432.7	1,462.9	1,390.4	1,268.5	1,114.1	1,091.5	1,364.2	1,462.9
	2027	1,377.9	1,231.0	1,162.8	1,202.9	1,348.4	1,440.7	1,444.4	1,474.9	1,401.7	1,277.5	1,123.2	1,099.2	1,377.9	1,474.9
	2028	1,387.8	1,240.0	1,172.6	1,211.8	1,358.5	1,449.8	1,453.7	1,484.5	1,410.5	1,289.5	1,134.9	1,111.6	1,387.8	1,484.5
	2029	1,403.1	1,253.5	1,185.5	1,222.8	1,371.1	1,461.3	1,465.4	1,496.5	1,421.7	1,292.6	1,138.5	1,113.6	1,403.1	1,496.5
	2030	1,404.8	1,255.2	1,189.0	1,225.8	1,374.6	1,463.0	1,467.0	1,498.2	1,423.2	1,304.8	1,151.0	1,125.6	1,404.8	1,498.2
Projected	2031	1,419.9	1,268.4	1,202.1	1,237.4	1,387.8	1,475.2	1,479.4	1,511.0	1,435.1	1,317.3	1,163.0	1,136.3	1,419.9	1,511.0
	2032	1,434.2	1,281.0	1,215.1	1,249.4	1,401.4	1,488.1	1,492.3	1,524.3	1,447.6	1,330.3	1,175.4	1,149.3	1,434.2	1,524.3
	2033	1,450.1	1,295.0	1,228.7	1,261.8	1,415.5	1,501.6	1,505.9	1,538.2	1,460.7	1,343.7	1,188.3	1,161.7	1,450.1	1,538.2
	2034	1,465.9	1,308.9	1,242.5	1,274.2	1,429.6	1,515.0	1,519.5	1,552.2	1,473.8	1,357.1	1,200.8	1,173.7	1,465.9	1,552.2
	2035	1,481.2	1,322.4	1,255.9	1,286.9	1,443.9	1,528.9	1,533.5	1,566.6	1,487.3	1,357.2	1,202.4	1,172.0	1,481.2	1,566.6
	2036	1,480.2	1,321.3	1,257.2	1,286.7	1,443.4	1,526.8	1,531.3	1,564.3	1,485.3	1,370.6	1,214.7	1,184.7	1,480.2	1,564.3
	2037	1,495.8	1,335.0	1,270.4	1,298.3	1,456.6	1,539.4	1,543.9	1,577.3	1,497.4	1,365.8	1,210.5	1,177.0	1,495.8	1,577.3
	2038	1,486.5	1,326.2	1,265.5	1,294.6	1,451.8	1,532.5	1,536.7	1,570.1	1,490.8	1,378.7	1,223.3	1,189.2	1,486.5	1,570.1
	2039	1,502.1	1,339.8	1,279.2	1,307.4	1,466.3	1,546.4	1,550.8	1,584.5	1,504.3	1,392.5	1,236.5	1,201.1	1,502.1	1,584.5
	2040	1,517.5	1,353.4	1,293.1	1,320.4	1,481.0	1,560.5	1,565.0	1,599.1	1,518.0	1,406.3	1,255.7	1,220.7	1,517.5	1,599.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	52.3%	61.1%	65.0%	61.6%	62.6%	64.4%	66.4%	66.6%	66.8%	61.5%	64.6%	67.9%	53.2%	54.0%
	2012	52.7%	53.6%	67.0%	61.4%	63.7%	62.0%	67.0%	65.7%	64.8%	60.9%	65.4%	64.1%	60.8%	54.0%
	2013	65.0%	55.6%	54.3%	63.9%	62.0%	64.8%	64.5%	66.9%	64.6%	62.7%	62.2%	65.5%	63.4%	53.7%
	2014	57.6%	60.7%	65.2%	58.6%	62.2%	63.9%	65.3%	65.4%	61.5%	60.0%	55.9%	63.1%	59.8%	53.8%
	2015	61.4%	50.7%	64.3%	64.1%	62.6%	63.7%	65.6%	64.6%	63.7%	61.3%	60.3%	66.5%	58.4%	53.6%
	2016	55.1%	54.5%	61.0%	58.3%	62.0%	65.3%	67.2%	65.6%	66.4%	60.7%	63.9%	64.5%	63.7%	52.9%
	2017	57.6%	65.0%	58.5%	57.8%	61.2%	63.1%	65.6%	66.4%	60.2%	60.2%	63.2%	59.9%	68.3%	52.5%
	2018	53.7%	63.5%	61.1%	64.6%	62.3%	64.0%	65.1%	66.3%	66.4%	61.8%	59.1%	58.2%	56.2%	54.2%
	2019	59.3%	61.9%	59.1%	61.7%	61.0%	62.7%	64.6%	65.0%	63.6%	64.5%	58.4%	63.6%	67.5%	53.0%
	2020	55.5%	61.3%	59.9%	58.3%	58.4%	61.4%	64.9%	65.6%	62.0%	59.8%	56.1%	62.2%	65.6%	52.9%
Projected	2021	54.7%	57.9%	56.4%	55.8%	57.0%	61.9%	65.7%	64.9%	63.8%	58.5%	55.9%	62.2%	56.9%	52.2%
	2022	54.7%	57.9%	56.4%	55.9%	57.1%	61.9%	65.7%	64.9%	63.8%	58.4%	55.9%	62.2%	56.6%	52.4%
	2023	54.6%	57.9%	56.3%	55.8%	57.1%	61.9%	65.7%	64.9%	63.8%	58.4%	56.0%	62.2%	56.6%	52.4%
	2024	54.6%	57.8%	56.2%	55.8%	57.1%	61.9%	65.7%	64.9%	63.8%	58.4%	55.9%	62.2%	56.7%	52.5%
	2025	54.5%	57.8%	56.1%	55.8%	57.0%	61.9%	65.7%	64.9%	63.8%	58.3%	55.8%	62.2%	56.5%	52.4%
	2026	54.5%	57.7%	56.0%	55.8%	57.0%	61.9%	65.7%	64.9%	63.8%	58.2%	55.6%	62.1%	56.3%	52.4%
	2027	54.4%	57.7%	55.8%	55.7%	56.9%	61.9%	65.7%	64.9%	63.8%	58.2%	55.5%	62.1%	56.2%	52.4%
	2028	54.4%	57.6%	55.6%	55.6%	56.9%	61.9%	65.7%	64.9%	63.8%	58.1%	55.3%	62.0%	56.3%	52.6%
	2029	54.3%	57.6%	55.4%	55.5%	56.8%	61.9%	65.7%	64.9%	63.8%	58.0%	55.1%	61.9%	55.9%	52.4%
	2030	54.3%	57.6%	55.2%	55.4%	56.7%	61.9%	65.7%	64.9%	63.8%	58.0%	54.9%	61.9%	56.0%	52.4%
Avg.	2011-2020	57.0%	58.8%	61.5%	61.0%	61.8%	63.5%	65.8%	65.8%	64.0%	61.3%	60.9%	63.6%	61.7%	53.4%
	2021-2030	54.5%	57.7%	56.0%	55.7%	57.0%	61.9%	65.7%	64.9%	63.8%	58.3%	55.6%	62.1%	56.4%	52.4%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Severe Weather Case
Total Agency - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	1,168.7	900.6	807.1	1,067.7	1,112.3	1,239.2	1,214.4	1,258.2	1,124.9	990.4	852.3	750.1	1,258.3	1,258.2
	2012	1,096.7	1,038.9	871.7	993.3	1,091.1	1,146.8	1,203.3	1,188.3	1,143.4	1,087.3	747.0	830.0	1,096.7	1,203.3
	2013	772.0	1,003.2	1,009.9	958.2	1,073.6	1,176.8	1,156.6	1,222.0	1,164.9	1,067.9	906.6	820.2	1,009.9	1,222.0
	2014	996.9	847.6	703.0	998.1	1,051.7	1,106.0	1,125.7	1,185.1	1,092.9	1,015.0	827.7	795.4	996.9	1,185.1
	2015	850.7	1,128.5	856.5	953.8	1,102.4	1,194.4	1,144.2	1,172.3	1,136.9	1,029.9	1,009.9	853.9	1,128.5	1,194.4
	2016	1,001.8	1,006.1	909.0	1,024.0	1,068.4	1,216.1	1,267.7	1,247.5	1,112.4	989.2	843.2	827.1	1,009.9	1,267.7
	2017	862.5	831.1	919.4	1,105.5	1,173.8	1,177.8	1,215.6	1,236.4	1,157.1	1,122.5	854.2	900.2	919.4	1,236.4
	2018	1,178.9	879.6	844.9	887.1	1,038.0	1,167.3	1,186.3	1,238.9	1,210.0	1,154.7	979.8	888.2	1,178.9	1,238.9
	2019	912.2	895.1	900.2	1,010.5	1,209.6	1,292.4	1,262.0	1,208.8	1,250.3	1,099.8	980.1	782.3	979.8	1,292.4
	2020	1,007.7	890.1	1,022.3	1,013.2	1,138.3	1,281.4	1,239.1	1,270.1	1,268.4	1,108.1	974.4	936.3	1,022.3	1,281.4
Projected	2021	1,207.3	1,093.6	1,016.1	1,089.4	1,224.9	1,317.1	1,313.7	1,351.5	1,274.4	1,167.8	997.0	953.1	1,207.3	1,351.5
	2022	1,229.1	1,113.1	1,033.2	1,103.6	1,241.1	1,333.7	1,330.3	1,368.6	1,290.5	1,183.2	1,009.2	964.6	1,229.1	1,368.6
	2023	1,244.1	1,126.5	1,046.1	1,116.8	1,255.9	1,349.0	1,345.6	1,384.4	1,305.2	1,197.3	1,021.8	976.3	1,244.1	1,384.4
	2024	1,259.3	1,140.1	1,059.7	1,130.4	1,271.2	1,364.6	1,361.2	1,400.5	1,320.2	1,211.6	1,034.1	988.7	1,259.3	1,400.5
	2025	1,274.7	1,153.9	1,073.1	1,142.8	1,285.3	1,378.5	1,375.2	1,414.9	1,333.6	1,224.8	1,045.6	999.5	1,274.7	1,414.9
	2026	1,288.7	1,166.3	1,085.3	1,153.5	1,297.5	1,390.3	1,386.9	1,427.1	1,344.9	1,236.3	1,056.2	1,009.7	1,288.7	1,427.1
	2027	1,301.8	1,178.0	1,096.9	1,164.0	1,309.6	1,401.6	1,398.3	1,438.8	1,355.7	1,245.1	1,065.0	1,017.0	1,301.8	1,438.8
	2028	1,311.7	1,186.9	1,106.2	1,172.6	1,319.5	1,410.5	1,407.4	1,448.2	1,364.2	1,256.8	1,076.2	1,028.4	1,311.7	1,448.2
	2029	1,326.1	1,199.7	1,118.5	1,183.3	1,331.7	1,421.8	1,418.6	1,459.9	1,375.0	1,260.0	1,079.9	1,030.7	1,326.1	1,459.9
	2030	1,328.1	1,201.9	1,122.3	1,186.1	1,335.1	1,423.3	1,420.2	1,461.9	1,376.4	1,271.9	1,091.8	1,042.0	1,328.1	1,461.9
Projected	2031	1,342.5	1,214.7	1,134.8	1,197.3	1,347.9	1,435.2	1,432.2	1,474.3	1,387.9	1,284.2	1,103.3	1,052.2	1,342.5	1,474.3
	2032	1,356.5	1,227.2	1,147.2	1,208.8	1,361.1	1,447.8	1,444.7	1,487.3	1,399.9	1,296.9	1,115.1	1,064.2	1,356.5	1,487.3
	2033	1,371.4	1,240.5	1,160.2	1,220.9	1,374.8	1,460.9	1,457.9	1,501.0	1,412.5	1,310.0	1,127.4	1,075.8	1,371.4	1,501.0
	2034	1,386.5	1,254.0	1,173.3	1,232.8	1,388.5	1,474.0	1,471.1	1,514.6	1,425.2	1,323.1	1,139.3	1,087.1	1,386.5	1,514.6
	2035	1,401.1	1,267.0	1,186.1	1,245.1	1,402.4	1,487.6	1,484.6	1,528.7	1,438.2	1,323.4	1,141.1	1,086.1	1,401.1	1,528.7
	2036	1,400.3	1,266.5	1,187.7	1,244.8	1,401.8	1,485.6	1,482.5	1,526.9	1,436.5	1,336.5	1,152.7	1,097.8	1,400.3	1,526.9
	2037	1,414.8	1,279.5	1,200.3	1,256.0	1,414.6	1,497.9	1,494.7	1,539.6	1,448.2	1,332.3	1,149.5	1,091.7	1,414.8	1,539.6
	2038	1,405.0	1,272.3	1,196.9	1,252.3	1,410.0	1,491.0	1,488.2	1,533.1	1,441.9	1,345.0	1,161.7	1,103.2	1,405.0	1,533.1
	2039	1,419.9	1,285.5	1,210.0	1,264.7	1,424.1	1,504.6	1,501.8	1,547.3	1,455.0	1,358.4	1,174.4	1,114.4	1,419.9	1,547.3
	2040	1,434.9	1,298.9	1,223.2	1,277.2	1,438.3	1,518.4	1,515.5	1,561.5	1,468.2	1,372.0	1,192.8	1,132.8	1,434.9	1,561.5

