

FLORIDA MUNICIPAL POWER AGENCY

2023 LOAD FORECAST

FINAL REPORT BRIEF

FEBRUARY 2023



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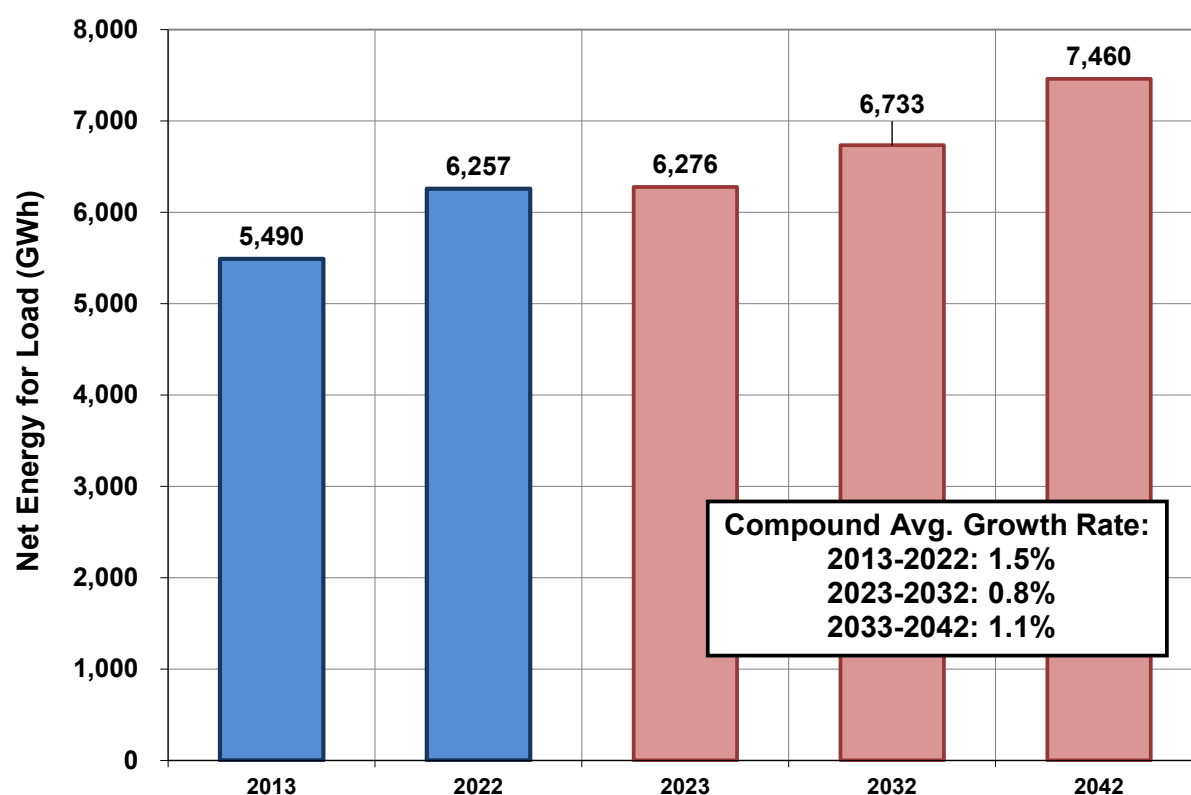
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nFront Consulting, LLC (nFront) was retained by Florida Municipal Power Agency (FMPA) to prepare a forecast of peak load and net energy for load for its All-Requirements Power Supply Project (ARP). FMPA is a governmental wholesale power company owned by municipal electric utilities and created to provide economies of scale in power generation and related services. The ARP supplies capacity and energy to thirteen municipal utilities in Florida, who are Participants in the ARP and are located throughout the peninsula from the Panhandle to the lower Keys, as well as several other Florida municipal utilities on a partial or full-requirements basis for contract periods extending as far as 2029. This Load Forecast pertains only to those thirteen Participants in the ARP.

SUMMARY OF FINDINGS

The results of the Forecast reflect that the net energy for load (NEL) of the Current Participants, depicted in [Figure 1](#) below, is expected to grow at compound annual growth rates of 0.8% per year over fiscal years (FY)¹ 2023-2032 and 1.1% over 2033-2042. These results reflect the Current ARP Participants and do not account for potential alternative arrangements that may be made for service from the ARP for certain Participants over the forecast horizon.



** Data shown represents the sum of Members regardless of the timing of supply*

Figure 1: Total Net Energy for Load of Current Participants

These forecast results are impacted by the following key factors, as discussed further herein:

¹ FMPA's fiscal year represents the twelve-month period from October of the preceding year through September of the current year.

- Strong Expected Residential Development.** The Florida peninsula and the ARP Participants are experiencing tremendous growth in population and household formation as a result of strong in-migration and robust economic conditions. This growth is expected to continue over the forecast horizon, though at progressively lower rates. [Figure 2](#) below depicts the comparative growth rates in residential customer counts over 2023-2042 across the ARP Participants ordered by descending compound average growth rate (CAGR), with the line across the chart representing the ARP average growth rate. Green Cove Springs, Kissimmee, and Newberry represent the highest growth members. Over the past few years, KUA and Newberry have experienced consistent and significant residential growth, reflecting their locations in prime growth areas in Florida. Green Cove Springs, on the other hand, has exhibited less robust growth but expects this to shift dramatically higher as a result of a significant new development that is underway.

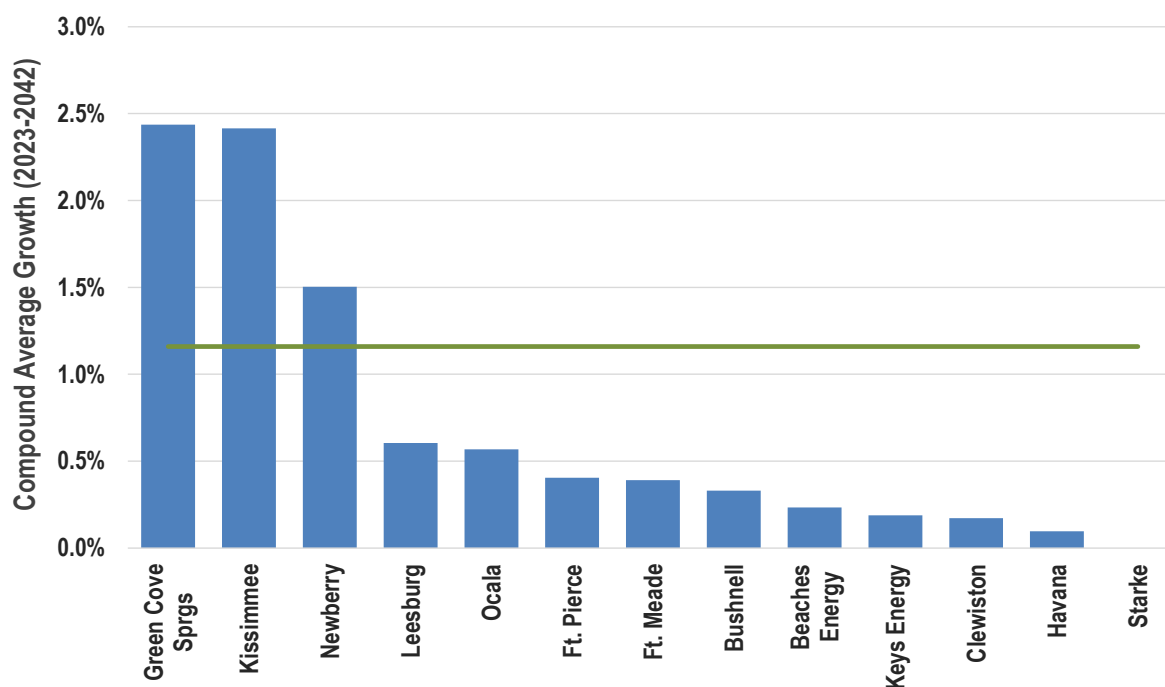


Figure 2: Compound Average Growth in Residential Customers over the Forecast Horizon

- Retail Distributed Generation.** As of September 2022, the ARP had an estimated 33.9 MW-AC of nameplate distributed solar PV renewable generation (solar DG) connected to the grid. The forecast of ARP NEL above has been reduced by the expected amount of incremental solar DG added over the forecast horizon. Projections of solar DG impacts were based on a combination of approaches to forecast solar DG penetration across the Participants, capturing the influence of extended tax credits per the recently-passed Inflation Reduction Act, and reasonable assumptions regarding production profiles, system degradation, and production that can be expected during ARP peaks. Estimated historical and projected impacts on NEL energy and summer peak demand are depicted in [Figure 3](#) below, representing a load reduction of approximately 3.0 percent by 2032 and 4.5 percent by 2042 (higher percentage on an energy basis, lower for summer peak demand).

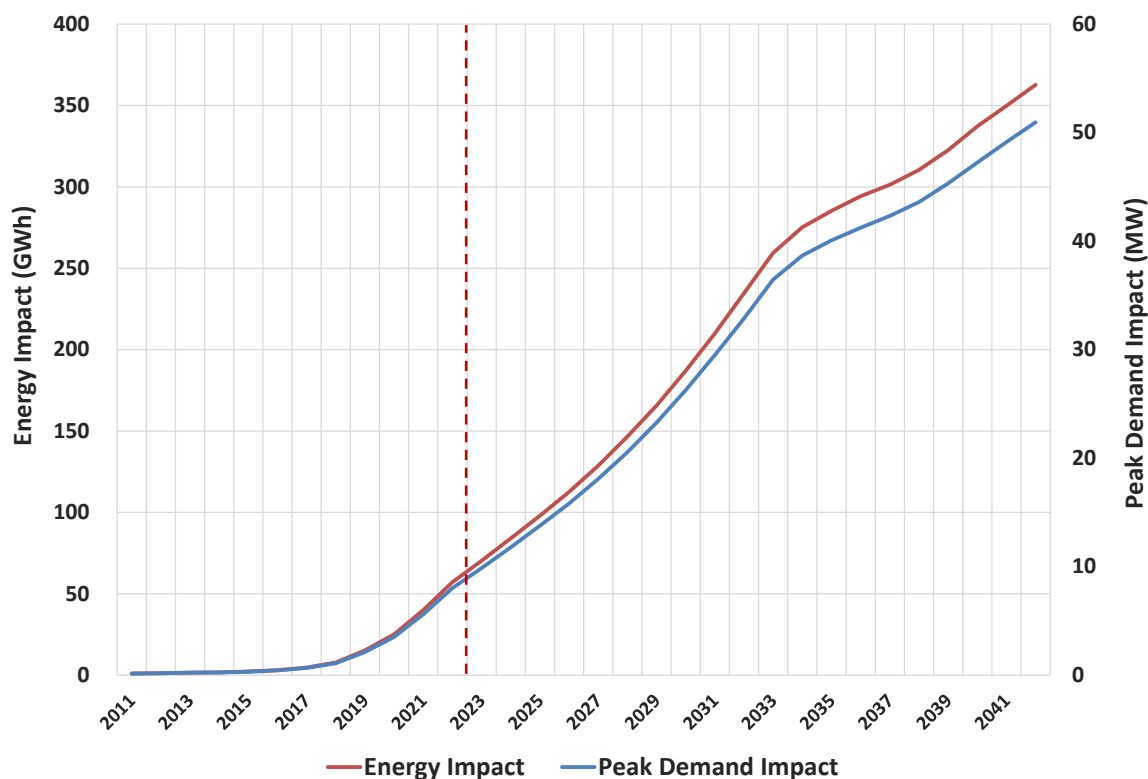


Figure 3: Estimated Impact of Distributed Solar on Current ARP Participant Load

- Adoption of Electric Vehicles.** Over the last several years, electric vehicles (EV) have been adopted in increasing numbers and as a percentage of the light duty vehicle (LDV) stock across the U.S. Given the significance of this trend, the 2023 Load Forecast includes estimates of the future impact of EV charging energy across a wide range of potential scenarios of EV adoption. Estimates of historical EV penetration across the ARP were developed from data obtained from the Florida Department of Motor Vehicles (through OUC) and extrapolated into the future based on publicly-available national forecasts. Utilizing industry assumptions regarding EV charging consumption and load profiles taken from the National Renewable Energy Laboratory's EVI-Pro Lite Tool, projections of EV counts were translated into impacts on ARP NEL and peak demand. These estimates reflect consumption per EV of approximately 3,800 kWh per year and demand coincident with the ARP summer peak of 0.8 kW, the latter reflecting a significant diversity of charging behavior during the typical early evening system peak hour. Estimated historical and projected impacts on NEL energy and summer peak demand for the Base Case are depicted in [Figure 4](#) below, representing approximately 1.3 percent of the ARP load by 2032 and 4.3 percent by 2042. The majority of charging is expected to occur at the home; hence, most of the resulting increase in sales is assumed to impact the residential class and has a noticeable impact on growth in average consumption in the out years of the forecast horizon.

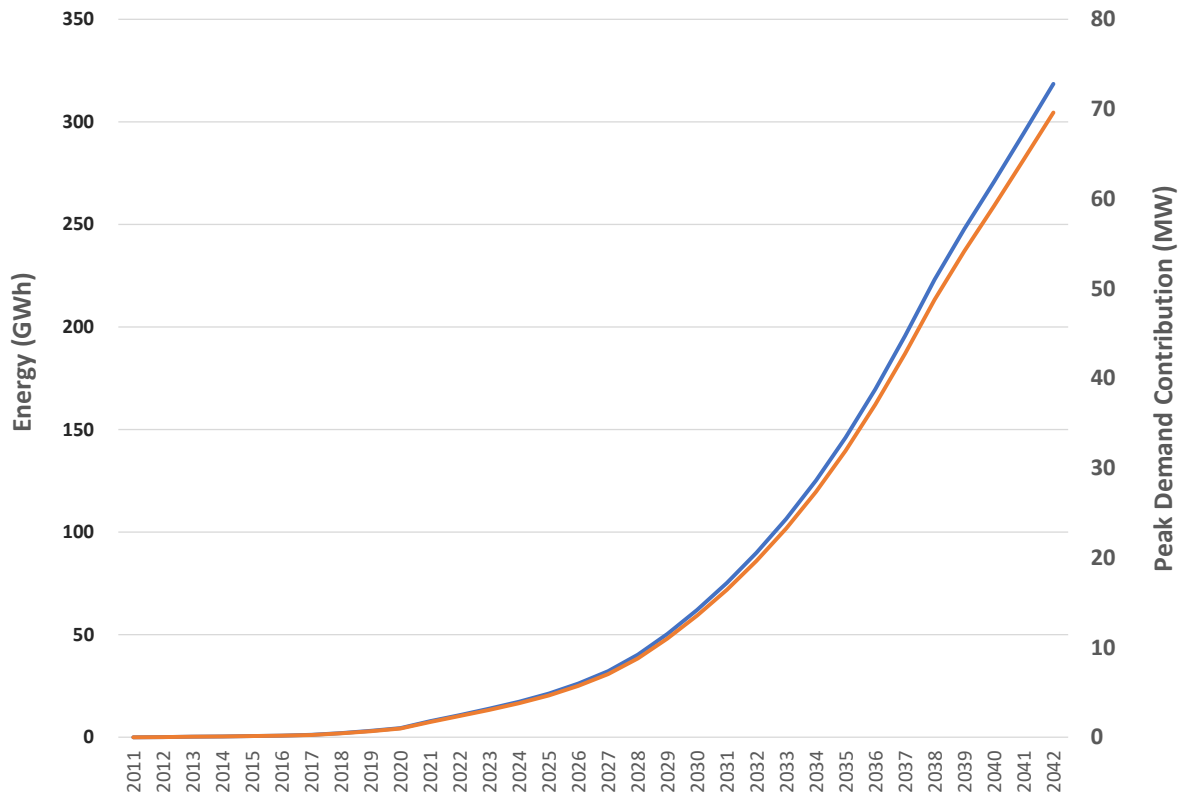
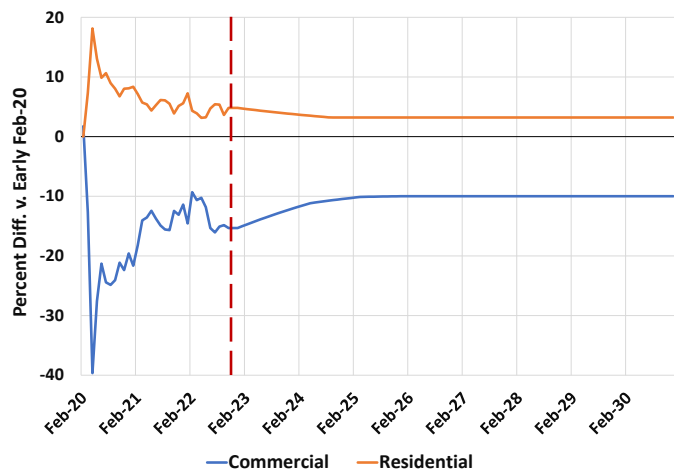