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	98.5%	93.9%	91.9%	97.0%	96.3%	97.8%	96.1%	96.8%	94.9%	98.3%	96.7%	90.4%	97.3%	96.8%
	2012	97.9%	95.6%	96.2%	95.9%	95.1%	93.9%	96.2%	96.1%	96.2%	97.6%	88.3%	90.8%	97.9%	96.2%
	2013	87.0%	93.6%	94.4%	95.2%	97.6%	95.8%	95.4%	97.1%	96.4%	96.4%	95.1%	90.8%	94.2%	97.1%
	2014	93.0%	91.9%	86.0%	99.3%	97.8%	97.5%	95.7%	97.4%	94.4%	98.1%	86.1%	90.5%	93.0%	97.4%
	2015	91.7%	98.2%	94.4%	93.9%	97.5%	97.2%	95.4%	96.5%	97.1%	98.5%	98.1%	96.7%	98.2%	97.2%
	2016	94.4%	96.0%	96.4%	98.4%	95.2%	97.5%	98.2%	99.0%	95.2%	92.7%	97.5%	93.5%	95.2%	98.2%
	2017	88.0%	98.3%	94.7%	99.5%	98.3%	98.1%	97.2%	97.6%	96.1%	98.5%	96.2%	93.8%	93.8%	97.6%
	2018	96.7%	94.8%	93.6%	94.8%	96.8%	95.0%	96.3%	98.9%	97.0%	99.1%	95.5%	90.0%	96.7%	98.9%
	2019	91.3%	95.9%	93.5%	98.1%	96.6%	98.6%	98.3%	94.7%	99.2%	95.9%	99.4%	88.2%	95.5%	98.6%
	2020	96.0%	92.7%	96.6%	93.8%	97.1%	97.6%	95.8%	97.4%	97.7%	97.4%	94.8%	92.5%	96.6%	97.6%
Projected	2021	94.4%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.8%	92.5%	94.4%	97.5%
	2022	94.4%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.8%	92.5%	94.4%	97.5%
	2023	94.5%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.4%	94.8%	92.5%	94.5%	97.5%
	2024	94.5%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.5%	94.8%	92.5%	94.5%	97.5%
	2025	94.5%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.5%	96.7%	97.5%	94.8%	92.5%	94.5%	97.5%
	2026	94.5%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.5%	97.6%
	2027	94.5%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.5%	97.6%
	2028	94.5%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.5%	97.6%
	2029	94.5%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.6%	94.5%	97.6%
	2030	94.5%	95.8%	94.4%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.9%	92.6%	94.5%	97.6%
	2011-2020	93.4%	95.1%	93.8%	96.6%	96.8%	96.9%	96.5%	97.1%	96.4%	97.3%	94.8%	91.7%	95.8%	97.5%
	2021-2030	94.5%	95.7%	94.3%	96.8%	97.1%	97.3%	96.8%	97.6%	96.7%	97.5%	94.8%	92.5%	94.5%	97.6%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Severe Weather Case
FP&L Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	2,805,902	-	2,743,469	-	-2.2%	544.4	-	515.1	-	-5.4%	534.8	-	509.2		-4.8%
	2012	2,709,712	-3.4%	2,761,124	0.6%	1.9%	469.7	-13.7%	453.2	-12.0%	-3.5%	527.2	-1.4%	545.0	7.0%	3.4%
	2013	2,693,753	-0.6%	2,739,574	-0.8%	1.7%	425.0	-9.5%	423.7	-6.5%	-0.3%	524.0	-0.6%	533.8	-2.0%	1.9%
	2014	2,437,324	-9.5%	2,417,176	-11.8%	-0.8%	384.4	-9.5%	415.5	-1.9%	8.1%	452.1	-13.7%	456.0	-14.6%	0.9%
	2015	2,366,430	-2.9%	2,337,824	-3.3%	-1.2%	456.4	18.7%	386.1	-7.1%	-15.4%	444.3	-1.7%	453.0	-0.6%	2.0%
	2016	2,436,956	3.0%	2,388,099	2.2%	-2.0%	390.9	-14.3%	403.9	4.6%	3.3%	484.9	9.1%	467.6	3.2%	-3.6%
	2017	2,341,144	-3.9%	2,315,068	-3.1%	-1.1%	344.6	-11.9%	361.2	-10.6%	4.8%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,318,307	0.1%	-1.6%	446.1	29.5%	429.5	18.9%	-3.7%	464.7	-0.5%	470.9	-1.1%	1.3%
	2019	2,399,054	1.8%	2,310,655	-0.3%	-3.7%	364.8	-18.2%	429.3	-0.1%	17.7%	470.0	1.1%	459.7	-2.4%	-2.2%
	2020	2,378,062	-0.9%	2,357,880	2.0%	-0.8%	355.3	-2.6%	412.9	-3.8%	16.2%	475.6	1.2%	478.8	4.1%	0.7%
Projected	2021	2,451,536	3.1%	2,451,536	4.0%		425.4	19.7%	425.4	3.0%		489.2	2.9%	489.2	2.2%	
	2022			2,484,532	1.3%				432.4	1.7%				493.1	0.8%	
	2023			2,499,656	0.6%				435.2	0.6%				496.0	0.6%	
	2024			2,522,697	0.9%				436.7	0.4%				499.3	0.7%	
	2025			2,534,803	0.5%				440.3	0.8%				502.4	0.6%	
	2026			2,548,685	0.5%				442.8	0.6%				505.0	0.5%	
	2027			2,562,477	0.5%				445.2	0.6%				507.8	0.6%	
	2028			2,582,270	0.8%				446.8	0.4%				510.9	0.6%	
	2029			2,592,941	0.4%				450.5	0.8%				513.9	0.6%	
	2030			2,556,733	-1.4%				441.4	-2.0%				506.9	-1.4%	
	2031			2,571,940	0.6%				443.9	0.6%				509.8	0.6%	
	2032			2,592,600	0.8%				445.7	0.4%				513.2	0.7%	
	2033			2,604,696	0.5%				449.5	0.8%				516.6	0.7%	
	2034			2,622,043	0.7%				452.5	0.7%				520.0	0.7%	
	2035			2,639,479	0.7%				455.4	0.6%				523.5	0.7%	
	2036			2,587,042	-2.0%				441.8	-3.0%				511.3	-2.3%	
	2037			2,597,388	0.4%				445.3	0.8%				514.2	0.6%	
	2038			2,517,727	-3.1%				424.0	-4.8%				496.8	-3.4%	
	2039			2,532,012	0.6%				426.3	0.5%				499.7	0.6%	
	2040			2,552,199	0.8%				428.1	0.4%				502.8	0.6%	
CAGR^[3]	2011-2020		-1.8%		-1.7%			-4.6%		-2.4%			-1.3%		-0.7%	
	2021-2030				0.5%					0.4%					0.4%	
	2031-2040				-0.1%					-0.4%					-0.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

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Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Severe Weather Case
FP&L Cities - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	2,805,902	-	2,805,902	-	574.7	568.1	574.7	568.1	544.4	534.8	544.4	534.8
	2012	2,709,712	-3.4%	2,709,712	-3.4%	487.9	552.6	487.9	552.6	469.7	527.2	469.7	527.2
	2013	2,693,753	-0.6%	2,693,753	-0.6%	490.6	541.5	490.6	541.5	425.0	524.0	425.0	524.0
	2014	2,437,324	-9.5%	2,437,324	-9.5%	446.5	475.7	446.5	475.7	384.4	452.1	408.2	452.6
	2015	2,366,430	-2.9%	2,366,430	-2.9%	476.8	478.3	476.8	478.3	456.4	444.3	456.4	450.7
	2016	2,436,956	3.0%	2,436,956	3.0%	437.5	501.8	437.5	501.8	390.9	484.9	390.9	484.9
	2017	2,341,144	-3.9%	2,341,144	-3.9%	411.0	485.1	411.0	485.1	344.6	467.3	344.6	467.3
	2018	2,355,507	0.6%	2,355,507	0.6%	474.7	475.7	474.7	475.7	446.1	464.7	446.1	464.7
	2019	2,399,054	1.8%	2,399,054	1.8%	403.8	492.9	403.8	492.9	364.8	470.0	364.8	470.0
	2020	2,378,062	-0.9%	2,457,322	2.4%	414.8	490.7	485.7	505.9	355.3	475.6	430.8	483.1
Projected	2021	2,451,536	3.1%	2,486,434	1.2%	481.8	512.3	494.1	513.5	425.4	489.2	438.4	490.4
	2022	2,484,532	1.3%	2,501,438	0.6%	489.7	516.4	499.0	515.8	432.4	493.1	442.9	492.5
	2023	2,499,656	0.6%	2,511,124	0.4%	492.7	519.4	501.4	517.6	435.2	496.0	445.1	494.2
	2024	2,522,697	0.9%	2,524,970	0.6%	494.8	522.9	502.0	519.7	436.7	499.3	445.8	496.2
	2025	2,534,803	0.5%	2,531,297	0.3%	499.3	526.2	505.7	522.1	440.3	502.4	449.0	498.6
	2026	2,548,685	0.5%	2,543,117	0.5%	502.1	529.0	508.3	524.7	442.8	505.0	451.5	501.0
	2027	2,562,477	0.5%	2,554,673	0.5%	504.9	531.9	510.9	527.1	445.2	507.8	453.9	503.3
	2028	2,582,270	0.8%	2,570,832	0.6%	506.6	535.1	512.2	529.5	446.8	510.9	455.2	505.6
	2029	2,592,941	0.4%	2,576,830	0.2%	511.0	538.3	515.9	531.7	450.5	513.9	458.4	507.7
	2030	2,556,733	-1.4%	2,538,648	-1.5%	501.3	530.9	505.9	523.9	441.4	506.9	449.2	500.2
	2031	2,571,940	0.6%	2,549,116	0.4%	504.1	534.0	508.1	526.3	443.9	509.8	451.1	502.5
	2032	2,592,600	0.8%	2,566,646	0.7%	506.1	537.5	509.6	529.0	445.7	513.2	452.5	505.1
	2033	2,604,696	0.5%	2,574,364	0.3%	510.5	541.1	513.3	531.5	449.5	516.6	455.7	507.5
	2034	2,622,043	0.7%	2,586,708	0.5%	514.0	544.6	515.9	534.0	452.5	520.0	458.0	509.9
	2035	2,639,479	0.7%	2,599,066	0.5%	517.3	548.3	518.3	536.7	455.4	523.5	460.2	512.4
	2036	2,587,042	-2.0%	2,539,247	-2.3%	503.3	535.5	502.9	522.3	441.8	511.3	445.4	498.8
	2037	2,597,388	0.4%	2,544,535	0.2%	507.5	538.5	506.2	524.2	445.3	514.2	448.2	500.6
	2038	2,517,727	-3.1%	2,460,900	-3.3%	486.5	520.1	484.4	505.0	424.0	496.8	426.1	482.3
	2039	2,532,012	0.6%	2,470,474	0.4%	489.2	523.2	486.2	507.1	426.3	499.7	427.8	484.3
	2040	2,552,199	0.8%			491.1	526.5			428.1	502.8		
CAGR ^[1]	Historical		-1.8%		-1.9%	-3.6%	-1.6%	-4.3%	-1.8%	-3.4%	-1.3%	-3.5%	-1.6%
	1st 10 Prj Yrs		0.5%		0.5%	0.4%	0.4%	0.7%	0.6%	0.4%	0.4%	0.7%	0.6%
	2nd 10 Prj Yrs		-0.1%		-0.3%	-0.3%	-0.2%	-0.4%	-0.4%	-0.4%	-0.2%	-0.5%	-0.4%