Figure 4: Estimated Electric Vehicle Load on Current ARP Participant Systems

- Coronavirus Pandemic.** The receding coronavirus pandemic has had a significant impact on the Florida economy and on spending habits and activities of the residents of the ARP Participants. The inset figure depicts location prevalence data for Florida reported by Google and referred to as “mobility”. The Forecast assumes a continuation in the recovery toward more normal activity that preceded the pandemic. However, it is likely that some impacts of the pandemic, particularly an acceleration of the work-from-home and e-commerce trends will persist, yielding slightly higher residential average consumption and some potential downside to commercial electric consumption. FMPA believes these will be largely off-setting, which has generally been the case to date.



The forecast generally reflects very little, if any, increase in residential average use until the out years, when EV adoption is expected to become more prevalent. Hence, the majority of the forecasted growth in ARP load is driven from growth in residential customers.

OVERVIEW OF METHODOLOGY

The 2023 Load Forecast has been prepared for a 20-year period, beginning 2023 through 2042. 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 2022 (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.² Resulting projections discussed herein are on a net basis (unless otherwise noted).

Similarly, the energy industry expects a significant transition in the transportation sector from internal combustion engine gasoline-fueled to electric vehicles (EV) over the next few decades. Hence, as discussed above, the 2023 Forecast reflects an explicit projection of the impact of increased EV adoption. However, importantly, as there has been some EV charging load in the historical period, the incremental impact of growth in EV adoption was reduced slightly to reflect that this historical load has had some impact on the baseline forecast of sales resulting from the regression analysis.

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 (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 development of the 2023 Load Forecast was based upon the following principal considerations 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 2022.
- The recent average historical relationships between annual summer and winter non-coincident demands and annual NEL and between monthly NCP demands and annual winter

² 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.

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.

DATA SOURCES

The forecast relies on the following data sources, which are used to inform the basis of the 2023 Load Forecast:

- **Participant Data.** Historical data provided by FMPA included retail billing data supplied by the ARP Participants, metered load data maintained by FMPA, and historical data regarding the ARP Net Metering policy and the ARP Conservation Program submitted by ARP Participants to FMPA. 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.
- **Economic Data.** 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.
- **Weather Data.** Monthly weather data were provided by the National Oceanic and Atmospheric Administration (NOAA) for a variety of weather stations in close proximity to the ARP Participants. Weather conditions assumed over the forecast horizon are on a weighted average over 1993-2022 reflecting greater weight toward data over 2013-2022 to capture the significantly warmer conditions that have prevailed over this period.
- **Real Electricity Price Data.** Projections regarding electricity and competing fuel prices have been obtained from the 2022 Annual Energy Outlook (AEO), published by the Energy Information Administration (EIA) in February 2022.³

³ The 2022 AEO, published in February 2022, reflects a decline in electricity prices at an average annual rate of 0.4% over the forecast horizon; however, for conservatism, FMPA and nFront jointly decided to assume real

- **End Use Saturation and Energy Efficiency Standards.** End use saturation estimates for the historical period were based on data reported by the EIA in its periodic Residential Energy Consumption Survey (RECS). nFront Consulting also maintains a database of energy efficiency indices that capture the efficiency standards of major end uses over the historical and near-term projected period, which are extrapolated into the forecast horizon.
- **Electric Vehicle Data.** Historical data regarding light duty vehicle totals and electric vehicles registered in each of the counties surrounding the ARP participants was obtained from the Florida Department of Motor Vehicles (through OUC). Projections regarding EV adoption were developed from three sources utilized for purposes of the Base, High, and Low forecasts produced for the 2023 Load Forecast—EIA AEO 2022 (Low Case), Wood Mackenzie (Base Case), and Bloomberg New Energy Finance (High Case). EV charging energy requirements and demand profiles were drawn generally from data produced in NREL’s EVI-Pro Lite tool and reflect that a small portion of EVs will charge during off-peak periods, though even this small proportion may require the Participants to develop and actively market time-of-use rates.
- **Google Mobility Data.** Data regarding the prevalence of people’s location and activity at home versus at commercial business and workplaces (referred to as “mobility”) has been obtained from Google to explain deviations in consumption during 2020-2022 from expected levels, based on economic, weather, and other conditions. Projections assume further movement back toward pre-pandemic conditions but that a significant part of the change that has occurred will persist indefinitely.

NET METERING PROGRAM IMPACTS

FMPPA maintains a database to track net metering capacity and estimate 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-Watts™ model. The hourly dispatch profile was used to estimate the “dependable capacity” at the time of the FMPPA peak 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.

As of September 2022, the ARP had an estimated 33.9 MW-AC of nameplate distributed solar PV renewable generation connected to the grid. nFront Consulting has developed a forecast of distributed solar PV penetration utilizing a combination of relevant forecasting approaches. The results of these analyses reflect that PV penetration among residential customers across the Participant systems is expected to grow from the current level of about 1.5 percent to approximately 8.2 percent by 2042, the end of the forecast horizon. It is important to recognize that there is a great deal of uncertainty regarding this eventual level of penetration. Across the potential forecasting

prices for electricity would be essentially flat over the forecast horizon (i.e., nominal prices increases at approximately the rate of inflation), with some further upward price pressure into 2023 related to the run-up in natural gas prices.

approaches discussed above, the projected level of penetration by 2042 ranges from 2.9 percent to over 18 percent.

Based upon the projected residential penetration levels, the associated 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 distributed solar generation on the peak demand and energy requirements of the ARP. These estimated historical and projected values are depicted in [Figure 5](#) below.

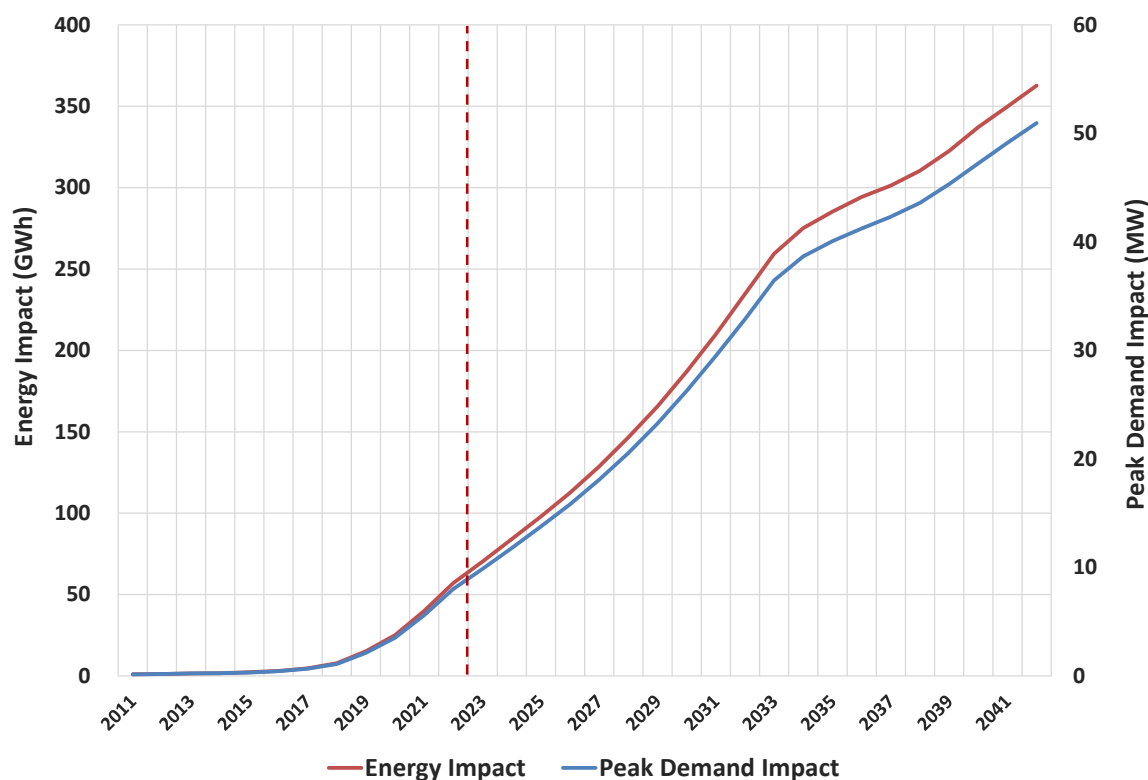


Figure 5: Estimated Impact of Distributed Solar on Current ARP Participant Load

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 3.0 percent by 2032 and 4.5 percent by 2042 (higher percentage on an energy basis, lower for summer peak demand).

ELECTRIC VEHICLE ADOPTION

Over the last several years, electric vehicles (EV) have been adopted in increasing numbers and as a percentage of the light duty vehicle (LDV) stock across the U.S. The electric utility industry has begun planning for the impacts of growth in EV charging on system load and facilities requirements, such that most regulatory bodies and stakeholders expect utility planning efforts to take account of the potential range of future EV adoption, recognizing that there is tremendous uncertainty in that

potential range. Accordingly, the 2023 Load Forecast includes estimates of the future impact of EV charging energy across a wide range of potential scenarios of EV adoption.

Estimates of historical LDVs and EV penetration across the ARP were developed from data obtained from the Florida Department of Motor Vehicles (through OUC) and extrapolated into the future based on the forecast of residential customer counts and publicly-available national forecasts of the trend of EV adoption. For the 2023 Load Forecast, three publicly-available national forecasts were sourced for use in alternative cases, as follows.

- **Low Case** – Energy Information Administration’s 2022 Annual Energy Outlook (AEO)
- **Mid (or Base) Case** – Wood Mackenzie (Wood Mac) ⁴
- **High Case** – Bloomberg New Energy Finance (BNEF) ⁵

Based on these alternative projections of EV penetration and LDVs across the ARP participants, projections of EV counts for each ARP participant were developed, the sum of which for the ARP is shown in **Figure 6** below.

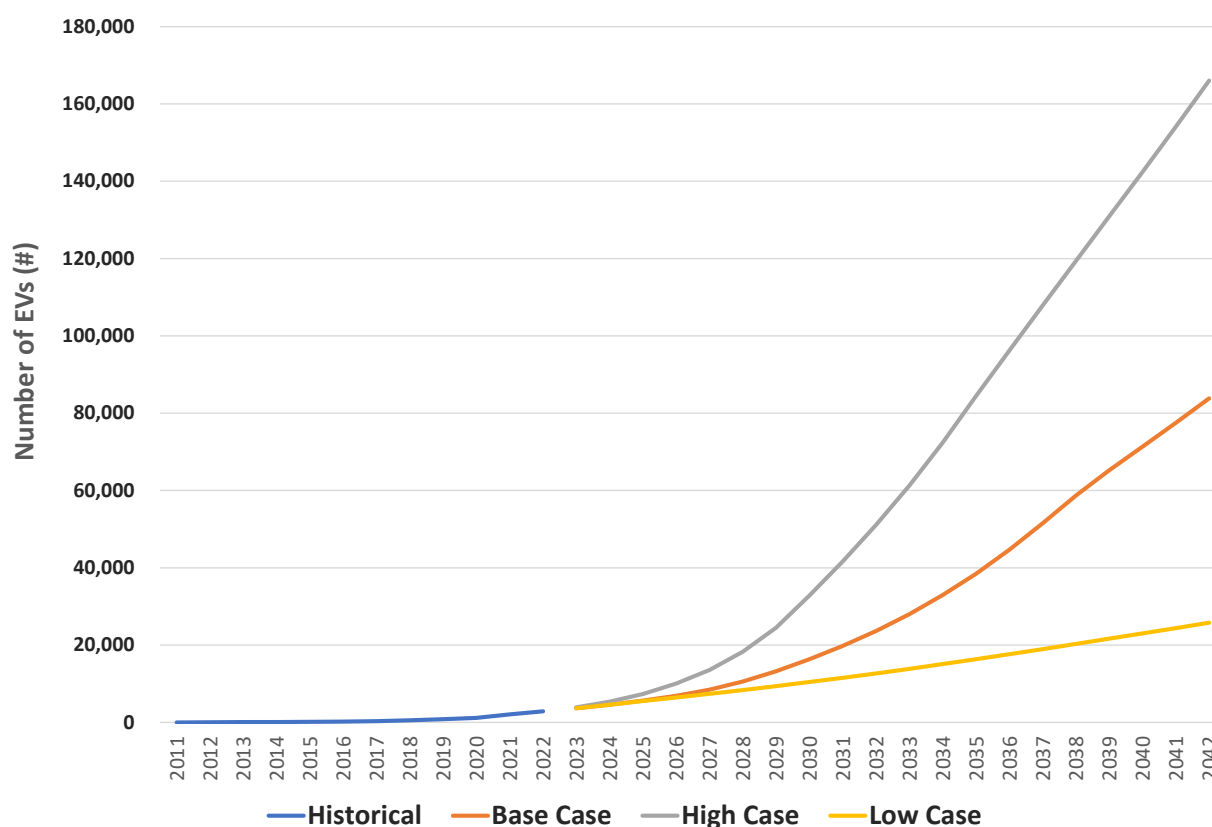


Figure 6: Range of Projected EV Counts Across the ARP Participants

⁴ Information and projections available at <https://www.woodmac.com/our-expertise/capabilities/electric-vehicles/2040-forecast/>.

⁵ Information and projections available at <https://about.bnef.com/electric-vehicle-outlook/>.