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[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case
FP&L Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	2,805,902	-	2,743,469	-	-2.2%	544.4	-	515.1	-	-5.4%	534.8	-	509.2	-	-4.8%
	2012	2,709,712	-3.4%	2,761,124	0.6%	1.9%	469.7	-13.7%	453.2	-12.0%	-3.5%	527.2	-1.4%	545.0	7.0%	3.4%
	2013	2,693,753	-0.6%	2,739,574	-0.8%	1.7%	425.0	-9.5%	423.7	-6.5%	-0.3%	524.0	-0.6%	533.8	-2.0%	1.9%
	2014	2,437,324	-9.5%	2,417,176	-11.8%	-0.8%	384.4	-9.5%	415.5	-1.9%	8.1%	452.1	-13.7%	456.0	-14.6%	0.9%
	2015	2,366,430	-2.9%	2,337,824	-3.3%	-1.2%	456.4	18.7%	386.1	-7.1%	-15.4%	444.3	-1.7%	453.0	-0.6%	2.0%
	2016	2,436,956	3.0%	2,388,099	2.2%	-2.0%	390.9	-14.3%	403.9	4.6%	3.3%	484.9	9.1%	467.6	3.2%	-3.6%
	2017	2,341,144	-3.9%	2,315,068	-3.1%	-1.1%	344.6	-11.9%	361.2	-10.6%	4.8%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,318,307	0.1%	-1.6%	446.1	29.5%	429.5	18.9%	-3.7%	464.7	-0.5%	470.9	-1.1%	1.3%
	2019	2,399,054	1.8%	2,310,655	-0.3%	-3.7%	364.8	-18.2%	429.3	-0.1%	17.7%	470.0	1.1%	459.7	-2.4%	-2.2%
	2020	2,378,062	-0.9%	2,313,635	0.1%	-2.7%	355.3	-2.6%	412.9	-3.8%	16.2%	475.6	1.2%	478.8	4.1%	0.7%
Projected	2021	2,449,230	3.0%	2,449,230	5.9%		425.4	19.7%	425.4	3.0%		488.7	2.7%	488.7	2.1%	
	2022			2,481,512	1.3%				432.4	1.7%				492.4	0.8%	
	2023			2,495,918	0.6%				435.2	0.6%				495.1	0.5%	
	2024			2,518,147	0.9%				436.7	0.4%				498.2	0.6%	
	2025			2,529,372	0.4%				440.3	0.8%				501.1	0.6%	
	2026			2,542,030	0.5%				442.8	0.6%				503.4	0.5%	
	2027			2,554,491	0.5%				445.2	0.6%				505.9	0.5%	
	2028			2,572,858	0.7%				446.8	0.4%				508.6	0.5%	
	2029			2,582,056	0.4%				450.5	0.8%				511.3	0.5%	
	2030			2,544,297	-1.5%				441.4	-2.0%				503.9	-1.5%	
	2031			2,558,487	0.6%				443.9	0.6%				506.6	0.5%	
	2032			2,578,087	0.8%				445.7	0.4%				509.7	0.6%	
	2033			2,589,205	0.4%				449.5	0.8%				512.9	0.6%	
	2034			2,605,504	0.6%				452.5	0.7%				516.1	0.6%	
	2035			2,621,950	0.6%				455.4	0.6%				519.3	0.6%	
	2036			2,568,750	-2.0%				441.8	-3.0%				507.0	-2.4%	
	2037			2,577,999	0.4%				445.3	0.8%				509.5	0.5%	
	2038			2,498,526	-3.1%				424.0	-4.8%				492.2	-3.4%	
	2039			2,511,571	0.5%				426.3	0.5%				494.8	0.5%	
	2040			2,530,487	0.8%				428.1	0.4%				497.7	0.6%	
CAGR^[3]	2011-2020		-1.8%		-1.9%			-4.6%		-2.4%			-1.3%		-0.7%	
	2021-2030				0.4%					0.4%					0.3%	
	2031-2040				-0.1%					-0.4%					-0.2%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

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FMPA 2021 Load Forecast - Severe Weather Case
FP&L Cities - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	209,012	180,449	196,232	225,664	249,124	267,493	286,323	292,471	259,771	216,575	192,071	192,271	2,767,453	2,805,902
	2012	197,794	187,479	206,843	206,993	244,678	252,612	284,965	274,837	252,594	233,692	181,737	197,699	2,721,923	2,709,712
	2013	196,118	182,394	194,421	211,947	230,928	261,547	266,045	283,574	253,653	238,380	200,557	202,386	2,721,950	2,693,753
	2014	187,229	159,573	167,998	174,913	203,678	214,694	235,507	242,749	209,660	191,583	158,846	167,343	2,313,772	2,437,324
	2015	173,824	159,676	177,850	191,364	213,975	229,122	243,920	240,108	218,819	198,016	185,657	180,873	2,413,205	2,366,430
	2016	176,709	160,492	176,455	177,928	209,878	234,796	261,639	250,374	224,138	196,875	162,861	175,563	2,407,707	2,436,956
	2017	170,310	151,110	171,235	184,929	216,561	221,569	247,242	248,927	193,963	205,846	163,545	170,519	2,345,756	2,341,144
	2018	188,426	157,451	162,979	173,406	195,681	221,893	239,768	241,884	234,109	213,042	174,519	168,935	2,372,093	2,355,507
	2019	170,522	154,951	169,495	181,670	222,056	233,175	244,074	242,407	224,207	216,013	164,358	165,173	2,388,102	2,399,054
	2020	169,285	161,203	180,851	177,962	195,978	224,682	246,206	248,900	227,449	199,089	162,165	172,109	2,365,881	2,378,062
Projected	2021	198,795	173,452	181,383	176,779	204,488	229,875	255,659	258,275	237,161	206,752	165,164	174,863	2,462,646	2,449,230
	2022	201,899	175,979	183,879	178,493	206,124	231,688	257,617	260,116	238,938	208,182	166,262	176,055	2,485,232	2,481,512
	2023	203,060	176,852	184,802	179,498	207,312	232,905	258,960	261,613	240,416	209,566	167,640	177,530	2,500,154	2,495,918
	2024	204,356	182,675	186,131	180,953	208,875	234,611	260,635	263,183	241,992	210,952	168,813	178,895	2,522,072	2,518,147
	2025	205,645	179,001	187,334	182,221	210,291	236,095	262,146	264,645	243,332	212,071	169,746	179,944	2,532,472	2,529,372
	2026	206,706	179,876	188,243	183,144	211,351	237,241	263,376	265,868	244,464	213,043	170,536	180,879	2,544,727	2,542,030
	2027	207,751	180,762	189,136	184,034	212,398	238,410	264,675	267,183	245,682	214,091	171,377	181,858	2,557,359	2,554,491
	2028	208,879	186,555	190,100	184,989	213,524	239,685	266,117	268,650	247,032	215,263	172,302	182,916	2,576,014	2,572,858
	2029	210,115	182,800	191,107	185,964	214,660	240,962	267,545	270,089	248,333	212,458	169,611	179,812	2,573,455	2,582,056
	2030	206,720	179,896	188,251	183,259	211,595	237,508	263,871	266,400	244,916	213,676	170,568	180,878	2,547,539	2,544,297
Projected	2031	207,993	180,921	189,248	184,215	212,712	238,778	265,324	267,887	246,285	214,765	171,392	181,790	2,561,313	2,558,487
	2032	209,133	186,898	190,351	185,262	213,947	240,198	266,960	269,563	247,828	216,101	172,421	182,921	2,581,582	2,578,087
	2033	210,524	183,218	191,494	186,350	215,218	241,655	268,639	271,271	249,393	217,457	173,452	184,047	2,592,718	2,589,205
	2034	211,902	184,454	192,694	187,481	216,531	243,152	270,349	273,011	250,975	218,822	174,490	185,170	2,609,031	2,605,504
	2035	213,279	185,668	193,882	188,613	217,853	244,667	272,095	274,799	252,611	214,470	170,587	180,336	2,608,861	2,621,950
	2036	208,249	186,504	189,839	184,638	213,040	239,115	266,030	268,732	247,209	215,783	171,574	181,410	2,572,122	2,568,750
	2037	209,551	182,723	190,856	185,590	214,134	240,351	267,427	270,134	248,466	209,845	166,257	174,874	2,560,209	2,577,999
	2038	202,043	176,825	185,408	180,352	207,890	232,935	259,293	261,894	240,910	210,895	167,049	175,754	2,501,247	2,498,526
	2039	203,131	177,784	186,332	181,240	208,939	234,151	260,704	263,346	242,245	212,051	167,924	176,733	2,514,581	2,511,571
	2040	204,350	183,631	187,347	182,200	210,067	235,450	262,207	264,882	243,646	213,254	168,825	177,735	2,533,593	2,530,487