Utilizing industry assumptions regarding EV charging consumption and load profiles taken from the National Renewable Energy Laboratory's EVI-Pro Lite Tool, projections of EV counts were translated into impacts on ARP NEL and peak demand. These estimates reflect consumption per EV of approximately 3,800 kWh per year and demand coincident with the ARP summer peak of 0.8 kW, the latter reflecting a significant diversity of charging behavior during the typical early evening system peak hour, as well as a small proportion of EV charging occurring off-peak. As EV adoption becomes more prevalent, the ARP participants may want to consider offering incentives to encourage off-peak charging to manage system peak demand and local distribution equipment demands.

Estimated historical and projected impacts on NEL energy and summer peak demand for the Base Case are depicted in [Figure 7](#) below, representing approximately 1.3 percent of the ARP load by 2032 and 4.3 percent by 2042. The majority of charging is expected to occur at the home; hence, most of the resulting increase in sales is assumed to impact the residential class and has a noticeable impact on growth in average consumption in the out years of the forecast horizon. Importantly, for purposes of the Load Forecast, the incremental load was added to the baseline forecast after making a small reduction to account for the estimated EV-related load growth that was implicit in the regression equations, as EV load has impacted historical sales and has been growing significantly during the historical period.

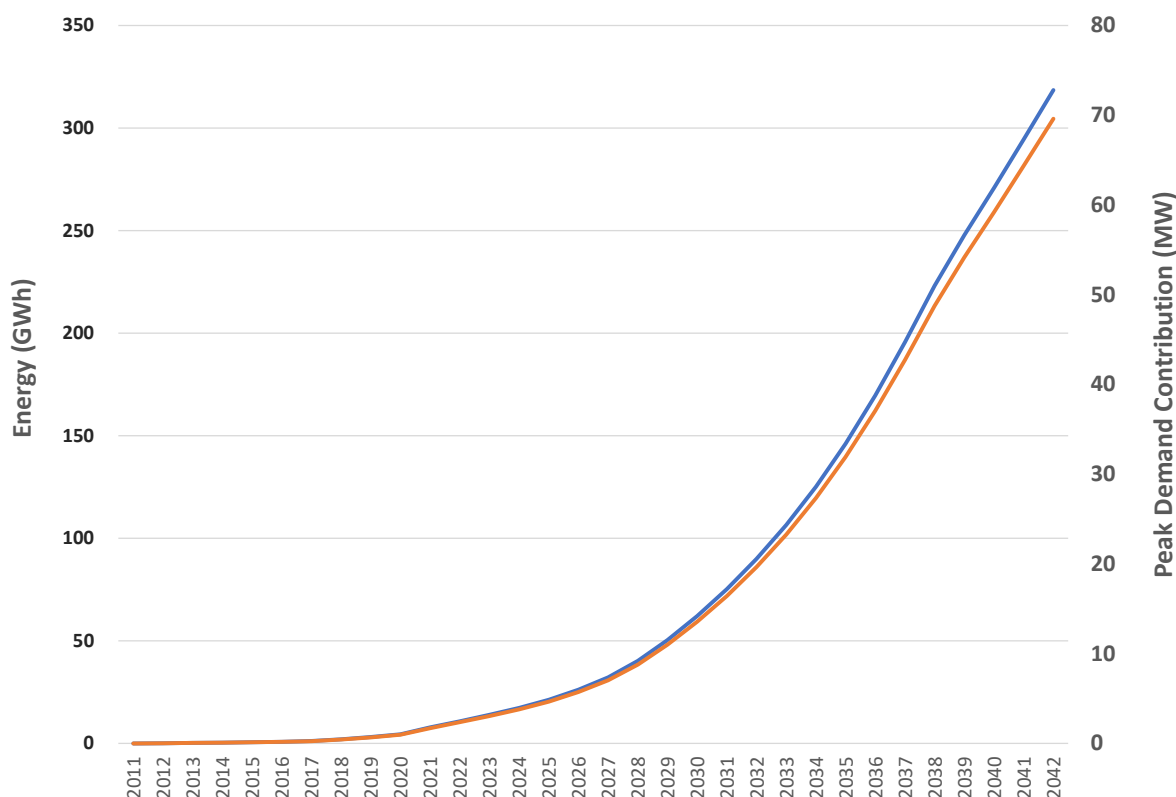


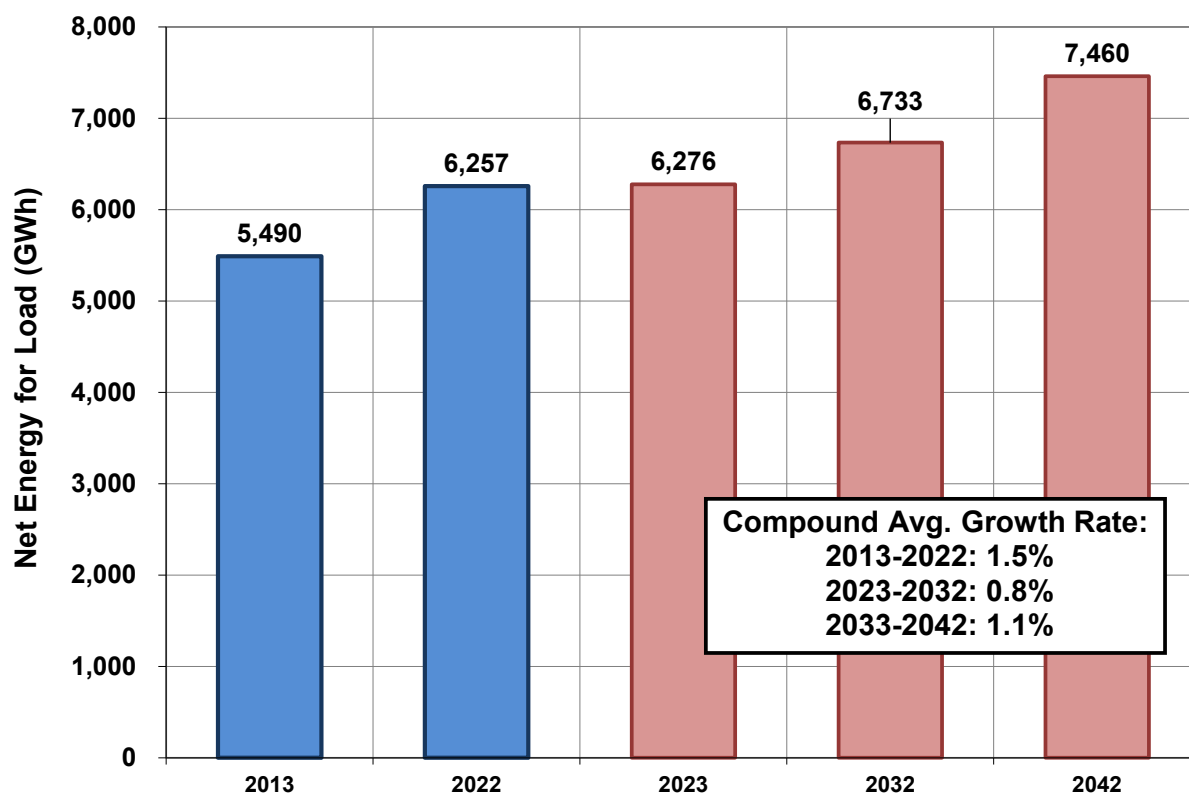
Figure 7: Base Case Electric Vehicle Load for Current ARP Participants

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 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 require an alternative arrangement with the ARP. 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 8](#) below, is expected to grow at compound annual growth rates of 0.8% per year over fiscal years (FY)⁶ 2023-2032 and 1.1% over 2033-2042. As mentioned above, these results reflect the Current ARP Participants and do not account for potential future changes from full requirements service by the ARP for all current Participants over the forecast horizon. Load growth statistics in the text box reflect projected NEL net of incremental DG solar.

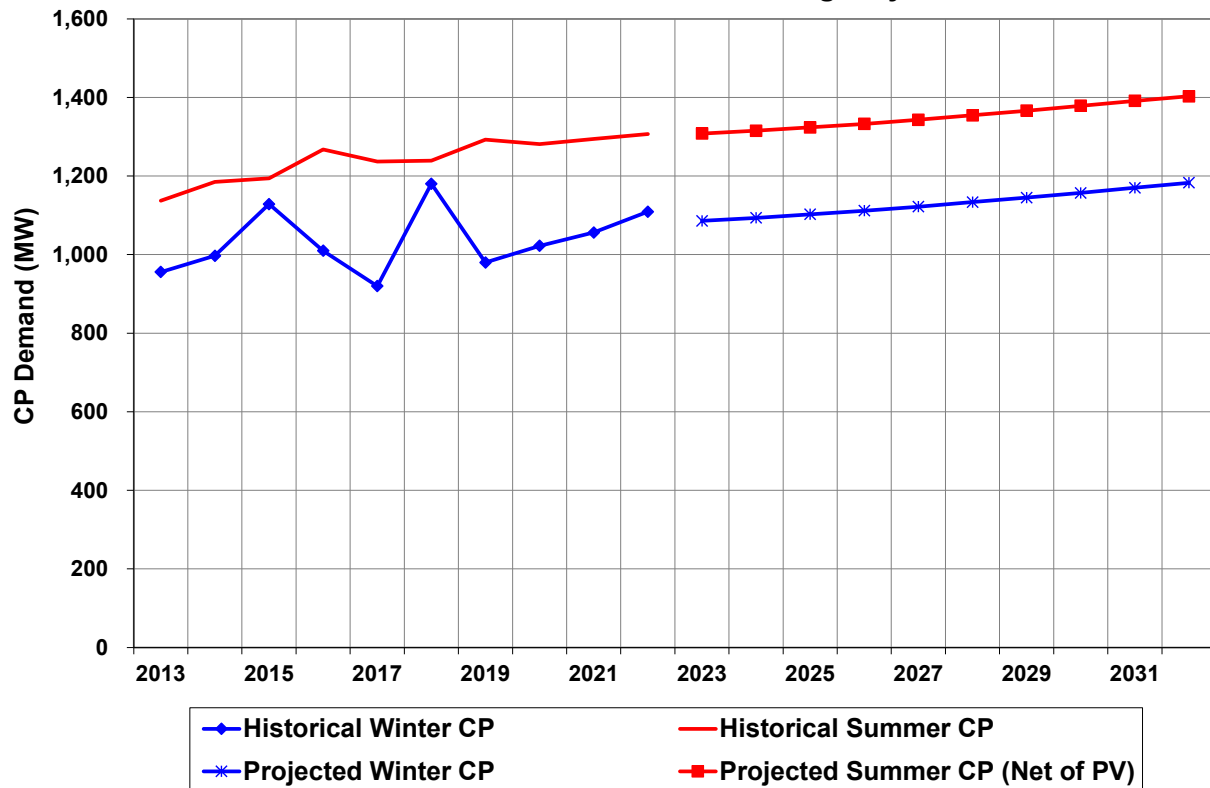


* Data shown represents the sum of Members regardless of the timing of supply

Figure 8: Total Net Energy for Load of Current Participants

⁶ FMPA’s fiscal year represents the twelve-month period from October of the preceding year through September of the current year.

Figure 9 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, and more often in August than other summer months. The 2023 Forecast reflects that the summer coincident peak demand of the Current Participants, net of incremental DG, is expected to grow at compound annual growth rates of 0.8% per year over 2023-2032 and 1.1% over 2033-2042.



* Data shown represents the sum of Members regardless of the timing of supply

Figure 9: Seasonal Peak Demand of the Current Participants

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. These factors have 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. While the COVID-19 pandemic caused a significant retrenchment, the Florida economy experienced a rapid recovery during 2021, reaching levels near and in some cases exceeding the pre-pandemic levels.

Table 1
Recent Trends in Florida Economic Indicators

Economic Indicator	2008 Value	2012 Value	2021 Value	2022 Preliminary
Home Price Index (2016\$)	213,905	153,928	313,468	344,903 (Q3)
Gross State Product (2016\$; \$M)	803,218	769,309	1,042,850	1,123,488
Unemployment Rate	6.3%	8.5%	4.6%	2.5% (Dec)
Total Employment (Ths)	10,297	10,256	12,922	13,308
Construction Employment (Ths)	693	502	808	817
Tourist Visitation Counts (millions)	82.5	89.7	122.0	6% YoY Incr.

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

The 2023 Forecast results reflect strong population growth across 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 most of the forecast horizon and is not a growth driver until the “out years”, when EV adoption becomes more significant. The High Economic Case described further below reflects both higher economic growth, as well as a much higher pace of transportation electrification and greater increases in usage per residential meter.

Figure 10 below depicts the comparative growth rates in residential customer counts over 2023-2042 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. Green Cove Springs, Kissimmee, and Newberry represent the highest growth members. Over the past few years, KUA and Newberry have experienced consistent and significant residential growth, reflecting their locations in prime growth areas in Florida. Green Cove Springs, on the other hand, has exhibited less robust growth but expects significant new development over the next decade. KUA’s residential growth also significantly affects the overall ARP, as it is the largest ARP member and has the largest base of residential customers.

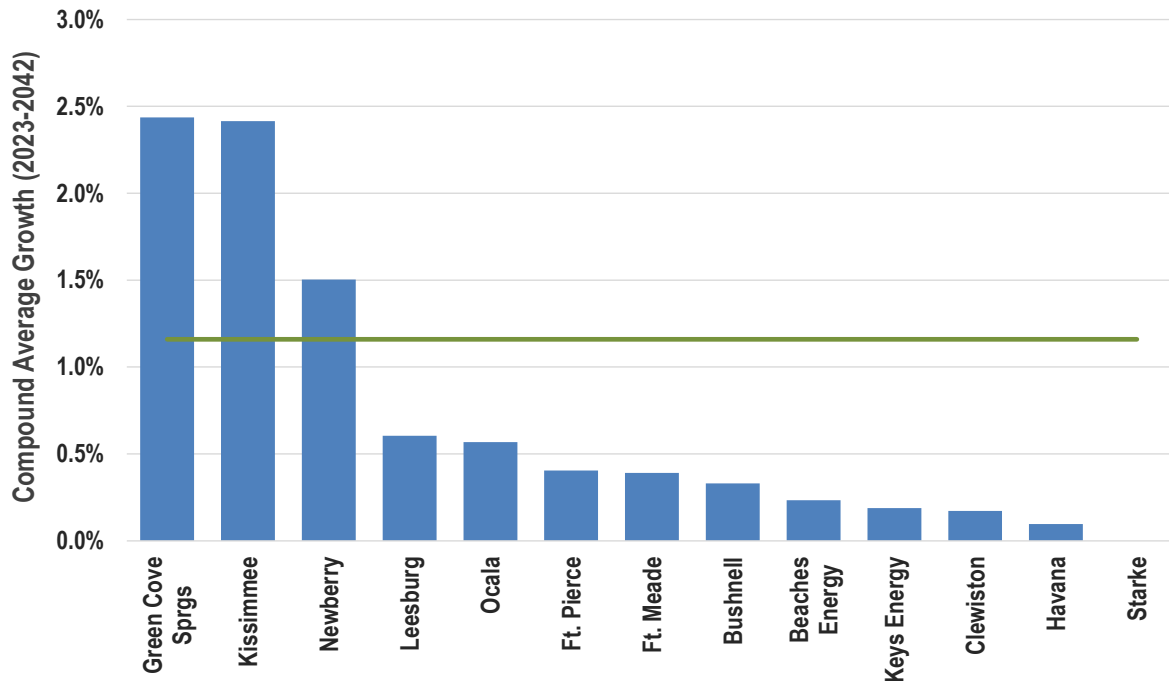


Figure 10: Compound Average Growth in Residential Customers over the Forecast Horizon

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, as well as the planned departure from the ARP of Starke effective October 2035, Green Cove Springs effective October 2037, , and Fort Meade effective October 2041. However, the impact of these changes in the ARP on load supplied by the ARP is modest, and FMPA anticipates working with these members to extend existing supplemental service agreements beyond their current expiration and otherwise extend their service from the ARP. The results of the Forecast, on a Supplied basis, are summarized in [Table 2](#) below, net of incremental DG.

Table 2
Forecasted Loads Assumed to be Supplied from the ARP

Participant	Annual Coincident Peak Demand (MW) ^[1]					Annual Net Energy for Load (FY; GWh)				
	2023	2027	2032	2037	2042	2023	2027	2032	2037	2042
Bushnell	12.9	13.4	13.8	14.3	14.8	60	62	64	66	68
Clewiston	21.4	21.6	22.0	22.5	23.0	105	107	109	111	114
Ft Meade ^[2,3]	9.5	9.5	7.8	7.7	0.0	44	44	36	36	0
Ft Pierce	110.7	112.4	115.6	119.6	123.6	594	598	617	636	656
Green Cove Springs ^[2,3]	24.5	27.5	21.5	21.3	0.0	115	128	98	98	0
Havana	4.7	4.6	4.8	4.9	5.0	24	24	25	25	26
Jacksonville Beach	154.0	159.0	162.2	167.9	173.1	731	754	772	798	823
Key West	139.1	140.6	143.6	148.2	152.6	790	799	817	841	865
Kissimmee	387.8	404.1	436.1	479.0	531.2	1,788	1,861	2,011	2,203	2,439
Leesburg	115.8	117.6	121.1	124.6	127.3	530	539	558	572	585
Newberry	10.5	11.5	12.2	13.1	14.0	47	52	56	60	64
Ocala	302.4	306.7	315.3	324.4	333.6	1,378	1,395	1,442	1,479	1,522
Starke ^[3]	14.6	14.8	14.8	0.0	0.0	69	69	69	0	0
Total ARP ^[4]	1,308.1	1,343.1	1,390.8	1,447.4	1,498.2	6,276	6,433	6,673	6,926	7,161

[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] Reflects assumed need for an alternative arrangement with the ARP for Starke, effective October 2035, Green Cove Springs, effective October 2037, and Ft. Meade, effective October 2041.

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

A similar forecast was completed in early 2022 (2022 Forecast). Net energy for load of the Current Participants for fiscal year 2022, as projected in the 2022 Forecast, was 1.2% lower than the actual value but nearly equal to the weather-normalized value, based on a weather-normalization estimation process conducted by FMPA.⁷ The forecasted 2022 summer coincident peak from the 2022 Forecast was approximately 0.3% lower than the actual and 0.2% higher than the weather-normalized 2022 summer coincident peak.

Figures 11 and 12 compare the forecasted fiscal year net energy for load and peak demand, respectively, of the Current Participants of the ARP, from the current 2023 Forecast and the 2022 Forecast, on a net of incremental PV basis. Differences in forecasted NEL for the 2023 Forecast versus 2022 Forecast range from 1.4% lower in FY2031 to 2.1% higher in FY2041, and differences in annual peak demand range from 2.1% lower in FY2031 to 1.6% higher in FY2041. These lower projected load levels in FY2031 are driven primarily from a combination of an increased projection of incremental PV across the ARP Participants, while the higher projected load levels in FY2041 are driven primarily by the expected growth in EV adoption. However, the current Forecast is overall very similar to the 2022 Forecast.

⁷ Weather-normalized coincident peak demands reflect a separate estimation process.

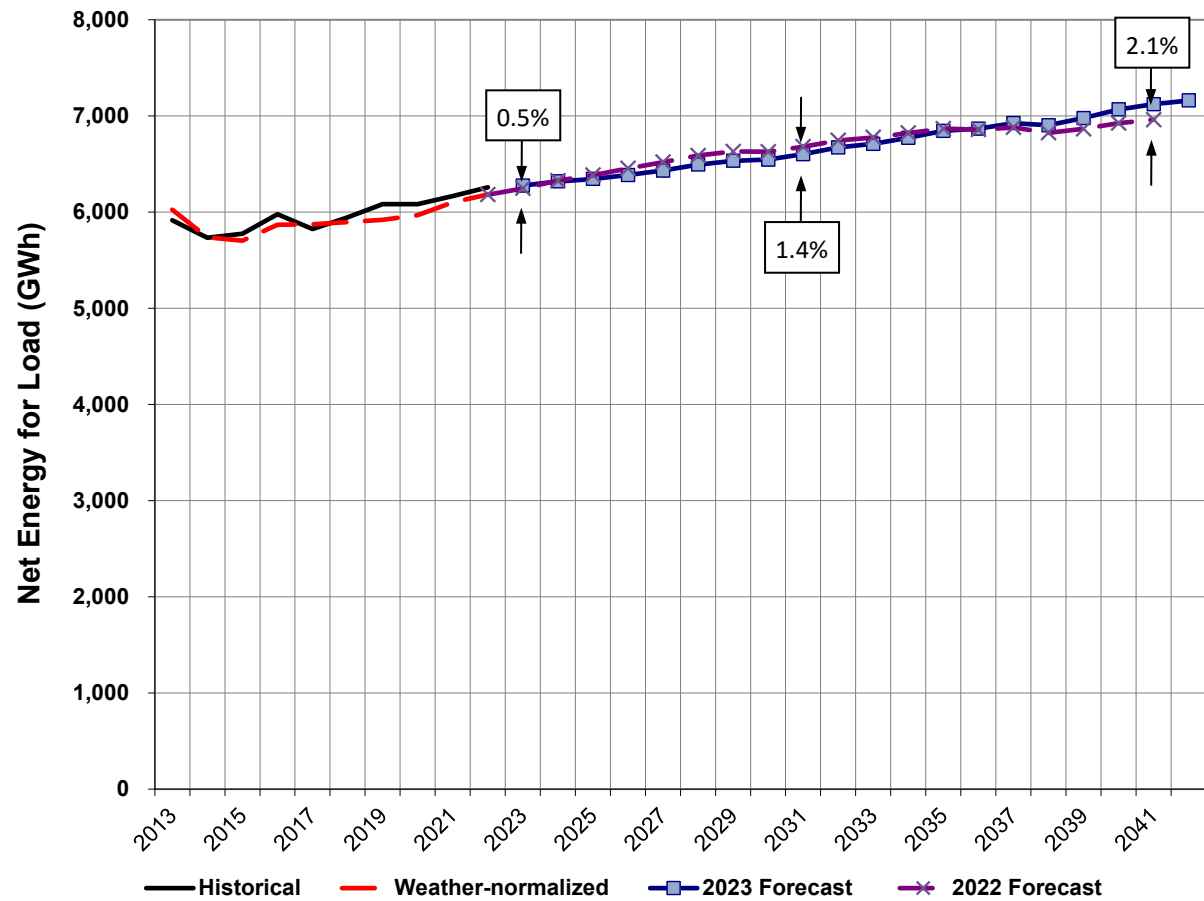


Figure 11: Annual Net Energy for Load of the Current Participants

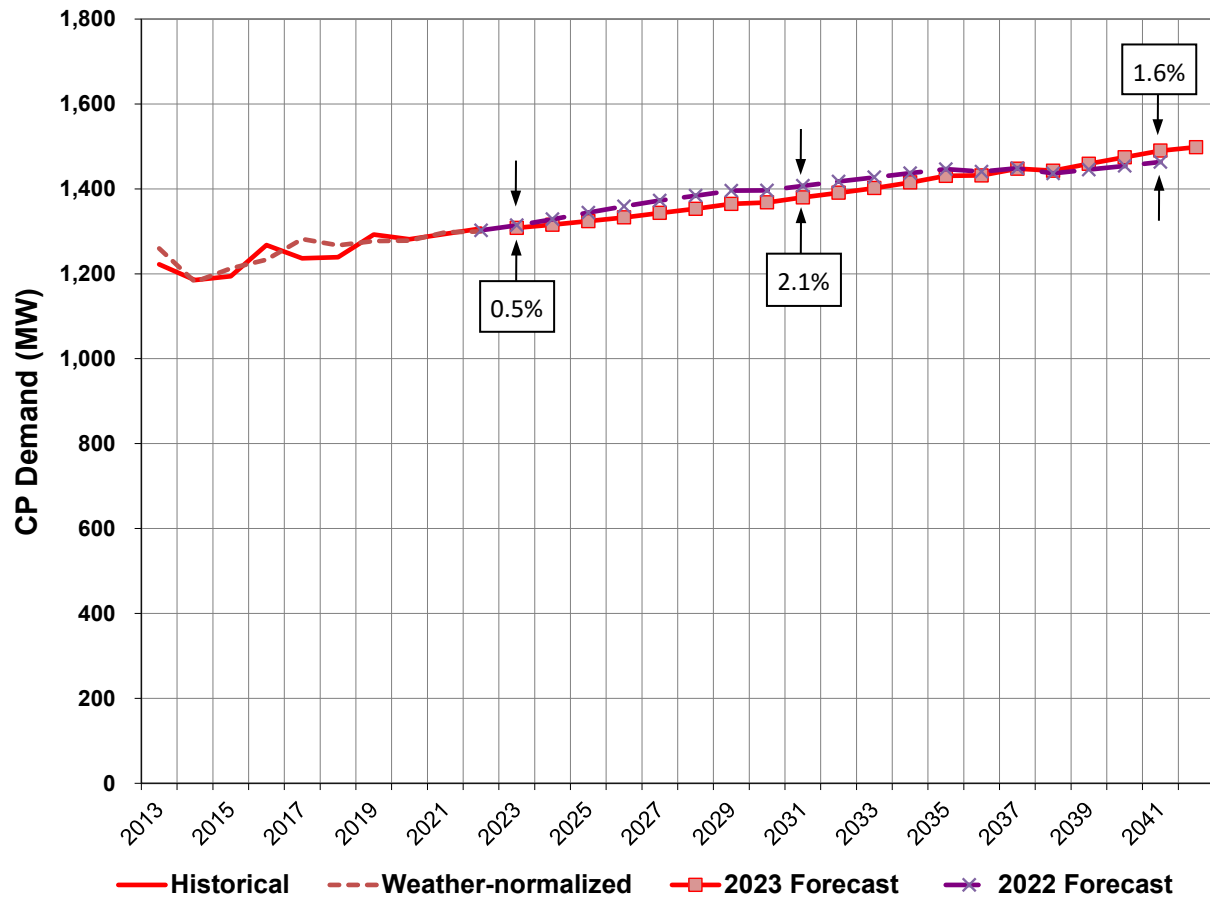


Figure 12: Summer Peak Demand of the Current Participants

In addition to the Base Case Forecast, low and high scenarios were prepared to capture the uncertainty in the trend of economic activity (High and Low Economic Cases), based on statistics published by Woods & Poole regarding historical errors in their state-level forecasts across the United States, intended to encompass 90% of the uncertainty in the driving variables. The resulting growth rates for net energy for load and summer coincident peak of the Current Participants for the Low and High Economic Cases are compared to the Base Case in Table 3 below.

Table 3
Projected Growth Rates for NEL and Summer CP by Scenario

	NEL		Summer CP	
	2023-2032	2033-2042	2022-2031	2032-2041
Base Case	0.8%	1.1%	0.8%	1.1%
Low Economic Case	-0.1%	0.3%	-0.1%	0.3%
High Economic Case	1.7%	1.7%	1.7%	1.7%

Figure 13 below depicts the forecast of summer CP demand, for the Current Participants, resulting from these scenarios as compared to historical and weather-normalized data and the Base Case forecast.

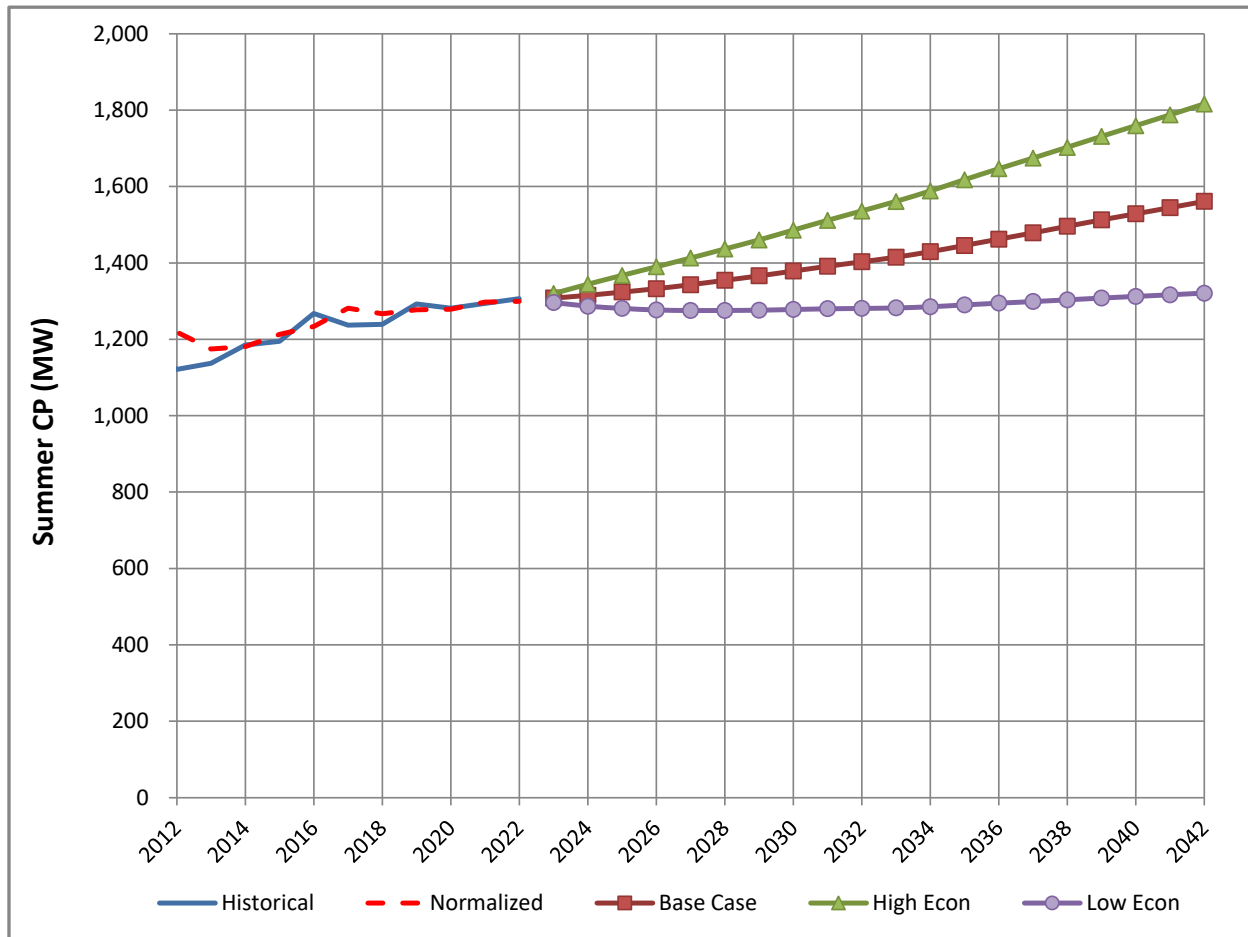


Figure 13: Forecast Scenarios of Coincident Peak Demand – Current Participants

The Appendices to this report contain detailed numerical projections of NEL and peak demand across the ARP Participants and various summations of the Participants to support ARP planning activities.