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	7.6%	6.5%	7.1%	8.2%	9.0%	9.7%	10.3%	10.6%	9.4%	7.8%	6.9%	6.9%	100.0%
	2012	7.3%	6.9%	7.6%	7.6%	9.0%	9.3%	10.5%	10.1%	9.3%	8.6%	6.7%	7.3%	100.0%
	2013	7.2%	6.7%	7.1%	7.8%	8.5%	9.6%	9.8%	10.4%	9.3%	8.8%	7.4%	7.4%	100.0%
	2014	8.1%	6.9%	7.3%	7.6%	8.8%	9.3%	10.2%	10.5%	9.1%	8.3%	6.9%	7.2%	100.0%
	2015	7.2%	6.6%	7.4%	7.9%	8.9%	9.5%	10.1%	9.9%	9.1%	8.2%	7.7%	7.5%	100.0%
	2016	7.3%	6.7%	7.3%	7.4%	8.7%	9.8%	10.9%	10.4%	9.3%	8.2%	6.8%	7.3%	100.0%
	2017	7.3%	6.4%	7.3%	7.9%	9.2%	9.4%	10.5%	10.6%	8.3%	8.8%	7.0%	7.3%	100.0%
	2018	7.9%	6.6%	6.9%	7.3%	8.2%	9.4%	10.1%	10.2%	9.9%	9.0%	7.4%	7.1%	100.0%
	2019	7.1%	6.5%	7.1%	7.6%	9.3%	9.8%	10.2%	10.2%	9.4%	9.0%	6.9%	6.9%	100.0%
	2020	7.2%	6.8%	7.6%	7.5%	8.3%	9.5%	10.4%	10.5%	9.6%	8.4%	6.9%	7.3%	100.0%
Projected	2021	8.1%	7.0%	7.4%	7.2%	8.3%	9.3%	10.4%	10.5%	9.6%	8.4%	6.7%	7.1%	100.0%
	2022	8.1%	7.1%	7.4%	7.2%	8.3%	9.3%	10.4%	10.5%	9.6%	8.4%	6.7%	7.1%	100.0%
	2023	8.1%	7.1%	7.4%	7.2%	8.3%	9.3%	10.4%	10.5%	9.6%	8.4%	6.7%	7.1%	100.0%
	2024	8.1%	7.2%	7.4%	7.2%	8.3%	9.3%	10.3%	10.4%	9.6%	8.4%	6.7%	7.1%	100.0%
	2025	8.1%	7.1%	7.4%	7.2%	8.3%	9.3%	10.4%	10.5%	9.6%	8.4%	6.7%	7.1%	100.0%
	2026	8.1%	7.1%	7.4%	7.2%	8.3%	9.3%	10.3%	10.4%	9.6%	8.4%	6.7%	7.1%	100.0%
	2027	8.1%	7.1%	7.4%	7.2%	8.3%	9.3%	10.3%	10.4%	9.6%	8.4%	6.7%	7.1%	100.0%
	2028	8.1%	7.2%	7.4%	7.2%	8.3%	9.3%	10.3%	10.4%	9.6%	8.4%	6.7%	7.1%	100.0%
	2029	8.2%	7.1%	7.4%	7.2%	8.3%	9.4%	10.4%	10.5%	9.6%	8.3%	6.6%	7.0%	100.0%
	2030	8.1%	7.1%	7.4%	7.2%	8.3%	9.3%	10.4%	10.5%	9.6%	8.4%	6.7%	7.1%	100.0%
Avg.	2011-2020	7.4%	6.7%	7.3%	7.7%	8.8%	9.5%	10.3%	10.3%	9.3%	8.5%	7.0%	7.2%	100.0%
	2021-2030	8.1%	7.1%	7.4%	7.2%	8.3%	9.3%	10.4%	10.5%	9.6%	8.4%	6.7%	7.1%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
 Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Severe Weather Case
FP&L Cities - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	517.1	423.2	411.9	473.5	498.9	542.9	550.9	568.1	523.7	455.1	404.6	375.4	574.7	568.1
	2012	487.9	487.6	399.4	449.5	500.1	545.1	552.6	534.3	512.8	485.9	390.0	430.0	487.9	552.6
	2013	411.5	490.6	480.3	444.2	478.7	540.0	525.0	541.5	525.7	492.0	435.7	413.3	490.6	541.5
	2014	446.5	394.1	349.8	383.9	418.3	445.4	470.8	475.7	458.0	405.6	409.8	354.2	446.5	475.7
	2015	384.0	476.8	356.4	417.3	437.7	471.5	478.3	469.9	455.3	408.9	401.6	358.8	476.8	478.3
	2016	437.5	426.1	379.0	400.0	431.8	481.4	501.8	484.4	453.7	423.9	344.6	363.7	437.5	501.8
	2017	411.0	333.6	388.3	411.6	456.4	458.5	480.1	485.1	461.3	426.9	355.2	391.3	411.0	485.1
	2018	474.7	357.3	372.6	366.9	396.1	469.7	475.7	470.6	471.8	429.8	403.8	403.0	474.7	475.7
	2019	402.2	362.5	381.8	390.3	458.8	486.4	484.7	492.9	469.2	431.3	376.0	353.3	403.8	492.9
	2020	414.8	389.6	385.3	409.6	421.6	490.7	489.8	487.6	484.9	428.0	378.6	399.3	414.8	490.7
Projected	2021	481.8	439.5	398.9	419.7	463.7	505.9	510.2	511.7	490.7	444.8	390.3	405.7	481.8	511.7
	2022	489.7	446.7	403.6	422.9	467.3	509.9	514.2	515.7	494.5	448.2	392.7	408.2	489.7	515.7
	2023	492.7	449.5	406.3	425.3	470.0	512.7	517.0	518.5	497.2	450.8	394.4	410.1	492.7	518.5
	2024	494.8	451.5	408.4	428.2	473.1	516.0	520.4	521.9	500.4	453.8	397.5	414.1	494.8	521.9
	2025	499.3	455.8	411.3	430.7	475.9	519.0	523.4	524.9	503.2	456.4	399.9	416.5	499.3	524.9
	2026	502.1	458.5	413.5	432.8	478.3	521.5	525.9	527.4	505.6	458.6	401.9	418.8	502.1	527.4
	2027	504.9	461.1	415.9	435.0	480.8	524.1	528.5	530.0	508.1	461.0	403.7	420.1	504.9	530.0
	2028	506.6	462.5	418.0	437.5	483.5	526.9	531.4	532.9	510.8	463.6	406.5	423.8	506.6	532.9
	2029	511.0	466.6	420.9	439.9	486.2	529.7	534.2	535.7	513.5	457.5	400.8	417.0	511.0	535.7
	2030	501.3	458.5	414.3	434.0	479.5	522.2	526.6	528.0	506.2	459.9	403.3	419.6	501.3	528.0
Projected	2031	504.1	461.1	416.7	436.5	482.2	525.1	529.5	530.8	509.0	462.5	405.2	420.8	504.1	530.8
	2032	506.1	462.8	419.1	439.2	485.2	528.3	532.8	534.1	512.1	465.4	408.2	424.7	506.1	534.1
	2033	510.5	466.9	422.2	442.0	488.3	531.5	536.1	537.4	515.2	468.3	410.9	427.5	510.5	537.4
	2034	514.0	470.1	425.2	444.9	491.4	534.8	539.4	540.7	518.4	471.4	413.6	430.3	514.0	540.7
	2035	517.3	473.1	428.0	447.8	494.7	538.2	542.8	544.2	521.7	461.0	404.6	418.6	517.3	544.2
	2036	503.3	460.6	418.2	437.9	483.2	525.9	530.2	531.2	509.6	464.0	407.7	422.4	503.3	531.2
	2037	507.5	464.6	421.1	440.3	485.7	528.5	532.9	533.9	512.2	449.1	393.8	405.5	507.5	533.9
	2038	486.5	445.5	405.8	426.7	469.7	511.0	515.1	515.6	495.2	451.5	396.1	407.8	486.5	515.6
	2039	489.2	448.0	408.1	429.0	472.3	513.8	517.9	518.3	497.9	454.0	398.2	409.3	489.2	518.3
	2040	491.1	449.6	410.4	431.6	475.2	516.7	520.8	521.3	500.7	456.7	400.8	413.2	491.1	521.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	54.3%	63.5%	64.0%	66.2%	67.1%	68.4%	69.9%	69.2%	68.9%	64.0%	65.9%	68.8%	55.0%	56.4%
	2012	54.5%	55.2%	69.6%	64.0%	65.8%	64.4%	69.3%	69.1%	68.4%	64.6%	64.7%	61.8%	63.7%	56.0%
	2013	64.1%	55.3%	54.4%	66.3%	64.8%	67.3%	68.1%	70.4%	67.0%	65.1%	63.9%	65.8%	63.3%	56.8%
	2014	56.4%	60.2%	64.6%	63.3%	65.4%	66.9%	67.2%	68.6%	63.6%	63.5%	53.8%	63.5%	59.1%	58.5%
	2015	60.8%	49.8%	67.1%	63.7%	65.7%	67.5%	68.5%	68.7%	66.8%	65.1%	64.2%	67.8%	57.8%	56.5%
	2016	54.3%	54.1%	62.6%	61.8%	65.3%	67.7%	70.1%	69.5%	68.6%	62.4%	65.6%	64.9%	62.8%	55.4%
	2017	55.7%	67.4%	59.3%	62.4%	63.8%	67.1%	69.2%	69.0%	58.4%	64.8%	63.9%	58.6%	65.2%	55.1%
	2018	53.4%	65.6%	58.8%	65.6%	66.4%	65.6%	67.7%	69.1%	68.9%	66.6%	60.0%	56.3%	57.0%	56.5%
	2019	57.0%	63.6%	59.7%	64.7%	65.1%	66.6%	67.7%	66.1%	66.4%	67.3%	60.7%	62.8%	67.5%	55.6%
	2020	54.9%	59.4%	63.1%	60.3%	62.5%	63.6%	67.6%	68.6%	65.2%	62.5%	59.5%	57.9%	65.1%	55.3%
Projected	2021	55.5%	58.7%	61.1%	58.5%	59.3%	63.1%	67.4%	67.8%	67.1%	62.5%	58.8%	57.9%	58.4%	54.6%
	2022	55.4%	58.6%	61.2%	58.6%	59.3%	63.1%	67.3%	67.8%	67.1%	62.4%	58.8%	58.0%	57.9%	54.9%
	2023	55.4%	58.5%	61.1%	58.6%	59.3%	63.1%	67.3%	67.8%	67.2%	62.5%	59.0%	58.2%	57.9%	54.9%
	2024	55.5%	58.1%	61.3%	58.7%	59.3%	63.1%	67.3%	67.8%	67.2%	62.5%	59.0%	58.1%	58.2%	55.1%
	2025	55.4%	58.4%	61.2%	58.8%	59.4%	63.2%	67.3%	67.8%	67.2%	62.5%	59.0%	58.1%	57.9%	55.0%
	2026	55.3%	58.4%	61.2%	58.8%	59.4%	63.2%	67.3%	67.8%	67.2%	62.4%	58.9%	58.1%	57.9%	55.0%
	2027	55.3%	58.3%	61.1%	58.8%	59.4%	63.2%	67.3%	67.8%	67.2%	62.4%	59.0%	58.2%	57.8%	55.0%
	2028	55.4%	58.0%	61.1%	58.7%	59.4%	63.2%	67.3%	67.8%	67.2%	62.4%	58.9%	58.0%	58.1%	55.1%
	2029	55.3%	58.3%	61.0%	58.7%	59.3%	63.2%	67.3%	67.8%	67.2%	62.4%	58.8%	58.0%	57.5%	55.0%
	2030	55.4%	58.4%	61.1%	58.6%	59.3%	63.2%	67.3%	67.8%	67.2%	62.5%	58.7%	57.9%	58.0%	55.0%
Avg.	2011-2020	56.5%	59.4%	62.3%	63.8%	65.2%	66.5%	68.5%	68.8%	66.2%	64.6%	62.2%	62.8%	61.7%	56.2%
	2021-2030	55.4%	58.4%	61.1%	58.7%	59.3%	63.2%	67.3%	67.8%	67.2%	62.4%	58.9%	58.0%	58.0%	55.0%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Severe Weather Case
FP&L Cities - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	500.8	365.5	374.8	458.0	465.0	519.7	523.8	534.8	472.2	443.3	385.4	340.4	544.4	534.8
	2012	469.7	440.5	381.5	430.4	470.5	487.5	527.2	502.8	475.1	467.8	343.0	349.1	469.7	527.2
	2013	321.0	423.2	425.0	423.2	466.1	515.3	478.7	524.0	503.5	465.1	408.2	370.8	425.0	524.0
	2014	384.4	331.5	304.0	378.9	404.1	424.2	452.6	452.1	412.6	392.8	322.8	308.9	384.4	452.1
	2015	319.7	456.4	333.9	368.4	434.7	444.3	450.7	438.2	446.2	397.9	390.9	340.3	456.4	444.3
	2016	383.2	384.8	358.7	388.2	394.5	457.4	484.9	474.4	425.5	365.9	333.5	328.8	390.9	484.9
	2017	306.6	323.4	344.6	406.6	447.4	440.6	461.4	467.3	446.0	418.5	323.3	338.7	344.6	467.3
	2018	446.1	325.5	329.8	336.6	378.2	452.3	441.9	464.7	454.6	422.7	364.8	331.2	446.1	464.7
	2019	334.6	333.8	336.9	376.5	427.8	470.0	468.5	438.7	459.7	404.2	374.7	304.6	364.8	470.0
	2020	372.6	340.9	355.3	382.9	406.7	475.6	466.8	468.6	464.9	410.3	348.5	353.4	355.3	475.6
Projected	2021	425.4	398.6	363.5	400.4	445.1	482.3	486.0	488.7	466.3	426.6	359.2	359.0	425.4	488.7
	2022	432.4	405.0	367.7	403.5	448.6	486.0	489.8	492.4	469.8	429.8	361.5	361.2	432.4	492.4
	2023	435.2	407.5	370.1	405.7	451.1	488.7	492.5	495.1	472.4	432.3	363.0	362.7	435.2	495.1
	2024	436.7	409.1	372.0	408.4	454.0	491.8	495.7	498.2	475.4	435.1	365.8	366.0	436.7	498.2
	2025	440.3	412.8	374.6	410.8	456.7	494.7	498.5	501.1	478.1	437.6	368.0	368.1	440.3	501.1
	2026	442.8	415.1	376.5	412.8	459.0	497.0	500.9	503.4	480.3	439.8	369.9	370.1	442.8	503.4
	2027	445.2	417.4	378.7	414.9	461.3	499.4	503.4	505.9	482.6	442.0	371.5	371.3	445.2	505.9
	2028	446.8	418.7	380.6	417.3	464.0	502.1	506.1	508.6	485.2	444.5	374.1	374.5	446.8	508.6
	2029	450.5	422.4	383.3	419.6	466.5	504.8	508.7	511.3	487.8	438.7	368.8	368.3	450.5	511.3
	2030	441.4	414.8	377.3	413.7	459.9	497.4	501.5	503.9	480.7	441.0	371.1	370.6	441.4	503.9
Projected	2031	443.9	417.1	379.5	416.1	462.5	500.1	504.2	506.6	483.3	443.4	372.9	371.7	443.9	506.6
	2032	445.7	418.8	381.7	418.7	465.4	503.1	507.3	509.7	486.2	446.2	375.6	375.2	445.7	509.7
	2033	449.5	422.4	384.5	421.3	468.3	506.2	510.4	512.9	489.2	449.1	378.1	377.6	449.5	512.9
	2034	452.5	425.3	387.2	424.1	471.4	509.3	513.6	516.1	492.3	452.0	380.7	380.1	452.5	516.1
	2035	455.4	428.0	389.8	426.8	474.4	512.5	516.8	519.3	495.4	441.9	372.1	369.5	455.4	519.3
	2036	441.8	416.1	380.6	417.1	463.1	500.5	504.6	507.0	483.9	444.8	374.9	372.8	441.8	507.0
	2037	445.3	419.6	383.2	419.3	465.5	503.0	507.2	509.5	486.4	430.8	362.3	358.0	445.3	509.5
	2038	424.0	402.2	369.8	406.0	449.9	485.7	490.2	492.2	470.0	433.0	364.4	359.9	424.0	492.2
	2039	426.3	404.4	371.9	408.3	452.4	488.4	492.8	494.8	472.5	435.5	366.4	361.3	426.3	494.8
	2040	428.1	406.0	374.0	410.7	455.1	491.1	495.6	497.7	475.2	438.1	368.8	364.6	428.1	497.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	96.9%	86.4%	91.0%	96.7%	93.2%	95.7%	95.1%	94.1%	90.2%	97.4%	95.2%	90.7%	94.7%	94.1%
	2012	96.3%	90.3%	95.5%	95.7%	94.1%	89.4%	95.4%	94.1%	92.7%	96.3%	88.0%	81.2%	96.3%	95.4%
	2013	78.0%	86.3%	88.5%	95.3%	97.4%	95.4%	91.2%	96.8%	95.8%	94.5%	93.7%	89.7%	86.6%	96.8%
	2014	86.1%	84.1%	86.9%	98.7%	96.6%	95.2%	96.1%	95.0%	90.1%	96.8%	78.8%	87.2%	86.1%	95.0%
	2015	83.3%	95.7%	93.7%	88.3%	99.3%	94.2%	93.3%	98.0%	97.3%	97.3%	94.8%	95.7%	92.9%	92.9%
	2016	87.6%	90.3%	94.6%	97.0%	91.4%	95.0%	96.6%	97.9%	93.8%	86.3%	96.8%	90.4%	89.3%	96.6%
	2017	74.6%	96.9%	88.7%	98.8%	98.0%	96.1%	96.1%	96.3%	96.7%	98.0%	91.0%	86.6%	83.8%	96.3%
	2018	94.0%	91.1%	88.5%	91.7%	95.5%	96.3%	92.9%	98.7%	96.4%	98.4%	90.3%	82.2%	94.0%	97.7%
	2019	83.2%	92.1%	88.2%	96.5%	93.2%	96.6%	96.7%	89.0%	98.0%	93.7%	99.6%	86.2%	90.3%	95.3%
	2020	89.8%	87.5%	92.2%	93.5%	96.5%	96.9%	95.3%	96.1%	95.9%	95.9%	92.1%	88.5%	85.7%	96.9%
Projected	2021	88.3%	90.7%	91.1%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.5%	88.3%	95.5%
	2022	88.3%	90.7%	91.1%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.5%	88.3%	95.5%
	2023	88.3%	90.7%	91.1%	95.4%	96.0%	95.3%	95.3%	95.5%	95.0%	95.9%	92.0%	88.5%	88.3%	95.5%
	2024	88.3%	90.6%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.4%	88.3%	95.5%
	2025	88.2%	90.6%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.4%	88.2%	95.5%
	2026	88.2%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.4%	88.2%	95.5%
	2027	88.2%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.4%	88.2%	95.5%
	2028	88.2%	90.5%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.4%	88.2%	95.5%
	2029	88.2%	90.5%	91.0%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.3%	88.2%	95.5%
	2030	88.0%	90.5%	91.1%	95.3%	95.9%	95.2%	95.2%	95.4%	95.0%	95.9%	92.0%	88.3%	88.0%	95.4%
	2011-2020	87.0%	90.1%	90.8%	95.2%	95.5%	95.1%	95.0%	95.1%	94.7%	95.5%	92.3%	87.8%	90.3%	95.7%
	2021-2030	88.2%	90.6%	91.1%	95.4%	96.0%	95.3%	95.2%	95.5%	95.0%	95.9%	92.0%	88.4%	88.2%	95.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Severe Weather Case
Duke Energy Florida Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,930,773	-	1,862,167	-	-3.6%	416.1	-	400.8	-	-3.7%	407.5	-	381.7	-	-6.3%
	2012	1,820,328	-5.7%	1,841,720	-1.1%	1.2%	381.2	-8.4%	367.8	-8.2%	-3.5%	373.5	-8.3%	421.5	10.4%	12.9%
	2013	1,827,744	0.4%	1,842,068	0.0%	0.8%	342.2	-10.2%	345.3	-6.1%	0.9%	391.2	4.7%	401.1	-4.8%	2.5%
	2014	1,853,952	1.4%	1,858,357	0.9%	0.2%	371.1	8.5%	390.7	13.2%	5.3%	406.2	3.8%	407.7	1.6%	0.4%
	2015	1,900,777	2.5%	1,866,466	0.4%	-1.8%	407.3	9.7%	393.1	0.6%	-3.5%	419.3	3.2%	425.7	4.4%	1.5%
	2016	1,957,034	3.0%	1,909,678	2.3%	-2.4%	342.9	-15.8%	387.1	-1.5%	12.9%	428.8	2.3%	420.1	-1.3%	-2.0%
	2017	1,903,845	-2.7%	1,923,613	0.7%	1.0%	308.1	-10.2%	352.9	-8.8%	14.6%	423.5	-1.2%	441.7	5.1%	4.3%
	2018	1,959,853	2.9%	1,914,159	-0.5%	-2.3%	440.7	43.0%	433.4	22.8%	-1.7%	424.2	0.2%	421.4	-4.6%	-0.7%
	2019	2,001,879	2.1%	1,935,442	1.1%	-3.3%	324.2	-26.4%	413.4	-4.6%	27.5%	449.9	6.1%	442.5	5.0%	-1.6%
	2020	2,022,399	1.0%	2,028,796	4.8%	0.3%	365.5	12.7%	409.9	-0.9%	12.2%	445.3	-1.0%	442.0	-0.1%	-0.7%
Projected	2021	2,114,271	4.5%	2,114,271	4.2%		449.1	22.9%	449.1	9.6%		467.7	5.0%	467.7	5.8%	
	2022			2,142,687	1.3%				454.9	1.3%				473.5	1.3%	
	2023			2,165,606	1.1%				460.1	1.1%				477.7	0.9%	
	2024			2,189,895	1.1%				465.6	1.2%				480.9	0.7%	
	2025			2,196,661	0.3%				466.4	0.2%				484.1	0.7%	
	2026			2,211,121	0.7%				469.4	0.6%				487.2	0.6%	
	2027			2,226,239	0.7%				472.5	0.7%				490.6	0.7%	
	2028			2,237,415	0.5%				474.7	0.5%				491.5	0.2%	
	2029			2,246,740	0.4%				476.2	0.3%				495.4	0.8%	
	2030			2,265,490	0.8%				480.0	0.8%				499.7	0.9%	
	2031			2,285,357	0.9%				484.2	0.9%				504.0	0.9%	
	2032			2,313,458	1.2%				490.6	1.3%				508.3	0.9%	
	2033			2,324,967	0.5%				492.5	0.4%				512.7	0.9%	
	2034			2,345,201	0.9%				496.8	0.9%				517.1	0.9%	
	2035			2,365,312	0.9%				500.9	0.8%				521.6	0.9%	
	2036			2,394,863	1.2%				507.7	1.3%				526.1	0.9%	
	2037			2,405,935	0.5%				509.6	0.4%				530.4	0.8%	
	2038			2,425,630	0.8%				513.6	0.8%				534.8	0.8%	
	2039			2,446,290	0.9%				518.0	0.9%				539.3	0.8%	
	2040			2,475,867	1.2%				524.7	1.3%				543.8	0.8%	
CAGR^[3]	2011-2020		0.5%		1.0%			-1.4%		0.3%			1.0%		1.6%	
	2021-2030				0.8%					0.7%					0.7%	
	2031-2040				0.9%					0.9%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