Appendix A
TOTAL ALL REQUIREMENTS PROJECT

FMPA 2023 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	Year															
	2013	5,914,988	-	6,025,455	-	1.9%	1,009.9	-	974.3	-	-3.5%	1,222.0	-	1,259.5		3.1%
	2014	5,733,592	-3.1%	5,737,586	-4.8%	0.1%	996.9	-1.3%	1,065.7	9.4%	6.9%	1,185.1	-3.0%	1,180.9	-6.2%	-0.4%
	2015	5,777,052	0.8%	5,704,073	-0.6%	-1.3%	1,128.5	13.2%	990.7	-7.0%	-12.2%	1,194.4	0.8%	1,212.8	2.7%	1.5%
	2016	5,981,790	3.5%	5,868,866	2.9%	-1.9%	1,009.9	-10.5%	1,028.8	3.8%	1.9%	1,267.7	6.1%	1,233.3	1.7%	-2.7%
	2017	5,827,865	-2.6%	5,873,867	0.1%	0.8%	919.8	-8.9%	935.2	-9.1%	1.7%	1,236.7	-2.4%	1,281.7	3.9%	3.6%
	2018	5,947,009	2.0%	5,896,883	0.4%	-0.8%	1,180.3	28.3%	1,114.1	19.1%	-5.6%	1,238.9	0.2%	1,266.9	-1.2%	2.3%
	2019	6,082,512	2.3%	5,919,867	0.4%	-2.7%	979.8	-17.0%	1,123.8	0.9%	14.7%	1,292.4	4.3%	1,277.3	0.8%	-1.2%
	2020	6,082,634	0.0%	5,970,182	0.8%	-1.8%	1,022.3	4.3%	1,088.7	-3.1%	6.5%	1,281.4	-0.9%	1,278.4	0.1%	-0.2%
	2021	6,166,622	1.4%	6,101,299	2.2%	-1.1%	1,056.1	3.3%	1,089.2	0.1%	3.1%	1,294.2	1.0%	1,297.6	1.5%	0.3%
	2022	6,257,496	1.5%	6,183,670	1.4%	-1.2%	1,109.0	5.0%	1,077.9	-1.0%	-2.8%	1,306.7	1.0%	1,299.6	0.2%	-0.5%
Projected	2023	6,276,430	0.3%	6,276,430	1.5%		1,085.7	-2.1%	1,085.7	0.7%		1,308.1	0.1%	1,308.1	0.7%	
	2024			6,319,591	0.7%				1,093.6	0.7%				1,315.4	0.6%	
	2025			6,345,263	0.4%				1,102.6	0.8%				1,323.8	0.6%	
	2026			6,386,373	0.6%				1,111.8	0.8%				1,332.7	0.7%	
	2027			6,433,004	0.7%				1,121.9	0.9%				1,343.1	0.8%	
	2028			6,502,094	1.1%				1,133.8	1.1%				1,354.6	0.9%	
	2029			6,541,898	0.6%				1,145.2	1.0%				1,366.1	0.9%	
	2030			6,599,438	0.9%				1,157.0	1.0%				1,378.8	0.9%	
	2031			6,659,735	0.9%				1,170.0	1.1%				1,391.2	0.9%	
	2032			6,733,382	1.1%				1,182.8	1.1%				1,403.0	0.8%	
	2033			6,775,706	0.6%				1,195.0	1.0%				1,415.2	0.9%	
	2034			6,844,113	1.0%				1,207.5	1.0%				1,429.5	1.0%	
	2035			6,919,869	1.1%				1,219.6	1.0%				1,445.8	1.1%	
	2036			6,945,790	0.4%				1,218.6	-0.1%				1,447.5	0.1%	
	2037			7,006,692	0.9%				1,229.8	0.9%				1,463.9	1.1%	
	2038			6,913,350	-1.3%				1,201.3	-2.3%				1,444.7	-1.3%	
	2039			6,988,242	1.1%				1,213.0	1.0%				1,460.9	1.1%	
	2040			7,078,277	1.3%				1,225.5	1.0%				1,476.4	1.1%	
	2041			7,133,450	0.8%				1,236.6	0.9%				1,491.9	1.0%	
	2042			7,160,897	0.4%				1,237.2	0.0%				1,498.2	0.4%	
CAGR ^[3]	2013-2022		0.6%		0.3%			1.0%		1.1%			0.7%		0.3%	
	2023-2032				0.8%					1.0%					0.8%	
	2033-2042				0.6%					0.4%					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 2023 Load Forecast - Base Case
Total Agency - Supplied
2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	5,914,988	-	5,914,988	-	1,072.3	1,258.0	1,114.0	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	1,107.3	1,216.5	996.9	1,185.1	996.9	1,185.1
	2015	5,777,052	0.8%	5,777,052	0.8%	1,149.5	1,229.4	1,149.5	1,229.4	1,128.5	1,194.4	1,128.5	1,194.4
	2016	5,981,790	3.5%	5,981,790	3.5%	1,061.1	1,291.2	1,061.1	1,291.2	1,009.9	1,267.7	1,009.9	1,267.7
	2017	5,827,865	-2.6%	5,827,865	-2.6%	981.0	1,267.4	1,067.3	1,267.4	919.8	1,236.7	919.8	1,236.7
	2018	5,947,009	2.0%	5,945,906	2.0%	1,220.9	1,252.9	1,219.5	1,252.9	1,180.3	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	1,165.2	1,311.1	979.8	1,292.4	979.8	1,292.4
	2020	6,082,634	0.0%	6,082,634	0.0%	1,058.6	1,312.8	1,147.4	1,312.8	1,022.3	1,281.4	1,022.3	1,281.4
	2021	6,166,622	1.4%	6,166,622	1.4%	1,122.2	1,312.0	1,150.1	1,312.0	1,056.1	1,294.2	1,056.1	1,294.2
	2022	6,257,496	1.5%	6,181,664	0.2%	1,184.3	1,353.1	1,173.1	1,334.7	1,109.0	1,306.7	1,099.8	1,302.3
Projected	2023	6,276,430	0.3%	6,246,679	1.1%	1,162.8	1,337.7	1,188.8	1,346.7	1,085.7	1,308.1	1,114.7	1,314.0
	2024	6,319,591	0.7%	6,327,167	1.3%	1,170.7	1,345.2	1,201.6	1,361.4	1,093.6	1,315.4	1,127.1	1,328.4
	2025	6,345,263	0.4%	6,384,642	0.9%	1,180.5	1,353.8	1,216.2	1,377.3	1,102.6	1,323.8	1,140.7	1,344.0
	2026	6,386,373	0.6%	6,455,037	1.1%	1,190.3	1,363.0	1,230.8	1,392.4	1,111.8	1,332.7	1,154.6	1,358.8
	2027	6,433,004	0.7%	6,520,182	1.0%	1,200.9	1,373.6	1,245.1	1,406.6	1,121.9	1,343.1	1,168.2	1,372.6
	2028	6,502,094	1.1%	6,588,764	1.1%	1,212.9	1,385.4	1,256.7	1,418.0	1,133.8	1,354.6	1,179.7	1,383.8
	2029	6,541,898	0.6%	6,630,351	0.6%	1,225.2	1,397.3	1,270.2	1,430.1	1,145.2	1,366.1	1,192.3	1,395.7
	2030	6,599,438	0.9%	6,628,695	0.0%	1,237.6	1,410.2	1,269.4	1,430.5	1,157.0	1,378.8	1,191.6	1,396.2
	2031	6,659,735	0.9%	6,680,594	0.8%	1,251.2	1,423.1	1,282.0	1,441.7	1,170.0	1,391.2	1,203.7	1,407.1
	2032	6,733,382	1.1%	6,745,882	1.0%	1,264.4	1,435.2	1,294.1	1,452.1	1,182.8	1,403.0	1,215.5	1,417.3
	2033	6,775,706	0.6%	6,776,937	0.5%	1,277.6	1,447.8	1,305.8	1,462.3	1,195.0	1,415.2	1,226.3	1,427.2
	2034	6,844,113	1.0%	6,823,360	0.7%	1,290.7	1,462.5	1,317.6	1,472.2	1,207.5	1,429.5	1,237.7	1,436.8
	2035	6,919,869	1.1%	6,868,460	0.7%	1,303.5	1,479.2	1,329.0	1,482.1	1,219.6	1,445.8	1,248.6	1,446.5
	2036	6,945,790	0.4%	6,858,056	-0.2%	1,302.4	1,481.0	1,326.2	1,476.0	1,218.6	1,447.5	1,246.1	1,440.6
	2037	7,006,692	0.9%	6,880,904	0.3%	1,314.7	1,497.9	1,337.5	1,484.1	1,229.8	1,463.9	1,256.5	1,448.5
	2038	6,913,350	-1.3%	6,825,035	-0.8%	1,285.9	1,477.1	1,324.7	1,471.3	1,201.3	1,444.7	1,243.2	1,436.4
	2039	6,988,242	1.1%	6,866,537	0.6%	1,298.2	1,493.7	1,336.5	1,480.4	1,213.0	1,460.9	1,254.5	1,445.2
	2040	7,078,277	1.3%	6,925,195	0.9%	1,311.0	1,509.5	1,348.7	1,489.4	1,225.5	1,476.4	1,266.5	1,454.0
	2041	7,133,450	0.8%	6,961,497	0.5%	1,323.2	1,525.3	1,368.3	1,498.9	1,236.6	1,491.9	1,285.0	1,463.2
	2042	7,160,897	0.4%			1,324.2	1,531.2			1,237.2	1,498.2		
CAGR ^[1]	Historical		0.6%		0.5%	1.1%	0.8%	0.4%	0.5%	1.3%	1.2%	0.8%	1.3%
	1st 10 Prj Yrs		0.8%		0.9%	0.9%	0.8%	1.0%	0.9%	1.0%	0.8%	1.0%	0.9%
	2nd 10 Prj Yrs		0.6%		0.4%	0.4%	0.6%	0.6%	0.4%	0.4%	0.6%	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 2023 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	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	420,501	369,488	422,913	462,373	543,871	546,093	610,626	626,595	521,538	510,314	404,255	427,914	5,866,482	5,827,865
	2018	487,083	396,364	410,759	435,098	497,243	566,526	596,706	617,855	596,890	535,843	436,820	427,594	6,004,781	5,947,009
	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	545,943	440,864	444,548	6,129,243	6,082,634
	2021	437,564	409,376	453,416	457,716	551,422	580,029	623,477	646,967	575,300	535,911	409,289	440,584	6,121,051	6,166,622
	2022	466,096	408,934	458,502	473,518	574,812	615,145	656,576	653,468	564,661	537,675	427,490	453,276	6,290,153	6,257,496
Projected	2023	476,139	419,086	458,200	468,853	551,988	600,327	641,656	651,347	590,393	535,245	430,770	455,600	6,279,604	6,276,430
	2024	478,681	436,494	460,113	470,788	554,724	602,897	645,334	655,185	593,760	538,847	433,369	458,879	6,329,071	6,319,591
	2025	482,312	424,818	462,634	473,531	558,121	606,489	649,497	659,261	597,505	542,362	435,822	462,120	6,354,471	6,345,263
	2026	485,922	427,911	465,247	476,270	561,609	610,284	653,821	663,616	601,391	545,956	438,422	465,644	6,396,092	6,386,373
	2027	489,842	431,367	468,323	479,517	565,765	614,719	658,823	668,688	605,938	550,345	441,726	469,987	6,445,040	6,433,004
	2028	494,497	450,663	471,979	483,320	570,487	619,667	664,327	674,233	610,862	554,956	445,173	474,508	6,514,672	6,502,094
	2029	499,319	439,627	475,729	487,212	575,309	624,658	669,861	679,787	615,759	559,500	448,540	479,045	6,554,346	6,541,898
	2030	504,217	443,942	479,584	491,261	580,409	629,987	675,854	685,889	621,208	564,518	452,299	484,128	6,613,297	6,599,438
	2031	509,623	448,632	483,731	495,537	585,711	635,405	681,837	691,873	626,441	569,484	455,943	489,097	6,673,314	6,659,735
	2032	514,893	469,108	487,692	499,600	590,762	640,503	687,469	697,497	631,334	574,305	459,486	494,034	6,746,684	6,733,382
Projected	2033	520,160	457,767	491,671	503,702	595,911	645,701	693,237	703,303	636,431	580,097	463,979	499,588	6,791,544	6,775,706
	2034	526,012	462,837	496,623	508,717	601,963	651,895	699,989	710,036	642,378	586,387	468,962	505,392	6,861,192	6,844,113
	2035	532,123	468,174	502,195	514,360	608,713	658,913	707,647	717,727	649,275	587,498	469,484	506,356	6,922,466	6,919,869
	2036	532,952	485,755	503,059	515,314	609,743	659,553	708,238	718,195	649,644	594,112	474,790	512,434	6,963,787	6,945,790
	2037	539,267	474,571	508,931	521,192	616,672	666,638	715,873	725,796	656,417	586,738	467,978	505,513	6,985,585	7,006,692
	2038	530,903	467,596	502,343	515,026	609,571	657,892	706,488	716,109	647,194	592,859	472,846	511,346	6,930,173	6,913,350
	2039	537,008	472,924	507,889	520,641	616,298	664,808	714,037	723,657	653,929	598,971	477,633	517,126	7,004,920	6,988,242
	2040	543,058	495,481	513,239	526,047	622,785	671,454	721,282	730,875	660,327	605,076	482,399	522,861	7,094,884	7,078,277
	2041	549,067	483,413	518,572	531,432	629,250	678,077	728,509	738,076	666,716	607,318	483,962	525,020	7,139,413	7,133,450
	2042	551,392	485,540	520,661	533,432	631,665	680,666	731,478	740,825	668,937	613,636	488,929	530,893	7,178,055	7,160,897