Notes Regarding the Timing of Inclusion of Members in the ARP:

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Ft. Meade is assumed to take service on the basis of a CROD of 9.0 MW beginning Oct-27

GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Severe Weather Case
Duke Energy Florida Cities - Supplied
2021 v. 2020 (Base Case) Forecast Results Comparison (Gross of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)
Historical	2011	1,930,773	-	1,930,773	-	420.5	416.2	420.5	416.2	416.1	407.5	416.1	410.6
	2012	1,820,328	-5.7%	1,820,328	-5.7%	385.4	391.7	385.4	391.7	381.2	373.5	381.2	385.4
	2013	1,827,744	0.4%	1,827,744	0.4%	346.7	402.4	346.7	402.4	342.2	391.2	342.3	391.2
	2014	1,853,952	1.4%	1,853,952	1.4%	374.8	413.9	374.8	413.9	371.1	406.2	371.1	406.2
	2015	1,900,777	2.5%	1,902,497	2.6%	407.5	422.7	408.2	423.0	407.3	419.3	407.6	419.6
	2016	1,957,034	3.0%	1,957,621	2.9%	379.2	435.4	379.2	435.4	342.9	428.8	375.9	428.8
	2017	1,903,845	-2.7%	1,903,845	-2.7%	344.8	429.5	344.8	429.5	308.1	423.5	340.7	423.5
	2018	1,959,853	2.9%	1,959,853	2.9%	446.6	426.6	446.6	426.6	440.7	424.2	440.7	424.2
	2019	2,001,879	2.1%	2,001,879	2.1%	366.3	450.2	366.3	450.2	324.2	449.9	349.1	449.9
	2020	2,022,399	1.0%	2,079,556	3.9%	380.9	453.3	449.7	463.6	365.5	445.3	444.9	456.5
Projected	2021	2,114,271	4.5%	2,091,959	0.6%	453.7	474.7	451.8	467.1	449.1	467.7	446.9	460.0
	2022	2,142,687	1.3%	2,110,342	0.9%	459.6	480.6	455.7	471.2	454.9	473.5	450.8	464.0
	2023	2,165,606	1.1%	2,126,756	0.8%	464.9	484.9	459.3	474.7	460.1	477.7	454.4	467.4
	2024	2,189,895	1.1%	2,150,131	1.1%	470.4	488.1	464.9	478.1	465.6	480.9	459.9	470.8
	2025	2,196,661	0.3%	2,157,523	0.3%	471.2	491.3	465.9	481.5	466.4	484.1	461.0	474.1
	2026	2,211,121	0.7%	2,172,584	0.7%	474.2	494.5	469.2	484.8	469.4	487.2	464.2	477.4
	2027	2,226,239	0.7%	2,187,073	0.7%	477.3	497.9	472.3	488.0	472.5	490.6	467.3	480.5
	2028	2,237,415	0.5%	2,194,415	0.3%	479.3	498.8	473.6	487.9	474.7	491.5	468.8	480.5
	2029	2,246,740	0.4%	2,199,301	0.2%	480.8	502.7	474.2	490.8	476.2	495.4	469.3	483.3
	2030	2,265,490	0.8%	2,212,524	0.6%	484.6	507.1	476.8	493.8	480.0	499.7	472.0	486.3
	2031	2,285,357	0.9%	2,227,187	0.7%	488.9	511.4	480.0	497.1	484.2	504.0	475.1	489.5
	2032	2,313,458	1.2%	2,250,148	1.0%	495.3	515.8	485.5	500.3	490.6	508.3	480.5	492.7
	2033	2,324,967	0.5%	2,256,284	0.3%	497.2	520.3	486.2	503.5	492.5	512.7	481.3	495.8
	2034	2,345,201	0.9%	2,270,232	0.6%	501.6	524.8	489.3	506.5	496.8	517.1	484.3	498.8
	2035	2,365,312	0.9%	2,283,519	0.6%	505.7	529.3	492.0	509.5	500.9	521.6	487.0	501.7
	2036	2,394,863	1.2%	2,305,823	1.0%	512.5	533.9	497.4	512.5	507.7	526.1	492.4	504.7
	2037	2,405,935	0.5%	2,310,025	0.2%	514.5	538.2	497.8	515.3	509.6	530.4	492.7	507.4
	2038	2,425,630	0.8%	2,322,614	0.5%	518.6	542.7	500.4	518.2	513.6	534.8	495.3	510.3
	2039	2,446,290	0.9%	2,335,985	0.6%	523.0	547.3	503.3	521.1	518.0	539.3	498.2	513.2
	2040	2,475,867	1.2%			529.8	551.9			524.7	543.8		
CAGR ^[1]	Historical		0.5%		0.5%	-1.1%	1.0%	-1.7%	1.0%	-0.5%	2.2%	-1.2%	2.2%
	1st 10 Prj Yrs		0.8%		0.6%	0.7%	0.7%	0.6%	0.6%	0.7%	0.7%	0.6%	0.6%
	2nd 10 Prj Yrs		0.9%		0.6%	0.9%	0.8%	0.6%	0.6%	0.9%	0.8%	0.6%	0.6%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
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[1] CAGR - Compound Annual Growth Rate