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	7.4%	8.3%	9.5%	10.2%	10.4%	9.5%	8.9%	7.2%	7.3%	100.0%
	2021	7.1%	6.7%	7.4%	7.5%	9.0%	9.5%	10.2%	10.6%	9.4%	8.8%	6.7%	7.2%	100.0%
	2022	7.4%	6.5%	7.3%	7.5%	9.1%	9.8%	10.4%	10.4%	9.0%	8.5%	6.8%	7.2%	100.0%
Projected	2023	7.6%	6.7%	7.3%	7.5%	8.8%	9.6%	10.2%	10.4%	9.4%	8.5%	6.9%	7.3%	100.0%
	2024	7.6%	6.9%	7.3%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	7.3%	100.0%
	2025	7.6%	6.7%	7.3%	7.5%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.9%	7.3%	100.0%
	2026	7.6%	6.7%	7.3%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.9%	7.3%	100.0%
	2027	7.6%	6.7%	7.3%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.9%	7.3%	100.0%
	2028	7.6%	6.9%	7.2%	7.4%	8.8%	9.5%	10.2%	10.3%	9.4%	8.5%	6.8%	7.3%	100.0%
	2029	7.6%	6.7%	7.3%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	7.3%	100.0%
	2030	7.6%	6.7%	7.3%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	7.3%	100.0%
	2031	7.6%	6.7%	7.2%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	7.3%	100.0%
	2032	7.6%	7.0%	7.2%	7.4%	8.8%	9.5%	10.2%	10.3%	9.4%	8.5%	6.8%	7.3%	100.0%
Avg.	2013-2022	7.4%	6.6%	7.2%	7.6%	8.8%	9.6%	10.2%	10.4%	9.3%	8.6%	7.0%	7.2%	100.0%
	2023-2032	7.6%	6.8%	7.3%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	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 2023 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	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	981.0	845.4	971.0	1,111.6	1,194.5	1,201.3	1,251.4	1,267.4	1,203.9	1,139.4	888.2	960.2	981.0	1,267.4
	2018	1,220.9	928.7	904.0	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	1,220.9	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	1,150.1	973.0	984.0	1,058.6	1,312.8
	2021	965.5	1,122.2	1,040.3	1,083.5	1,228.8	1,259.6	1,290.7	1,312.0	1,216.0	1,183.2	889.1	889.1	1,122.2	1,312.0
	2022	1,184.3	1,008.1	1,009.5	1,074.3	1,211.1	1,353.1	1,327.2	1,318.5	1,298.2	1,171.7	983.4	949.6	1,184.3	1,353.1
Projected	2023	1,162.8	1,064.9	1,029.4	1,089.7	1,224.9	1,304.0	1,314.4	1,337.7	1,271.9	1,164.9	989.8	955.7	1,162.8	1,337.7
	2024	1,170.7	1,072.0	1,038.4	1,096.8	1,233.1	1,311.1	1,321.7	1,345.2	1,278.9	1,172.7	997.0	964.1	1,170.7	1,345.2
	2025	1,180.5	1,081.1	1,046.8	1,104.9	1,242.4	1,319.5	1,330.2	1,353.8	1,287.0	1,181.7	1,005.5	972.2	1,180.5	1,353.8
	2026	1,190.3	1,090.1	1,056.2	1,113.5	1,252.2	1,328.2	1,339.2	1,363.0	1,295.6	1,191.0	1,014.9	980.8	1,190.3	1,363.0
	2027	1,200.9	1,099.8	1,066.6	1,123.5	1,263.6	1,338.5	1,349.6	1,373.6	1,305.6	1,202.1	1,027.0	990.5	1,200.9	1,373.6
	2028	1,212.9	1,110.8	1,079.4	1,134.6	1,276.2	1,349.9	1,361.0	1,385.4	1,316.6	1,214.3	1,038.1	1,001.0	1,212.9	1,385.4
	2029	1,225.2	1,122.3	1,092.0	1,146.1	1,289.1	1,361.3	1,372.6	1,397.3	1,327.8	1,226.7	1,050.4	1,011.3	1,225.2	1,397.3
	2030	1,237.6	1,133.8	1,105.6	1,158.6	1,303.2	1,373.8	1,385.2	1,410.2	1,340.0	1,240.2	1,063.9	1,022.6	1,237.6	1,410.2
	2031	1,251.2	1,146.4	1,120.3	1,171.3	1,317.4	1,386.2	1,397.7	1,423.1	1,352.0	1,254.0	1,078.2	1,033.3	1,251.2	1,423.1
	2032	1,264.4	1,158.4	1,135.3	1,183.5	1,331.1	1,397.9	1,409.6	1,435.2	1,363.5	1,267.3	1,091.1	1,044.6	1,264.4	1,435.2
Projected	2033	1,277.6	1,170.7	1,149.7	1,196.2	1,345.4	1,410.0	1,421.9	1,447.8	1,375.3	1,282.5	1,105.2	1,055.6	1,277.6	1,447.8
	2034	1,290.7	1,182.9	1,164.9	1,210.0	1,360.6	1,424.3	1,436.3	1,462.5	1,389.2	1,298.3	1,119.5	1,066.4	1,290.7	1,462.5
	2035	1,303.5	1,194.8	1,180.3	1,225.2	1,377.3	1,440.6	1,452.8	1,479.2	1,405.3	1,302.6	1,125.1	1,065.8	1,303.5	1,479.2
	2036	1,302.4	1,194.2	1,186.0	1,228.9	1,380.5	1,442.6	1,454.6	1,481.0	1,407.4	1,319.3	1,139.1	1,076.6	1,302.4	1,481.0
	2037	1,314.7	1,205.8	1,201.4	1,244.2	1,397.1	1,459.1	1,471.2	1,497.9	1,423.6	1,304.1	1,127.2	1,054.8	1,314.7	1,497.9
	2038	1,285.9	1,180.8	1,187.9	1,230.7	1,380.1	1,439.6	1,451.0	1,477.1	1,404.8	1,319.5	1,141.9	1,065.2	1,285.9	1,477.1
	2039	1,298.2	1,192.3	1,203.7	1,246.0	1,396.9	1,455.8	1,467.3	1,493.7	1,420.7	1,335.1	1,157.4	1,075.7	1,298.2	1,493.7
	2040	1,311.0	1,204.1	1,220.0	1,260.9	1,413.1	1,471.2	1,482.8	1,509.5	1,435.8	1,350.8	1,171.0	1,086.4	1,311.0	1,509.5
	2041	1,323.2	1,215.6	1,235.1	1,275.7	1,429.3	1,486.6	1,498.4	1,525.3	1,451.0	1,357.3	1,177.6	1,088.4	1,323.2	1,525.3
	2042	1,324.2	1,217.8	1,242.5	1,282.0	1,436.0	1,492.4	1,504.5	1,531.2	1,456.8	1,373.4	1,192.3	1,099.0	1,324.2	1,531.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	66.5%	60.2%	60.2%	63.2%	59.9%	68.3%	52.5%
	2018	53.6%	63.5%	61.1%	64.6%	62.3%	64.0%	65.1%	66.3%	66.4%	61.8%	59.1%	58.2%	56.1%	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%	63.8%	62.9%	60.7%	66.1%	52.9%
	2021	60.9%	54.3%	58.6%	58.7%	60.3%	64.0%	64.9%	66.3%	65.7%	60.9%	63.9%	66.6%	62.3%	53.7%
	2022	52.9%	60.4%	61.0%	61.2%	63.8%	63.1%	66.5%	66.6%	60.4%	61.7%	60.4%	64.2%	60.6%	52.8%
Projected	2023	55.0%	58.6%	59.8%	59.8%	60.6%	63.9%	65.6%	65.4%	64.5%	61.8%	60.4%	64.1%	61.6%	53.6%
	2024	55.0%	58.5%	59.6%	59.6%	60.5%	63.9%	65.6%	65.5%	64.5%	61.8%	60.4%	64.0%	61.7%	53.6%
	2025	54.9%	58.5%	59.4%	59.5%	60.4%	63.8%	65.6%	65.5%	64.5%	61.7%	60.2%	63.9%	61.4%	53.5%
	2026	54.9%	58.4%	59.2%	59.4%	60.3%	63.8%	65.6%	65.4%	64.5%	61.6%	60.0%	63.8%	61.3%	53.5%
	2027	54.8%	58.4%	59.0%	59.3%	60.2%	63.8%	65.6%	65.4%	64.5%	61.5%	59.7%	63.8%	61.3%	53.5%
	2028	54.8%	58.3%	58.8%	59.2%	60.1%	63.8%	65.6%	65.4%	64.4%	61.4%	59.6%	63.7%	61.3%	53.6%
	2029	54.8%	58.3%	58.6%	59.0%	60.0%	63.7%	65.6%	65.4%	64.4%	61.3%	59.3%	63.7%	61.1%	53.4%
	2030	54.8%	58.3%	58.3%	58.9%	59.9%	63.7%	65.6%	65.4%	64.4%	61.2%	59.0%	63.6%	61.0%	53.4%
	2031	54.7%	58.2%	58.0%	58.8%	59.8%	63.7%	65.6%	65.3%	64.4%	61.0%	58.7%	63.6%	60.9%	53.4%
	2032	54.7%	58.2%	57.7%	58.6%	59.7%	63.6%	65.6%	65.3%	64.3%	60.9%	58.5%	63.6%	60.9%	53.6%
Avg-	2013-2022	57.9%	58.8%	60.3%	60.7%	61.6%	63.6%	65.4%	65.9%	63.5%	61.7%	61.0%	63.3%	62.6%	53.3%
	2023-2032	54.8%	58.4%	58.8%	59.2%	60.1%	63.8%	65.6%	65.4%	64.4%	61.4%	59.6%	63.8%	61.3%	53.5%

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 2023 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	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	862.8	831.4	919.8	1,105.8	1,174.1	1,178.1	1,215.9	1,236.7	1,157.4	1,122.8	854.5	900.5	919.8	1,236.7
	2018	1,180.3	880.5	845.8	887.1	1,038.0	1,167.3	1,186.3	1,238.9	1,210.0	1,154.7	979.8	888.2	1,180.3	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	1,125.5	888.5	907.5	1,022.3	1,281.4
	2021	906.6	1,056.1	1,008.3	1,056.4	1,209.3	1,219.6	1,259.1	1,294.2	1,159.6	1,161.4	833.3	839.3	1,056.1	1,294.2
	2022	1,109.0	892.0	931.9	1,037.9	1,170.2	1,306.7	1,296.9	1,301.5	1,280.6	1,142.5	926.0	875.2	1,109.0	1,306.7
Projected	2023	1,085.7	1,005.9	969.9	1,054.2	1,191.6	1,268.0	1,273.7	1,308.1	1,232.3	1,136.3	932.3	881.1	1,085.7	1,308.1
	2024	1,093.6	1,012.9	978.4	1,061.1	1,199.5	1,274.9	1,280.8	1,315.4	1,238.9	1,143.9	939.1	888.7	1,093.6	1,315.4
	2025	1,102.6	1,021.4	986.3	1,068.9	1,208.6	1,283.0	1,289.0	1,323.8	1,246.6	1,152.6	947.1	896.2	1,102.6	1,323.8
	2026	1,111.8	1,029.9	995.2	1,077.1	1,218.1	1,291.5	1,297.6	1,332.7	1,254.8	1,161.6	956.0	904.3	1,111.8	1,332.7
	2027	1,121.9	1,039.2	1,004.9	1,086.8	1,229.1	1,301.4	1,307.6	1,343.1	1,264.4	1,172.4	967.4	913.4	1,121.9	1,343.1
	2028	1,133.8	1,050.0	1,017.1	1,097.5	1,241.3	1,312.4	1,318.7	1,354.6	1,275.0	1,184.3	977.9	923.1	1,133.8	1,354.6
	2029	1,145.2	1,060.8	1,029.1	1,108.5	1,253.8	1,323.5	1,329.8	1,366.1	1,285.6	1,196.3	989.6	932.7	1,145.2	1,366.1
	2030	1,157.0	1,071.8	1,041.9	1,120.6	1,267.5	1,335.6	1,341.9	1,378.8	1,297.3	1,209.5	1,002.4	943.3	1,157.0	1,378.8
	2031	1,170.0	1,083.8	1,055.9	1,132.8	1,281.2	1,347.5	1,354.0	1,391.2	1,308.8	1,222.9	1,015.9	953.4	1,170.0	1,391.2
	2032	1,182.8	1,095.6	1,070.2	1,144.5	1,294.4	1,358.8	1,365.3	1,403.0	1,319.7	1,235.8	1,028.1	963.8	1,182.8	1,403.0
Projected	2033	1,195.0	1,107.1	1,083.7	1,156.6	1,308.2	1,370.5	1,377.0	1,415.2	1,330.9	1,250.5	1,041.5	974.0	1,195.0	1,415.2
	2034	1,207.5	1,118.7	1,098.1	1,169.9	1,322.9	1,384.3	1,390.9	1,429.5	1,344.2	1,265.9	1,054.9	984.1	1,207.5	1,429.5
	2035	1,219.6	1,130.1	1,112.7	1,184.6	1,339.1	1,400.1	1,406.8	1,445.8	1,359.7	1,270.2	1,060.4	983.9	1,219.6	1,445.8
	2036	1,218.6	1,129.6	1,118.2	1,188.2	1,341.9	1,402.1	1,408.6	1,447.5	1,362.0	1,286.4	1,073.7	993.7	1,218.6	1,447.5
	2037	1,229.8	1,140.4	1,132.7	1,202.9	1,357.9	1,418.0	1,424.6	1,463.9	1,377.5	1,272.8	1,064.4	974.7	1,229.8	1,463.9
	2038	1,201.3	1,118.1	1,122.1	1,190.4	1,341.6	1,399.7	1,406.1	1,444.7	1,360.3	1,287.9	1,078.4	984.5	1,201.3	1,444.7
	2039	1,213.0	1,129.2	1,137.2	1,205.3	1,357.9	1,415.5	1,421.9	1,460.9	1,375.7	1,303.1	1,093.2	994.4	1,213.0	1,460.9
	2040	1,225.5	1,140.7	1,152.7	1,219.6	1,373.6	1,430.5	1,437.0	1,476.4	1,390.3	1,318.5	1,106.1	1,004.3	1,225.5	1,476.4
	2041	1,236.6	1,151.5	1,167.1	1,234.0	1,389.3	1,445.5	1,452.0	1,491.9	1,404.9	1,325.2	1,112.7	1,005.9	1,236.6	1,491.9
	2042	1,237.2	1,154.0	1,174.5	1,240.6	1,396.4	1,451.6	1,458.5	1,498.2	1,410.7	1,341.0	1,126.7	1,015.8	1,237.2	1,498.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	94.4%	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%	97.9%	91.3%	92.2%	96.6%	97.6%
	2021	93.9%	94.1%	96.9%	97.5%	98.4%	96.8%	97.6%	98.6%	95.4%	98.2%	93.7%	94.4%	94.1%	98.6%
	2022	93.6%	88.5%	92.3%	96.6%	96.6%	96.6%	97.7%	98.7%	98.6%	97.5%	94.2%	92.2%	93.6%	96.6%
Projected	2023	93.4%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.9%	97.5%	94.2%	92.2%	93.4%	97.8%
	2024	93.4%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.9%	97.5%	94.2%	92.2%	93.4%	97.8%
	2025	93.4%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.9%	97.5%	94.2%	92.2%	93.4%	97.8%
	2026	93.4%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.9%	97.5%	94.2%	92.2%	93.4%	97.8%
	2027	93.4%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.2%	93.4%	97.8%
	2028	93.5%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.2%	93.5%	97.8%
	2029	93.5%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.2%	93.5%	97.8%
	2030	93.5%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.2%	93.5%	97.8%
	2031	93.5%	94.5%	94.3%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.3%	93.5%	97.8%
	2032	93.5%	94.6%	94.3%	96.7%	97.2%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.3%	93.5%	97.8%
	2013-2022	92.6%	94.4%	93.9%	96.7%	97.2%	97.1%	96.8%	97.6%	96.7%	97.3%	94.7%	92.2%	95.1%	97.8%
	2023-2032	93.4%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.2%	93.4%	97.8%