FMPA 2021 Load Forecast - Severe Weather Case
Duke Energy Florida Cities - Supplied
Historical and Projected Net Energy for Load and ARP Coincident Peak Demand - Net of Incremental Distr. PV

		Net Energy for Load (FY)					Coincident Peak Demand w/ARP Seasonal CP ^[1,2]									
							Winter Demand (prior Nov - current Mar)					Summer Demand (Apr-Oct)				
		Actual (MWh)	Percent Change	Weather-normalized (MWh)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.	Actual (MW)	Percent Change	Weather-normalized (MW)	Percent Change	Percent Diff.
Historical	2011	1,930,773	-	1,862,167	-	-3.6%	416.1	-	400.8	-	-3.7%	407.5	-	381.7	-	-6.3%
	2012	1,820,328	-5.7%	1,841,720	-1.1%	1.2%	381.2	-8.4%	367.8	-8.2%	-3.5%	373.5	-8.3%	421.5	10.4%	12.9%
	2013	1,827,744	0.4%	1,842,068	0.0%	0.8%	342.2	-10.2%	345.3	-6.1%	0.9%	391.2	4.7%	401.1	-4.8%	2.5%
	2014	1,853,952	1.4%	1,858,357	0.9%	0.2%	371.1	8.5%	390.7	13.2%	5.3%	406.2	3.8%	407.7	1.6%	0.4%
	2015	1,902,497	2.6%	1,866,466	0.4%	-1.9%	407.6	9.8%	393.1	0.6%	-3.5%	419.6	3.3%	425.7	4.4%	1.4%
	2016	1,959,340	3.0%	1,909,678	2.3%	-2.5%	343.2	-15.8%	387.1	-1.5%	12.8%	429.1	2.3%	420.1	-1.3%	-2.1%
	2017	1,904,433	-2.8%	1,923,613	0.7%	1.0%	308.1	-10.2%	352.9	-8.8%	14.6%	423.5	-1.3%	441.7	5.1%	4.3%
	2018	1,959,853	2.9%	1,914,159	-0.5%	-2.3%	440.7	43.0%	433.4	22.8%	-1.7%	424.2	0.2%	421.4	-4.6%	-0.7%
	2019	2,001,879	2.1%	1,935,442	1.1%	-3.3%	324.2	-26.4%	413.4	-4.6%	27.5%	449.9	6.1%	442.5	5.0%	-1.6%
	2020	2,022,399	1.0%	2,006,848	3.7%	-0.8%	365.5	12.7%	409.9	-0.9%	12.2%	445.3	-1.0%	442.0	-0.1%	-0.7%
Projected	2021	2,110,356	4.3%	2,110,356	5.2%		449.1	22.9%	449.1	9.6%		466.7	4.8%	466.7	5.6%	
	2022			2,137,339	1.3%				454.9	1.3%				472.3	1.2%	
	2023			2,158,818	1.0%				460.1	1.1%				476.1	0.8%	
	2024			2,181,488	1.1%				465.6	1.2%				478.9	0.6%	
	2025			2,186,503	0.2%				466.4	0.2%				481.6	0.6%	
	2026			2,198,563	0.6%				469.4	0.6%				484.2	0.5%	
	2027			2,211,074	0.6%				472.5	0.7%				487.0	0.6%	
	2028			2,219,465	0.4%				474.7	0.5%				487.3	0.1%	
	2029			2,225,915	0.3%				476.2	0.3%				490.5	0.7%	
	2030			2,241,641	0.7%				480.0	0.8%				494.0	0.7%	
	2031			2,259,498	0.8%				484.2	0.9%				497.9	0.8%	
	2032			2,285,492	1.2%				490.6	1.3%				501.7	0.8%	
	2033			2,294,938	0.4%				492.5	0.4%				505.6	0.8%	
	2034			2,313,097	0.8%				496.8	0.9%				509.5	0.8%	
	2035			2,331,026	0.8%				500.9	0.8%				513.5	0.8%	
	2036			2,358,186	1.2%				507.7	1.3%				517.4	0.8%	
	2037			2,366,851	0.4%				509.6	0.4%				521.1	0.7%	
	2038			2,384,069	0.7%				513.6	0.8%				524.9	0.7%	
	2039			2,402,096	0.8%				518.0	0.9%				528.8	0.7%	
	2040			2,428,914	1.1%				524.7	1.3%				532.7	0.7%	
CAGR^[3]	2011-2020		0.5%		0.8%			-1.4%		0.3%			1.0%		1.6%	
	2021-2030				0.7%					0.7%					0.6%	
	2031-2040				0.8%					0.9%					0.8%	

[1] Historical data may have been impacted by the local dispatch of load management and distributed generation resources.

[2] The weather-normalized coincident peak demands reflect an independent determination of the ARP peak month, which may be different than the actual peak month.

[3] CAGR - Compound Annual Growth Rate

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GCS is assumed to take service on the basis of a CROD of 23.6 MW beginning Oct-29

FMPA 2021 Load Forecast - Severe Weather Case
Duke Energy Florida Cities - Supplied
Monthly Net Energy for Load (MWh) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY Total	FY Total
Historical	2011	152,375	126,194	131,429	147,730	169,503	183,822	188,565	201,342	175,698	137,798	125,307	132,269	1,872,030	1,930,773
	2012	142,196	125,894	139,027	142,877	169,382	164,976	186,229	183,698	170,677	152,038	126,540	137,410	1,840,943	1,820,328
	2013	135,758	126,422	136,897	141,458	156,355	174,618	175,873	189,899	174,475	153,896	127,773	135,566	1,828,991	1,827,744
	2014	161,655	125,071	129,480	138,377	163,443	171,918	185,775	193,339	167,658	149,219	131,467	140,713	1,858,115	1,853,952
	2015	146,342	135,477	142,180	151,137	172,147	185,413	185,670	190,005	172,729	152,030	142,943	140,517	1,916,589	1,902,497
	2016	149,700	135,337	138,366	142,125	169,913	194,799	209,266	201,242	183,103	155,850	130,461	137,293	1,947,454	1,959,340
	2017	140,507	120,973	139,593	150,249	177,053	177,153	195,682	204,773	174,846	165,369	130,142	142,869	1,919,208	1,904,433
	2018	173,303	128,560	135,746	138,814	165,178	187,216	190,961	204,433	197,264	173,536	140,929	143,251	1,979,190	1,959,853
	2019	153,631	126,816	137,941	147,472	189,981	194,216	199,139	203,190	191,778	179,040	136,669	140,608	2,000,480	2,001,879
	2020	148,602	137,502	158,270	150,056	171,213	194,624	206,781	208,763	190,271	165,379	139,696	163,676	2,034,833	2,022,399
Projected	2021	178,685	149,452	148,520	149,454	179,159	201,884	215,838	221,376	197,238	167,510	141,684	165,620	2,116,419	2,110,356
	2022	180,742	151,625	151,001	151,012	181,894	204,044	218,523	224,212	199,474	169,685	143,571	167,685	2,143,466	2,137,339
	2023	182,542	153,274	152,540	152,619	183,804	205,773	220,302	226,013	201,011	171,046	144,840	168,973	2,162,736	2,158,818
	2024	183,719	162,272	153,566	153,816	185,130	207,032	221,628	227,316	202,150	172,183	145,831	170,062	2,184,705	2,181,488
	2025	184,702	155,158	154,472	154,802	186,319	208,209	222,869	228,598	203,298	173,164	146,687	171,105	2,189,383	2,186,503
	2026	185,717	156,039	155,292	155,676	187,380	209,311	224,029	229,801	204,363	174,101	147,481	172,137	2,201,327	2,198,563
	2027	186,791	156,965	156,130	156,563	188,482	210,483	225,295	231,115	205,531	174,054	147,407	172,163	2,210,979	2,211,074
	2028	186,724	165,179	156,090	156,546	188,528	210,569	225,396	231,257	205,550	175,160	148,333	173,381	2,222,714	2,219,465
	2029	188,030	158,108	157,068	157,569	189,799	211,942	226,863	232,775	206,888	176,318	149,299	174,644	2,229,302	2,225,915
	2030	189,380	159,266	158,120	158,668	191,166	213,440	228,484	234,468	208,388	177,724	150,487	176,132	2,245,723	2,241,641
Projected	2031	190,972	160,594	159,349	159,916	192,690	215,105	230,256	236,287	209,986	179,095	151,630	177,556	2,263,436	2,259,498
	2032	192,504	170,315	160,555	161,149	194,201	216,760	232,026	238,109	211,592	180,481	152,795	179,009	2,289,496	2,285,492
	2033	194,062	163,194	161,774	162,399	195,734	218,444	233,830	239,975	213,241	181,915	154,000	180,511	2,299,079	2,294,938
	2034	195,673	164,550	163,031	163,681	197,293	220,140	235,630	241,818	214,855	183,295	155,152	181,942	2,317,060	2,313,097
	2035	197,205	165,852	164,253	164,940	198,842	221,841	237,457	243,712	216,533	184,742	156,370	183,475	2,335,225	2,331,026
	2036	198,849	175,934	165,525	166,239	200,425	223,564	239,289	245,592	218,180	186,150	157,541	184,944	2,362,234	2,358,186
	2037	200,418	168,539	166,714	167,453	201,904	225,166	240,988	247,333	219,699	187,460	158,631	186,317	2,370,624	2,366,851
	2038	201,894	169,801	167,878	168,656	203,391	226,802	242,751	249,166	221,322	188,858	159,799	187,817	2,388,135	2,384,069
	2039	203,520	171,156	169,103	169,906	204,925	228,486	244,554	251,022	222,950	190,255	160,956	189,299	2,406,132	2,402,096
	2040	205,122	181,474	170,320	171,146	206,448	230,152	246,334	252,854	224,553	191,635	162,097	190,760	2,432,896	2,428,914