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)

Appendix B
FLORIDA POWER & LIGHT CITIES

FMPA 2023 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	2013	2,693,753	-	2,742,513	-	1.8%	425.0	-	418.0	-	-1.6%	524.0	-	533.8	-	1.9%
	2014	2,437,324	-9.5%	2,420,076	-11.8%	-0.7%	384.4	-9.5%	417.2	-0.2%	8.5%	452.1	-13.7%	455.9	-14.6%	0.8%
	2015	2,366,430	-2.9%	2,340,657	-3.3%	-1.1%	456.4	18.7%	380.0	-8.9%	-16.7%	444.3	-1.7%	452.5	-0.7%	1.9%
	2016	2,436,956	3.0%	2,390,782	2.1%	-1.9%	390.9	-14.3%	397.7	4.6%	1.7%	484.9	9.1%	467.5	3.3%	-3.6%
	2017	2,341,144	-3.9%	2,317,726	-3.1%	-1.0%	344.6	-11.9%	362.9	-8.7%	5.3%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,320,711	0.1%	-1.5%	446.1	29.5%	422.6	16.4%	-5.3%	464.7	-0.5%	470.8	-1.1%	1.3%
	2019	2,399,054	1.8%	2,313,199	-0.3%	-3.6%	364.8	-18.2%	422.8	0.0%	15.9%	470.0	1.1%	464.1	-1.4%	-1.2%
	2020	2,378,062	-0.9%	2,311,770	-0.1%	-2.8%	355.3	-2.6%	406.7	-3.8%	14.5%	475.6	1.2%	478.2	3.0%	0.5%
	2021	2,391,498	0.6%	2,383,569	3.1%	-0.3%	384.1	8.1%	412.3	1.4%	7.3%	469.9	-1.2%	475.6	-0.5%	1.2%
	2022	2,402,402	0.5%	2,407,544	1.0%	0.2%	398.8	3.8%	405.9	-1.6%	1.8%	465.4	-1.0%	472.3	-0.7%	1.5%
Projected	2023	2,403,768	0.1%	2,403,768	-0.2%		389.0	-2.5%	389.0	-4.2%		464.4	-0.2%	464.4	-1.7%	
	2024			2,413,902	0.4%				389.5	0.1%				467.1	0.6%	
	2025			2,425,543	0.5%				394.0	1.2%				470.0	0.6%	
	2026			2,440,838	0.6%				397.2	0.8%				473.0	0.6%	
	2027			2,455,511	0.6%				400.3	0.8%				475.8	0.6%	
	2028			2,473,530	0.7%				402.1	0.4%				478.5	0.6%	
	2029			2,483,010	0.4%				405.8	0.9%				481.1	0.6%	
	2030			2,497,848	0.6%				408.5	0.7%				484.2	0.6%	
	2031			2,513,184	0.6%				411.4	0.7%				487.2	0.6%	
	2032			2,533,461	0.8%				413.4	0.5%				490.3	0.6%	
	2033			2,546,958	0.5%				418.0	1.1%				493.7	0.7%	
	2034			2,565,272	0.7%				421.2	0.8%				497.3	0.7%	
	2035			2,585,251	0.8%				424.3	0.7%				501.3	0.8%	
	2036			2,539,838	-1.8%				412.4	-2.8%				490.3	-2.2%	
	2037			2,554,335	0.6%				416.1	0.9%				494.0	0.7%	
	2038			2,400,349	-6.0%				378.6	-9.0%				461.1	-6.6%	
	2039			2,414,281	0.6%				380.5	0.5%				464.0	0.6%	
	2040			2,432,502	0.8%				381.8	0.3%				466.7	0.6%	
	2041			2,442,360	0.4%				384.7	0.8%				469.5	0.6%	
	2042			2,456,689	0.6%				386.9	0.6%				472.3	0.6%	
CAGR ^[3]	2013-2022		-1.3%		-1.4%			-0.7%		-0.3%			-1.3%		-1.3%	
	2023-2032				0.6%					0.7%					0.6%	
	2033-2042				-0.4%					-0.9%					-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 2023 Load Forecast - Base Case
FP&L Cities - Supplied
2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	2,693,753	-	2,693,753	-	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	492.0	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	423.9	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	429.8	492.9	364.8	470.0	364.8	470.0
	2020	2,378,062	-0.9%	2,378,062	-0.9%	414.8	490.7	431.3	490.7	355.3	475.6	374.7	475.6
	2021	2,391,498	0.6%	2,391,498	0.6%	450.1	489.0	450.1	489.0	384.1	469.9	384.1	469.9
	2022	2,402,402	0.5%	2,399,203	0.3%	439.9	497.3	453.5	491.8	398.8	465.4	394.5	469.9
Projected	2023	2,403,768	0.1%	2,413,840	0.6%	449.1	488.8	457.5	494.3	389.0	464.4	397.9	472.3
	2024	2,413,902	0.4%	2,432,964	0.8%	449.5	491.6	459.0	497.4	389.5	467.1	399.2	475.3
	2025	2,425,543	0.5%	2,446,959	0.6%	454.6	494.6	464.0	501.3	394.0	470.0	403.4	478.9
	2026	2,440,838	0.6%	2,466,372	0.8%	458.1	497.9	468.1	505.2	397.2	473.0	407.2	482.7
	2027	2,455,511	0.6%	2,484,290	0.7%	461.5	500.8	472.2	508.8	400.3	475.8	410.9	486.1
	2028	2,473,530	0.7%	2,505,401	0.8%	463.2	503.6	474.7	512.2	402.1	478.5	413.4	489.4
	2029	2,483,010	0.4%	2,516,509	0.4%	467.5	506.4	479.7	515.3	405.8	481.1	417.7	492.3
	2030	2,497,848	0.6%	2,474,593	-1.7%	470.5	509.7	469.5	506.5	408.5	484.2	407.9	483.8
	2031	2,513,184	0.6%	2,484,826	0.4%	473.7	512.9	471.9	508.6	411.4	487.2	410.0	485.8
	2032	2,533,461	0.8%	2,500,362	0.6%	475.8	516.2	473.1	510.8	413.4	490.3	411.2	487.9
	2033	2,546,958	0.5%	2,506,299	0.2%	481.0	519.9	476.8	512.9	418.0	493.7	414.2	489.9
	2034	2,565,272	0.7%	2,516,364	0.4%	484.5	523.7	479.2	514.9	421.2	497.3	416.4	491.8
	2035	2,585,251	0.8%	2,526,271	0.4%	488.0	528.0	481.4	516.9	424.3	501.3	418.4	493.7
	2036	2,539,838	-1.8%	2,469,401	-2.3%	475.7	517.3	467.9	503.5	412.4	490.3	405.3	480.6
	2037	2,554,335	0.6%	2,473,163	0.2%	480.1	521.2	471.2	505.0	416.1	494.0	408.1	482.0
	2038	2,400,349	-6.0%	2,386,028	-3.5%	442.1	487.5	449.4	485.1	378.6	461.1	386.0	462.8
	2039	2,414,281	0.6%	2,393,656	0.3%	444.3	490.4	451.3	486.7	380.5	464.0	387.7	464.4
	2040	2,432,502	0.8%	2,406,321	0.5%	445.5	493.4	452.2	488.4	381.8	466.7	388.6	466.0
	2041	2,442,360	0.4%	2,411,034	0.2%	449.2	496.3	455.8	490.1	384.7	469.5	391.6	467.6
	2042	2,456,689	0.6%			451.6	499.3			386.9	472.3		
CAGR ^[1]	Historical		-1.3%		-1.5%	-1.2%	-0.9%	-1.1%	-1.3%	0.5%	0.4%	-0.9%	0.5%
	1st 10 Prj Yrs		0.6%		0.4%	0.6%	0.6%	0.4%	0.4%	0.7%	0.6%	0.4%	0.4%
	2nd 10 Prj Yrs		-0.4%		-0.4%	-0.7%	-0.4%	-0.4%	-0.5%	-0.9%	-0.5%	-0.5%	-0.5%

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)

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	212,589	174,473	171,291	2,390,871	2,378,062
	2021	168,246	162,248	177,375	179,513	211,691	224,123	242,255	248,130	219,564	207,572	158,759	171,583	2,371,059	2,391,498
	2022	177,137	156,732	180,901	183,929	219,889	231,649	249,865	248,823	215,564	211,747	164,133	173,531	2,413,900	2,402,402
Projected	2023	182,542	160,957	177,659	180,529	210,065	228,018	242,102	246,998	225,486	208,069	165,058	173,857	2,401,341	2,403,768
	2024	183,062	165,652	178,258	181,136	211,018	229,185	243,410	248,395	226,802	209,425	166,234	175,203	2,417,779	2,413,902
	2025	184,503	162,799	179,467	182,277	212,266	230,485	244,847	249,845	228,193	210,735	167,253	176,395	2,429,063	2,425,543
	2026	185,810	163,909	180,565	183,359	213,552	231,884	246,360	251,400	229,617	212,024	168,242	177,573	2,444,295	2,440,838
	2027	187,117	165,016	181,642	184,406	214,797	233,208	247,780	252,825	230,880	213,256	169,184	178,688	2,458,801	2,455,511
	2028	188,347	170,246	182,636	185,382	215,953	234,436	249,110	254,190	232,102	214,397	170,080	179,780	2,476,658	2,473,530
	2029	189,556	167,090	183,624	186,364	217,118	235,665	250,444	255,563	233,329	215,535	170,971	180,891	2,486,150	2,483,010
	2030	190,805	168,177	184,674	187,426	218,406	237,045	251,971	257,162	234,784	216,761	171,930	182,117	2,501,259	2,497,848
	2031	192,154	169,337	185,784	188,535	219,742	238,438	253,482	258,723	236,180	218,083	172,943	183,413	2,516,815	2,513,184
	2032	193,575	174,890	186,938	189,684	221,124	239,867	255,030	260,315	237,598	219,562	174,097	184,876	2,537,557	2,533,461
Projected	2033	195,165	171,921	188,236	190,970	222,676	241,465	256,742	262,075	239,173	221,111	175,315	186,342	2,551,191	2,546,958
	2034	196,756	173,278	189,603	192,319	224,271	243,114	258,507	263,876	240,782	222,770	176,642	187,874	2,569,790	2,565,272
	2035	198,416	174,702	191,109	193,808	226,024	244,945	260,472	265,890	242,601	218,832	173,116	184,179	2,574,093	2,585,251
	2036	194,430	175,860	187,560	190,314	221,783	240,168	255,196	260,565	237,836	220,475	174,438	185,695	2,544,319	2,539,838
	2037	196,027	172,794	189,038	191,765	223,461	241,863	256,977	262,362	239,439	208,209	163,693	174,201	2,519,830	2,554,335
	2038	182,897	161,623	177,954	181,031	210,884	227,443	241,360	246,441	224,613	209,334	164,577	175,300	2,403,458	2,400,349
	2039	184,060	162,628	179,017	182,098	212,150	228,709	242,712	247,834	225,861	210,482	165,469	176,425	2,417,445	2,414,281
	2040	185,257	167,968	180,069	183,149	213,399	229,960	244,405	249,202	227,076	211,680	166,393	177,574	2,435,773	2,432,502
	2041	186,481	164,704	181,144	184,217	214,667	231,229	245,392	250,582	228,299	212,886	167,324	178,720	2,445,644	2,442,360
	2042	187,698	165,751	182,229	185,300	215,950	232,519	246,766	251,991	229,553	214,091	168,254	179,876	2,459,979	2,456,689