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	2011	8.1%	6.7%	7.0%	7.9%	9.1%	9.8%	10.1%	10.8%	9.4%	7.4%	6.7%	7.1%	100.0%
	2012	7.7%	6.8%	7.6%	7.8%	9.2%	9.0%	10.1%	10.0%	9.3%	8.3%	6.9%	7.5%	100.0%
	2013	7.4%	6.9%	7.5%	7.7%	8.5%	9.5%	9.6%	10.4%	9.5%	8.4%	7.0%	7.4%	100.0%
	2014	8.7%	6.7%	7.0%	7.4%	8.8%	9.3%	10.0%	10.4%	9.0%	8.0%	7.1%	7.6%	100.0%
	2015	7.6%	7.1%	7.4%	7.9%	9.0%	9.7%	9.7%	9.9%	9.0%	7.9%	7.5%	7.3%	100.0%
	2016	7.7%	6.9%	7.1%	7.3%	8.7%	10.0%	10.7%	10.3%	9.4%	8.0%	6.7%	7.0%	100.0%
	2017	7.3%	6.3%	7.3%	7.8%	9.2%	9.2%	10.2%	10.7%	9.1%	8.6%	6.8%	7.4%	100.0%
	2018	8.8%	6.5%	6.9%	7.0%	8.3%	9.5%	9.6%	10.3%	10.0%	8.8%	7.1%	7.2%	100.0%
	2019	7.7%	6.3%	6.9%	7.4%	9.5%	9.7%	10.0%	10.2%	9.6%	8.9%	6.8%	7.0%	100.0%
	2020	7.3%	6.8%	7.8%	7.4%	8.4%	9.6%	10.2%	10.3%	9.4%	8.1%	6.9%	8.0%	100.0%
Projected	2021	8.4%	7.1%	7.0%	7.1%	8.5%	9.5%	10.2%	10.5%	9.3%	7.9%	6.7%	7.8%	100.0%
	2022	8.4%	7.1%	7.0%	7.0%	8.5%	9.5%	10.2%	10.5%	9.3%	7.9%	6.7%	7.8%	100.0%
	2023	8.4%	7.1%	7.1%	7.1%	8.5%	9.5%	10.2%	10.5%	9.3%	7.9%	6.7%	7.8%	100.0%
	2024	8.4%	7.4%	7.0%	7.0%	8.5%	9.5%	10.1%	10.4%	9.3%	7.9%	6.7%	7.8%	100.0%
	2025	8.4%	7.1%	7.1%	7.1%	8.5%	9.5%	10.2%	10.4%	9.3%	7.9%	6.7%	7.8%	100.0%
	2026	8.4%	7.1%	7.1%	7.1%	8.5%	9.5%	10.2%	10.4%	9.3%	7.9%	6.7%	7.8%	100.0%
	2027	8.4%	7.1%	7.1%	7.1%	8.5%	9.5%	10.2%	10.5%	9.3%	7.9%	6.7%	7.8%	100.0%
	2028	8.4%	7.4%	7.0%	7.0%	8.5%	9.5%	10.1%	10.4%	9.2%	7.9%	6.7%	7.8%	100.0%
	2029	8.4%	7.1%	7.0%	7.1%	8.5%	9.5%	10.2%	10.4%	9.3%	7.9%	6.7%	7.8%	100.0%
	2030	8.4%	7.1%	7.0%	7.1%	8.5%	9.5%	10.2%	10.4%	9.3%	7.9%	6.7%	7.8%	100.0%
Avg.	2011-2020	7.8%	6.7%	7.2%	7.6%	8.9%	9.5%	10.0%	10.3%	9.4%	8.2%	6.9%	7.4%	100.0%
	2021-2030	8.4%	7.2%	7.0%	7.1%	8.5%	9.5%	10.2%	10.4%	9.3%	7.9%	6.7%	7.8%	100.0%

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 Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Severe Weather Case
Duke Energy Florida Cities - Supplied
Monthly Non-Coincident Peak Demand (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	403.3	334.3	261.1	356.0	380.1	415.7	403.6	416.2	376.6	307.4	267.9	266.6	420.5	416.2
	2012	385.4	369.1	287.6	329.8	367.7	383.7	391.7	391.4	380.7	346.5	277.1	289.2	385.4	391.7
	2013	288.9	344.0	346.7	315.0	346.3	389.5	387.3	402.4	388.4	339.6	283.2	281.1	346.7	402.4
	2014	374.8	325.7	261.6	341.9	364.5	383.8	395.6	413.9	394.8	346.7	335.6	306.2	374.8	413.9
	2015	343.1	408.2	296.5	328.9	381.3	423.0	396.0	415.0	389.6	343.8	346.5	281.3	408.2	423.0
	2016	379.5	370.8	302.9	347.8	380.5	422.9	435.7	426.9	390.5	344.9	288.0	279.3	379.5	435.7
	2017	344.8	284.1	312.7	380.6	397.9	409.6	419.1	429.5	401.3	390.5	285.0	347.1	344.8	429.5
	2018	446.6	308.7	285.5	300.4	368.6	413.9	412.1	426.6	424.1	400.4	331.8	343.4	446.6	426.6
	2019	366.3	306.2	311.2	346.2	437.2	450.2	436.0	428.3	431.6	391.4	331.5	302.7	366.3	450.2
	2020	380.9	314.7	366.8	354.2	412.7	453.3	444.4	446.8	442.1	386.0	366.8	343.7	380.9	453.3
Projected	2021	453.7	412.8	361.2	376.3	430.5	462.9	455.1	473.7	446.8	403.0	371.5	348.2	453.7	473.7
	2022	459.6	418.2	366.0	380.9	435.8	468.4	460.5	479.4	452.1	408.0	375.7	352.2	459.6	479.4
	2023	464.9	423.0	370.2	384.1	439.5	472.1	464.2	483.3	455.7	411.4	380.2	356.3	464.9	483.3
	2024	470.4	428.0	374.5	386.5	442.2	474.9	466.9	486.1	458.4	413.9	380.8	357.0	470.4	486.1
	2025	471.2	428.7	375.2	388.8	444.9	477.6	469.6	488.9	461.0	416.4	383.2	359.2	471.2	488.9
	2026	474.2	431.5	377.6	391.0	447.5	480.1	472.0	491.5	463.4	418.7	385.7	361.6	474.2	491.5
	2027	477.3	434.3	380.1	393.5	450.3	482.9	474.7	494.3	466.0	418.8	387.8	363.1	477.3	494.3
	2028	479.3	436.5	382.0	393.6	450.7	483.1	474.9	494.5	466.2	421.6	389.0	364.3	479.3	494.5
	2029	480.8	437.9	383.2	396.4	453.9	486.2	478.0	497.8	469.2	424.6	392.1	367.2	480.8	497.8
	2030	484.6	441.3	386.3	399.5	457.5	489.7	481.4	501.4	472.5	428.0	395.5	370.4	484.6	501.4
Projected	2031	488.9	445.2	389.7	402.7	461.2	493.5	485.1	505.3	476.2	431.5	400.7	375.3	488.9	505.3
	2032	495.3	451.1	394.8	406.0	464.9	497.3	488.8	509.2	479.8	435.0	402.3	376.8	495.3	509.2
	2033	497.2	452.9	396.4	409.3	468.8	501.2	492.6	513.2	483.6	438.5	405.8	380.1	497.2	513.2
	2034	501.6	456.8	399.9	412.6	472.6	505.0	496.4	517.1	487.3	442.0	409.1	383.2	501.6	517.1
	2035	505.7	460.6	403.2	415.9	476.4	509.0	500.3	521.2	491.1	445.6	414.7	388.3	505.7	521.2
	2036	512.5	466.8	408.6	419.3	480.3	512.9	504.1	525.2	494.8	449.2	416.2	389.8	512.5	525.2
	2037	514.5	468.6	410.2	422.4	483.9	516.5	507.7	528.9	498.3	452.6	419.4	392.9	514.5	528.9
	2038	518.6	472.3	413.5	425.7	487.7	520.3	511.4	532.8	502.0	456.1	423.0	396.2	518.6	532.8
	2039	523.0	476.3	417.0	429.0	491.6	524.2	515.2	536.8	505.7	459.7	428.6	401.4	523.0	536.8
	2040	529.8	482.5	422.4	432.3	495.4	528.0	518.9	540.7	509.3	463.3	433.5	406.0	529.8	540.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	50.8%	56.2%	67.7%	67.6%	59.9%	61.4%	62.8%	65.0%	64.8%	60.3%	65.0%	66.7%	50.8%	53.0%
	2012	49.6%	49.0%	65.0%	60.2%	61.9%	59.7%	63.9%	63.1%	62.3%	59.0%	63.4%	63.9%	54.5%	53.0%
	2013	63.2%	54.7%	53.1%	62.4%	60.7%	62.3%	61.0%	63.4%	62.4%	60.9%	62.7%	64.8%	60.2%	51.9%
	2014	58.0%	57.1%	66.5%	56.2%	60.3%	62.2%	63.1%	62.8%	59.0%	57.9%	54.4%	61.8%	56.6%	51.1%
	2015	57.3%	49.4%	64.4%	63.8%	60.7%	60.9%	63.0%	61.5%	61.6%	59.4%	57.3%	67.1%	53.6%	51.3%
	2016	53.0%	52.4%	61.4%	56.8%	60.0%	64.0%	64.6%	63.4%	65.1%	60.7%	62.9%	66.1%	58.6%	51.3%
	2017	54.8%	63.4%	60.0%	54.8%	59.8%	60.1%	62.8%	64.1%	60.5%	56.9%	63.4%	55.3%	63.5%	50.6%
	2018	52.2%	62.0%	63.9%	64.2%	60.2%	62.8%	62.3%	64.4%	64.6%	58.3%	59.0%	56.1%	50.6%	52.4%
	2019	56.4%	61.6%	59.6%	59.2%	58.4%	59.9%	61.4%	63.8%	61.7%	61.5%	57.3%	62.4%	62.3%	50.8%
	2020	52.4%	62.8%	58.0%	58.8%	55.8%	59.6%	62.5%	62.8%	59.8%	57.6%	52.9%	64.0%	61.0%	50.9%
Projected	2021	52.9%	53.9%	55.3%	55.2%	55.9%	60.6%	63.7%	62.8%	61.3%	55.9%	53.0%	63.9%	53.2%	50.9%
	2022	52.9%	54.0%	55.5%	55.1%	56.1%	60.5%	63.8%	62.9%	61.3%	55.9%	53.1%	64.0%	53.2%	50.9%
	2023	52.8%	53.9%	55.4%	55.2%	56.2%	60.5%	63.8%	62.9%	61.3%	55.9%	52.9%	63.7%	53.1%	51.0%
	2024	52.5%	54.5%	55.1%	55.3%	56.3%	60.5%	63.8%	62.8%	61.2%	55.9%	53.2%	64.0%	53.0%	51.2%
	2025	52.7%	53.9%	55.3%	55.3%	56.3%	60.5%	63.8%	62.8%	61.2%	55.9%	53.2%	64.0%	53.0%	51.1%
	2026	52.6%	53.8%	55.3%	55.3%	56.3%	60.5%	63.8%	62.8%	61.2%	55.9%	53.1%	64.0%	53.0%	51.1%
	2027	52.6%	53.8%	55.2%	55.3%	56.3%	60.5%	63.8%	62.8%	61.3%	55.9%	52.8%	63.7%	52.9%	51.1%
	2028	52.4%	54.4%	54.9%	55.2%	56.2%	60.5%	63.8%	62.9%	61.2%	55.8%	53.0%	64.0%	52.9%	51.2%
	2029	52.6%	53.7%	55.1%	55.2%	56.2%	60.5%	63.8%	62.9%	61.2%	55.8%	52.9%	63.9%	52.9%	51.0%
	2030	52.5%	53.7%	55.0%	55.2%	56.2%	60.5%	63.8%	62.9%	61.2%	55.8%	52.8%	63.9%	52.9%	51.0%
Avg.	2011-2020	54.8%	56.9%	62.0%	59.4%	59.8%	61.3%	62.7%	63.4%	62.2%	59.2%	59.8%	62.8%	57.2%	51.6%
	2021-2030	52.6%	53.9%	55.2%	55.2%	56.2%	60.5%	63.8%	62.8%	61.3%	55.9%	53.0%	63.9%	53.0%	51.0%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2021 Load Forecast - Severe Weather Case
Duke Energy Florida Cities - Supplied
Monthly Coincident-Peak Demand with ARP (MW) - Delivered Basis - Net of Incr. PV

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	401.6	333.5	226.8	342.8	371.8	410.6	391.9	407.5	370.5	304.0	258.2	234.1	416.1	407.5
	2012	381.2	368.7	278.6	313.0	345.0	368.2	373.5	385.4	377.9	341.7	227.0	288.9	381.2	373.5
	2013	285.3	342.3	342.2	299.4	332.8	362.9	379.0	391.2	375.9	333.9	265.3	243.1	342.2	391.2
	2014	371.1	325.5	209.1	340.6	356.6	377.0	377.7	406.2	389.8	342.2	330.7	303.1	371.1	406.2
	2015	342.6	407.6	288.1	320.9	376.9	419.6	387.0	406.6	372.9	342.3	343.2	273.8	407.6	419.6
	2016	376.2	370.4	302.5	347.5	371.8	415.8	429.1	424.4	378.1	325.0	285.2	268.6	343.2	429.1
	2017	340.7	280.3	308.1	379.9	386.5	405.4	414.4	423.5	379.1	390.1	283.4	346.9	308.1	423.5
	2018	440.7	305.5	273.2	289.4	361.7	380.5	405.0	424.2	412.0	397.0	324.2	343.1	440.7	424.2
	2019	349.1	303.2	296.3	345.9	436.8	449.9	430.8	418.3	430.5	372.5	327.2	246.9	324.2	449.9
	2020	380.9	293.6	365.5	342.5	400.0	445.3	412.9	441.0	437.5	378.3	352.9	324.7	365.5	445.3
Projected	2021	449.1	408.1	344.2	367.9	419.8	452.5	442.4	466.7	437.2	394.9	357.4	328.9	449.1	466.7
	2022	454.9	413.4	348.7	372.4	425.0	457.9	447.6	472.3	442.4	399.7	361.4	332.7	454.9	472.3
	2023	460.1	418.1	352.7	375.5	428.6	461.6	451.2	476.1	446.0	403.1	365.8	336.6	460.1	476.1
	2024	465.6	423.1	356.9	377.9	431.2	464.3	453.9	478.9	448.6	405.6	366.3	337.2	465.6	478.9
	2025	466.4	423.9	357.5	380.1	433.8	466.9	456.4	481.6	451.1	407.9	368.7	339.3	466.4	481.6
	2026	469.4	426.6	359.8	382.3	436.4	469.4	458.8	484.2	453.5	410.3	371.1	341.6	469.4	484.2
	2027	472.5	429.4	362.2	384.7	439.1	472.0	461.4	487.0	456.0	410.3	373.2	343.0	472.5	487.0
	2028	474.7	431.6	364.0	384.9	439.5	472.2	461.7	487.3	456.2	413.1	374.3	344.1	474.7	487.3
	2029	476.2	432.9	365.1	387.6	442.7	475.3	464.7	490.5	459.1	416.0	377.2	346.8	476.2	490.5
	2030	480.0	436.4	368.0	390.6	446.1	478.7	468.0	494.0	462.4	419.4	380.6	349.9	480.0	494.0
Projected	2031	484.2	440.3	371.3	393.8	449.8	482.4	471.6	497.9	465.9	422.8	385.6	354.5	484.2	497.9
	2032	490.6	446.1	376.1	397.0	453.4	486.1	475.2	501.7	469.5	426.2	387.1	355.9	490.6	501.7
	2033	492.5	447.8	377.6	400.2	457.1	489.9	478.9	505.6	473.1	429.7	390.4	359.0	492.5	505.6
	2034	496.8	451.7	381.0	403.4	460.8	493.6	482.6	509.5	476.7	433.1	393.7	361.9	496.8	509.5
	2035	500.9	455.5	384.2	406.7	464.6	497.5	486.3	513.5	480.4	436.6	399.0	366.8	500.9	513.5
	2036	507.7	461.6	389.3	410.0	468.4	501.3	490.0	517.4	484.1	440.1	400.5	368.2	507.7	517.4
	2037	509.6	463.3	390.8	413.0	471.9	504.8	493.5	521.1	487.5	443.5	403.6	371.1	509.6	521.1
	2038	513.6	467.0	393.9	416.2	475.6	508.5	497.1	524.9	491.1	446.9	407.1	374.3	513.6	524.9
	2039	518.0	471.0	397.3	419.5	479.4	512.3	500.8	528.8	494.7	450.4	412.4	379.1	518.0	528.8
	2040	524.7	477.2	402.5	422.7	483.1	516.0	504.4	532.7	498.3	453.9	417.2	383.5	524.7	532.7

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	2011	99.6%	99.8%	86.9%	96.3%	97.8%	98.8%	97.1%	97.9%	98.4%	98.9%	96.4%	87.8%	99.0%	97.9%
	2012	98.9%	99.9%	96.9%	94.9%	93.8%	96.0%	95.3%	98.5%	99.3%	98.6%	81.9%	99.9%	98.9%	95.3%
	2013	98.7%	99.5%	98.7%	95.1%	96.1%	93.2%	97.8%	97.2%	96.8%	98.3%	93.7%	86.5%	98.7%	97.2%
	2014	99.0%	99.9%	80.0%	99.6%	97.8%	98.2%	95.5%	98.1%	98.7%	98.7%	98.5%	99.0%	99.0%	98.1%
	2015	99.9%	99.8%	97.2%	97.6%	98.9%	99.2%	97.7%	98.0%	95.7%	99.6%	99.0%	97.3%	99.8%	99.2%
	2016	99.1%	99.9%	99.9%	99.9%	97.7%	98.3%	98.5%	99.4%	96.8%	94.2%	99.0%	96.2%	90.4%	98.5%
	2017	98.8%	98.7%	98.5%	99.8%	97.1%	99.0%	98.9%	98.6%	94.5%	99.9%	99.4%	100.0%	89.4%	98.6%
	2018	98.7%	98.9%	95.7%	96.3%	98.1%	91.9%	98.3%	99.4%	97.1%	99.1%	97.7%	99.9%	98.7%	99.4%
	2019	95.3%	99.0%	95.2%	99.9%	99.9%	99.9%	98.8%	97.7%	99.7%	95.2%	98.7%	81.6%	88.5%	99.9%
	2020	100.0%	93.3%	99.6%	96.7%	96.9%	98.2%	92.9%	98.7%	99.0%	98.0%	96.2%	94.5%	96.0%	98.2%
Projected	2021	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2022	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2023	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2024	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2025	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2026	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2027	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2028	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2029	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%
	2030	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.8%	98.0%	96.2%	94.5%	99.0%	98.5%
	2011-2020	98.8%	98.9%	94.8%	97.6%	97.4%	97.3%	97.1%	98.3%	97.6%	98.1%	96.1%	94.3%	95.8%	98.2%
	2021-2030	99.0%	98.9%	95.3%	97.8%	97.5%	97.8%	97.2%	98.5%	97.9%	98.0%	96.2%	94.5%	99.0%	98.5%

Cities Added to the ARP: Kissimmee (Oct. '02); Lake Worth (Oct. '02); Havana (May '03); Newberry (Jan '06); Fort Meade (Jan '09).

Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

Appendix G

EXPLANATORY VARIABLES BY ARP PARTICIPANT

FMPA 2021 Load Forecast

Retail Electricity Sales Forecast Equations - Explanatory Variables^[1,2,3,4]

Participant	Residential		GS Non-Demand Sales	GS Demand Sales	Large Demand Sales
	Customers	Usage			
Bushnell	Variable seasonal base, Households w/ bifurcated study period, FL mortgage originations, Variables for select data anomalies, Negative step variable (2011), SECO binary (2020)	Adj. personal income per household, Electricity price, HDD, CDD, CDD(-1), HDD(-1), hurricane binary, seasonal binaries, negative step variable (2011), SECO binary (2020), Mobility	Adjusted personal income w/ bifurcated study period, CDD, CDD(-1), HDD(-1), Negative step variables (2006, 2012, 2013), SECO binary, Seasonal binaries, Mobility		
Clewiston	Variable seasonal base, Households, Positive step variables (2014, 2019), Binary variables to address hurricane event and anomalies	Adj. personal income per household, Electricity price, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Binary variables for data anomalies, Negative step variable (2011)	Adj. personal income, Multiple step variables (migration-related), CDD, CDD(-1), Binary variable to address hurricane event, Mobility	Employment, CDD, CDD(-1), Multiple step variables (migration-related), Binary variables for data anomalies (incl'd hurricane event), seasonal binaries, Mobility	US Sugar: assumed constant at recent, very low load levels
Fort Meade	Variable seasonal base, Households, Variables for select data anomalies	Adj. personal income per household, Electricity price, EE Index, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Negative step variable (2007), Binaries to address anomalies, Mobility	Adj. personal income, CDD, CDD(-1), HDD Seasonal binaries, Hurricane binary, Positive step variables (2009, 2019), Negative step variable (2017), Mobility		
Fort Pierce	Variable seasonal base, Households, Multiple step variables to address definition change and anomalies	Adj. personal Income per HH, Electricity Price, EE Index, HDD, CDD, HDD(-1), CDD(-1), Seasonal Binaries, Binaries to address select anomalies, Negative step variable to address definition change (2007), Mobility	Personal income (reciprocal functional form), Electricity price, CDD, CDD(-1), HDD, Seasonal binaries, Binary variables to address anomalies, Negative step variables (2011, 2013), Mobility, Non-store sales mix		
Green Cove Springs	Households, FL mortgage originations, Home vacancy rate, Binary variables for select data anomalies	Adj. personal income per HH, Electricity price, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Binary variables to address hurricane events and other anomalies, Mobility	Adj. personal income, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Negative step variable (2018), Binary variables to address anomalies, Mobility	Adj. personal income, CDD, CDD(-1), HDD(-1), Seasonal binaries, Binary variables to address select anomalies, Negative step variable (2016), Mobility	No customers are currently served in this class. The equivalent of one customer is assumed added every 15 years (on average) beginning FY 2031, based on the average historical usage.
Havana	Households	Adj. personal income per HH, Electricity price, EE Index, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Binary variables to address hurricane events, Mobility	Adj. personal income, Electricity price, CDD, CDD(-1), HDD(-1), Variable for hurricane and other data anomalies, Negative step variable (2016), Mobility		
Jacksonville Beach	Households, Variable to address housing stock turnover to multi-family, Binary variable to address anomalies	Adj. personal income per HH, Electricity price, EE Index, HDD, CDD, HDD(-1), CDD(-1), Negative step variables (2007, 2011), Seasonal binaries, Binary variables for data anomalies, Mobility	CDD, HDD(-1), CDD(-1), Variables for select data anomalies, Negative step variables (2007, 2017), Mobility	Personal income (bifurcated study period), CDD(-1), Seasonal binaries, Variables for select data anomalies, Negative step variables (2012, 2018), Mobility	

FMPA 2021 Load Forecast

Retail Electricity Sales Forecast Equations - Explanatory Variables^[1,2,3,4]

Participant	Residential		GS Non-Demand Sales	GS Demand Sales	Large Demand Sales
	Customers	Usage			
Key West	Seasonal base, Declining Growth Trend (asymptotic, reciprocal functional form), Variables to address housing downturn, transition of Navy housing to separate accounts, and hurricane recovery	Adj. personal income per HH, Electricity price, EE Index, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Binary variables for select data anomalies (incl'd hurricane events)	Adj. personal Income (Reciprocal functional form), Electricity price, CDD, CDD(-1), Seasonal binaries, Variables for select data anomalies, Negative step variables (2005, 2013, 2016), Mobility		Navy Base: CDD, CDD(-1), HDD(-1), Variable to address hurricane recovery, Mobility
Kissimmee	Seasonal base, Households, Binaries to address anomalies	Adj. personal income per HH, Electricity price, EE Index, Natural gas price, Home vacancy rate, HDD, CDD, HDD(-1), CDD(-1), Seasonal Binaries, Binaries for a hurricane event	Employment, U.S. personal savings rate, electricity price, HDD, CDD, CDD(-1), HDD(-1), Seasonal Binaries, Variables for select data anomalies (incl'd hurricane event), Mobility	Employment, U.S. personal savings rate, CDD(-1), HDD(-1), Seasonal binaries, Negative step variables (2014, 2019), Binary variables for hurricane events, Mobility	
Leesburg	Seasonal base, Households, Binary variables to address anomalies, Custom variable to address Villages development	Adj. personal income per HH, Electricity price, EE Index, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Binaries to address anomalies, Mobility	Adj. personal income, Electricity price, CDD, CDD(-1), Seasonal binaries, Negative step variables (2011, 2012, 2014, 2018), Binary variables for anomalies, Mobility		
Newberry	Households, Positive trend variable, Positive step variables (to address additional growth / annexation)	Adj. personal income per HH, Electricity price, EE Index, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Binaries to address anomalies, Mobility	Adj. personal income, CDD, CDD(-1), Negative step variables (loss of major customer in 2000; 2011 reduction)		
Ocala	Households, Seasonal binaries, Binary variable to address anomalies	Adj. personal income per HH, Electricity price, EE Index, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Mobility	Employment, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Positive step variable (2008), Negative step variable (2016)	Employment, Electricity price, CDD, CDD(-1), Binary variables for select data anomalies, Negative step variables (2008, 2014, 2019; likely class migration-related), Mobility	
Starke	Seasonal Base, Binary variables for select data anomalies, Positive step variable (2018)	Adj. personal income per HH, EE Index, Natural gas price, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Mobility	Seasonal binaries, CDD, CDD(-1), HDD, Variables for select data anomalies, Mobility		

- [1] Personal income per household is frequently included as a moving average over one to six years. Electricity and natural gas prices are typically included as a moving average over one to six years. Most of the forecast equations contain auto-regressive error terms.
- [2] "Adjusted personal income" refers to the multiplication of personal income by the inverse of the U.S. Personal Savings Rate to result in expenditures out of personal income.
- [3] Step variables refer to binary variables that address an otherwise unexplained deviation in the data, in the year(s) shown in parenthesis.
- [4] Mobility refers to the prevalence of people's location at home (Res) or work/retail businesses (Non-res), as reported by Google.