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	6.9%	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	7.1%	6.7%	7.6%	7.4%	8.2%	9.4%	10.3%	10.4%	9.5%	8.9%	7.3%	7.2%	100.0%
	2021	7.1%	6.8%	7.5%	7.6%	8.9%	9.5%	10.2%	10.5%	9.3%	8.8%	6.7%	7.2%	100.0%
	2022	7.3%	6.5%	7.5%	7.6%	9.1%	9.6%	10.4%	10.3%	8.9%	8.8%	6.8%	7.2%	100.0%
Projected	2023	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.2%	100.0%
	2024	7.6%	6.9%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.2%	100.0%
	2025	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2026	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2027	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2028	7.6%	6.9%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2029	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2030	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2031	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2032	7.6%	6.9%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
Avg.	2013-2022	7.4%	6.7%	7.3%	7.6%	8.8%	9.5%	10.3%	10.3%	9.2%	8.7%	7.1%	7.2%	100.0%
	2023-2032	7.6%	6.8%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	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 2023 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	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	424.8	377.6	384.4	414.8	490.7
	2021	380.7	450.1	385.0	405.4	451.5	471.7	489.0	483.8	450.9	432.8	343.1	343.4	450.1	489.0
	2022	439.9	386.1	389.7	397.3	443.4	497.3	490.7	477.8	471.2	433.5	375.1	380.5	439.9	497.3
Projected	2023	449.1	411.4	374.8	398.4	440.7	474.2	488.8	484.2	465.4	422.5	375.0	380.6	449.1	488.8
	2024	449.5	411.6	376.7	400.8	443.4	476.9	491.6	487.0	468.0	425.0	377.8	384.9	449.5	491.6
	2025	454.6	416.3	379.5	403.3	446.3	479.8	494.6	490.1	470.9	427.8	380.3	387.7	454.6	494.6
	2026	458.1	419.4	382.4	406.0	449.3	482.9	497.9	493.2	473.9	430.7	383.1	390.5	458.1	497.9
	2027	461.5	422.5	385.3	408.5	452.2	485.8	500.8	496.2	476.7	433.5	385.4	391.8	461.5	500.8
	2028	463.2	423.9	387.8	411.0	455.0	488.5	503.6	499.0	479.4	436.3	388.4	395.5	463.2	503.6
	2029	467.5	427.9	391.0	413.6	457.9	491.2	506.4	501.8	482.0	439.1	391.3	398.0	467.5	506.4
	2030	470.5	430.7	394.0	416.6	461.2	494.4	509.7	505.1	485.2	442.3	394.4	400.7	470.5	509.7
	2031	473.7	433.6	397.3	419.6	464.5	497.5	512.9	508.3	488.2	445.5	397.5	402.3	473.7	512.9
	2032	475.8	435.3	400.3	422.7	467.9	500.7	516.2	511.6	491.4	448.9	401.6	406.7	475.8	516.2
Projected	2033	481.0	440.2	404.6	426.2	471.8	504.3	519.9	515.3	494.9	452.9	405.3	409.7	481.0	519.9
	2034	484.5	443.4	408.3	429.7	475.6	508.0	523.7	519.1	498.5	456.8	409.0	412.6	484.5	523.7
	2035	488.0	446.6	412.1	433.5	479.7	512.2	528.0	523.3	502.6	448.4	402.2	402.8	488.0	528.0
	2036	475.7	435.5	404.7	425.5	470.1	501.7	517.3	512.2	492.4	452.3	406.2	406.7	475.7	517.3
	2037	480.1	439.7	408.8	429.0	473.9	505.5	521.2	516.1	496.2	424.6	383.0	377.0	480.1	521.2
	2038	442.1	406.0	382.9	402.9	443.2	472.6	487.5	481.6	464.1	427.4	385.9	378.9	442.1	487.5
	2039	444.3	408.0	385.9	405.7	446.2	475.5	490.4	484.5	467.0	430.1	388.6	379.8	444.3	490.4
	2040	445.5	409.1	388.6	408.5	449.2	478.3	493.4	487.4	469.8	433.1	391.8	383.1	445.5	493.4
	2041	449.2	412.5	391.8	411.3	452.2	481.2	496.3	490.3	472.6	436.0	394.8	385.1	449.2	496.3
	2042	451.6	414.7	394.8	414.1	455.2	484.1	499.3	493.3	475.5	438.9	397.8	387.3	451.6	499.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	67.2%	68.6%	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%	67.3%	64.2%	59.9%	65.8%	55.3%
	2021	59.4%	53.6%	61.9%	61.5%	63.0%	66.0%	66.6%	68.9%	67.6%	64.5%	64.3%	67.2%	60.1%	55.8%
	2022	54.1%	60.4%	62.4%	64.3%	66.7%	64.7%	68.4%	70.0%	63.5%	65.7%	60.8%	61.3%	62.6%	55.2%
Projected	2023	54.6%	58.2%	63.7%	62.9%	64.1%	66.8%	66.6%	68.6%	67.3%	66.2%	61.1%	61.4%	61.0%	56.1%
	2024	54.7%	57.8%	63.6%	62.8%	64.0%	66.7%	66.6%	68.5%	67.3%	66.2%	61.1%	61.2%	61.4%	56.1%
	2025	54.6%	58.2%	63.6%	62.8%	63.9%	66.7%	66.5%	68.5%	67.3%	66.2%	61.1%	61.1%	61.0%	56.0%
	2026	54.5%	58.2%	63.5%	62.7%	63.9%	66.7%	66.5%	68.5%	67.3%	66.2%	61.0%	61.1%	60.9%	56.0%
	2027	54.5%	58.1%	63.4%	62.7%	63.8%	66.7%	66.5%	68.5%	67.3%	66.1%	61.0%	61.3%	60.8%	56.0%
	2028	54.6%	57.7%	63.3%	62.6%	63.8%	66.7%	66.5%	68.5%	67.3%	66.1%	60.8%	61.1%	61.0%	56.1%
	2029	54.5%	58.1%	63.1%	62.6%	63.7%	66.6%	66.5%	68.5%	67.2%	66.0%	60.7%	61.1%	60.7%	56.0%
	2030	54.5%	58.1%	63.0%	62.5%	63.7%	66.6%	66.4%	68.4%	67.2%	65.9%	60.5%	61.1%	60.7%	55.9%
	2031	54.5%	58.1%	62.9%	62.4%	63.6%	66.6%	66.4%	68.4%	67.2%	65.8%	60.4%	61.3%	60.6%	55.9%
	2032	54.7%	57.7%	62.8%	62.3%	63.5%	66.5%	66.4%	68.4%	67.2%	65.7%	60.2%	61.1%	60.9%	56.0%
Avg-	2013-2022	57.0%	59.0%	61.4%	63.4%	64.9%	66.3%	68.1%	68.9%	65.6%	65.2%	62.2%	62.8%	62.1%	56.1%
	2023-2032	54.6%	58.0%	63.3%	62.6%	63.8%	66.7%	66.5%	68.5%	67.3%	66.0%	60.8%	61.2%	60.9%	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 2023 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	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	411.1	346.2	338.0	355.3	475.6
	2021	334.0	384.1	361.8	391.6	446.1	453.5	461.4	469.9	415.3	417.6	304.9	330.7	384.1	469.9
	2022	398.8	312.5	338.4	377.2	418.4	465.4	472.2	465.8	464.2	414.8	342.2	335.3	398.8	465.4
Projected	2023	389.0	364.7	338.6	379.1	424.0	453.8	464.7	464.4	445.5	404.5	342.2	335.4	389.0	464.4
	2024	389.5	365.0	340.3	381.3	426.6	456.5	467.4	467.1	448.1	406.9	344.7	339.2	389.5	467.1
	2025	394.0	369.1	342.8	383.7	429.4	459.2	470.3	470.0	450.8	409.5	347.0	341.8	394.0	470.0
	2026	397.2	372.0	345.4	386.2	432.3	462.2	473.3	473.0	453.6	412.3	349.5	344.3	397.2	473.0
	2027	400.3	374.8	347.9	388.6	435.1	464.9	476.1	475.8	456.2	414.9	351.6	345.5	400.3	475.8
	2028	402.1	376.2	350.1	391.0	437.8	467.4	478.7	478.5	458.8	417.5	354.3	348.7	402.1	478.5
	2029	405.8	379.7	353.0	393.4	440.5	470.0	481.4	481.1	461.3	420.2	356.9	350.9	405.8	481.1
	2030	408.5	382.1	355.7	396.3	443.7	473.0	484.4	484.2	464.2	423.2	359.7	353.3	408.5	484.2
	2031	411.4	384.7	358.6	399.1	446.8	475.9	487.4	487.2	467.0	426.2	362.4	354.8	411.4	487.2
	2032	413.4	386.4	361.3	402.0	450.1	478.9	490.5	490.3	470.0	429.4	366.1	358.7	413.4	490.3
Projected	2033	418.0	390.6	365.1	405.2	453.7	482.3	493.9	493.7	473.2	433.1	369.4	361.3	418.0	493.7
	2034	421.2	393.5	368.4	408.4	457.3	485.8	497.4	497.3	476.6	436.8	372.8	363.9	421.2	497.3
	2035	424.3	396.3	371.7	412.0	461.3	489.7	501.4	501.3	480.5	428.6	366.4	355.0	424.3	501.3
	2036	412.4	385.8	364.6	404.2	451.6	479.4	490.9	490.3	470.9	432.3	370.0	358.3	412.4	490.3
	2037	416.1	389.3	368.2	407.5	455.2	483.0	494.5	494.0	474.4	406.3	349.9	331.8	416.1	494.0
	2038	378.6	358.5	345.7	382.8	425.4	451.5	462.8	461.1	444.4	409.0	352.5	333.5	378.6	461.1
	2039	380.5	360.3	348.3	385.4	428.3	454.2	465.6	464.0	447.1	411.6	355.0	334.4	380.5	464.0
	2040	381.8	361.4	350.8	388.1	431.2	456.9	468.3	466.7	449.8	414.4	357.9	337.2	381.8	466.7
	2041	384.7	364.3	353.7	390.7	434.1	459.6	471.1	469.5	452.4	417.2	360.6	339.0	384.7	469.5
	2042	386.9	366.3	356.4	393.4	437.0	462.4	473.9	472.3	455.2	420.0	363.4	340.9	386.9	472.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	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%	96.8%	91.7%	87.9%	85.7%	96.9%
	2021	87.7%	85.3%	94.0%	96.6%	98.8%	96.2%	94.4%	97.1%	92.1%	96.5%	88.9%	96.3%	85.3%	96.1%
	2022	90.7%	80.9%	86.9%	94.9%	94.4%	93.6%	96.2%	97.5%	98.5%	95.7%	91.2%	88.1%	90.7%	93.6%
Projected	2023	86.6%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.8%	91.2%	88.1%	86.6%	95.0%
	2024	86.7%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.1%	86.7%	95.0%
	2025	86.7%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.1%	86.7%	95.0%
	2026	86.7%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.2%	86.7%	95.0%
	2027	86.7%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.2%	86.7%	95.0%
	2028	86.8%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.2%	86.8%	95.0%
	2029	86.8%	88.7%	90.3%	95.1%	96.2%	95.7%	95.0%	95.9%	95.7%	95.7%	91.2%	88.2%	86.8%	95.0%
	2030	86.8%	88.7%	90.3%	95.1%	96.2%	95.7%	95.0%	95.9%	95.7%	95.7%	91.2%	88.2%	86.8%	95.0%
	2031	86.8%	88.7%	90.3%	95.1%	96.2%	95.7%	95.0%	95.9%	95.7%	95.7%	91.2%	88.2%	86.8%	95.0%
	2032	86.9%	88.8%	90.3%	95.1%	96.2%	95.7%	95.0%	95.8%	95.6%	95.7%	91.2%	88.2%	86.9%	95.0%
2013-2022		85.5%	89.0%	90.2%	95.1%	96.1%	95.6%	95.0%	95.8%	95.5%	95.4%	91.9%	89.0%	88.8%	95.7%
2023-2032		86.8%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.2%	86.8%	95.0%

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)

Appendix C
DUKE ENERGY FLORIDA CITIES

FMPA 2023 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	2013	1,827,744	-	1,856,018	-	1.5%	342.2	-	346.7	-	1.3%	391.2	-	400.7	-	2.4%
	2014	1,853,952	1.4%	1,872,557	0.9%	1.0%	371.1	8.5%	386.8	11.5%	4.2%	406.2	3.8%	407.2	1.6%	0.3%
	2015	1,902,497	2.6%	1,880,629	0.4%	-1.1%	407.6	9.8%	389.2	0.6%	-4.5%	419.6	3.3%	425.2	4.4%	1.3%
	2016	1,959,340	3.0%	1,924,443	2.3%	-1.8%	343.2	-15.8%	383.2	-1.5%	11.7%	429.1	2.3%	419.4	-1.4%	-2.3%
	2017	1,906,152	-2.7%	1,938,525	0.7%	1.7%	308.4	-10.1%	349.5	-8.8%	13.3%	423.7	-1.2%	441.3	5.2%	4.1%
	2018	1,961,543	2.9%	1,928,697	-0.5%	-1.7%	442.1	43.4%	429.0	22.8%	-2.9%	424.2	0.1%	420.9	-4.6%	-0.8%
	2019	2,001,879	2.1%	1,950,586	1.1%	-2.6%	324.2	-26.7%	409.2	-4.6%	26.2%	449.9	6.1%	442.1	5.0%	-1.7%
	2020	2,022,399	1.0%	2,020,357	3.6%	-0.1%	365.5	12.7%	405.8	-0.8%	11.0%	445.3	-1.0%	441.5	-0.1%	-0.8%
	2021	2,043,324	1.0%	2,024,983	0.2%	-0.9%	399.1	9.2%	419.4	3.4%	5.1%	446.4	0.2%	458.5	3.8%	2.7%
	2022	2,075,602	1.6%	2,064,480	2.0%	-0.5%	416.6	4.4%	401.5	-4.3%	-3.6%	468.6	5.0%	447.2	-2.5%	-4.6%
Projected	2023	2,084,289	0.4%	2,084,289	1.0%		415.3	-0.3%	415.3	3.4%		455.8	-2.7%	455.8	1.9%	
	2024			2,097,135	0.6%				419.9	1.1%				456.8	0.2%	
	2025			2,096,005	-0.1%				419.2	-0.2%				458.6	0.4%	
	2026			2,105,216	0.4%				421.5	0.5%				460.6	0.5%	
	2027			2,116,669	0.5%				424.2	0.6%				463.2	0.6%	
	2028			2,137,392	1.0%				429.5	1.3%				466.0	0.6%	
	2029			2,142,772	0.3%				430.6	0.3%				468.8	0.6%	
	2030			2,156,043	0.6%				434.0	0.8%				471.7	0.6%	
	2031			2,169,424	0.6%				437.7	0.8%				474.4	0.6%	
	2032			2,188,925	0.9%				443.3	1.3%				476.7	0.5%	
	2033			2,191,160	0.1%				444.2	0.2%				478.7	0.4%	
	2034			2,203,925	0.6%				447.3	0.7%				481.3	0.5%	
	2035			2,218,037	0.6%				450.1	0.6%				484.3	0.6%	
	2036			2,241,982	1.1%				455.4	1.2%				487.7	0.7%	
	2037			2,248,991	0.3%				455.9	0.1%				490.9	0.7%	
	2038			2,263,793	0.7%				458.6	0.6%				494.1	0.7%	
	2039			2,277,337	0.6%				461.5	0.6%				497.0	0.6%	
	2040			2,297,753	0.9%				466.9	1.2%				499.5	0.5%	
	2041			2,300,431	0.1%				467.2	0.1%				501.8	0.5%	
	2042			2,265,387	-1.5%				458.6	-1.8%				494.7	-1.4%	
CAGR^[3]	2013-2022		1.4%		1.2%			2.2%		1.6%			2.0%		1.2%	
	2023-2032				0.5%					0.7%					0.5%	
	2033-2042				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 2023 Load Forecast - Base Case
Duke Energy Florida Cities - Supplied
2023 v. 2022 (Base Case) Forecast Results Comparison (Net of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)
Historical	2013	1,827,744	-	1,827,744	-	346.7	402.4	346.5	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	1,902,497	2.6%	1,902,497	2.6%	408.2	423.0	408.2	423.0	407.6	419.6	407.6	419.6
	2016	1,959,340	3.0%	1,959,340	3.0%	379.5	435.7	379.5	435.7	343.2	429.1	376.2	429.1
	2017	1,906,152	-2.7%	1,906,152	-2.7%	345.1	429.8	345.1	429.8	308.4	423.7	341.0	423.7
	2018	1,961,543	2.9%	1,960,441	2.8%	448.0	426.6	446.6	426.6	442.1	424.2	440.7	424.2
	2019	2,001,879	2.1%	2,001,879	2.1%	366.3	450.2	400.4	450.2	324.2	449.9	349.1	449.9
	2020	2,022,399	1.0%	2,022,399	1.0%	380.9	453.3	391.4	453.3	365.5	445.3	380.9	445.3
	2021	2,043,324	1.0%	2,043,324	1.0%	399.1	450.2	399.1	450.2	399.1	446.4	399.1	446.4
	2022	2,075,602	1.6%	2,069,890	1.3%	434.0	470.9	425.1	458.4	416.6	468.6	421.1	451.8
Projected	2023	2,084,289	0.4%	2,087,195	0.8%	420.7	461.8	429.0	461.7	415.3	455.8	425.0	455.0
	2024	2,097,135	0.6%	2,113,047	1.2%	425.3	462.9	435.2	465.7	419.9	456.8	431.1	459.0
	2025	2,096,005	-0.1%	2,122,566	0.5%	424.7	464.6	437.2	469.3	419.2	458.6	433.1	462.5
	2026	2,105,216	0.4%	2,137,164	0.7%	427.0	466.7	440.7	472.4	421.5	460.6	436.6	465.5
	2027	2,116,669	0.5%	2,151,566	0.7%	429.7	469.4	444.2	475.6	424.2	463.2	440.0	468.6
	2028	2,137,392	1.0%	2,164,868	0.6%	435.1	472.2	447.9	476.8	429.5	466.0	443.7	469.9
	2029	2,142,772	0.3%	2,170,561	0.3%	436.3	475.0	449.0	479.6	430.6	468.8	444.9	472.7
	2030	2,156,043	0.6%	2,184,152	0.6%	439.6	478.0	452.3	482.7	434.0	471.7	448.2	475.7
	2031	2,169,424	0.6%	2,198,316	0.6%	443.4	480.8	456.0	485.7	437.7	474.4	451.8	478.6
	2032	2,188,925	0.9%	2,219,389	1.0%	449.1	483.1	461.8	488.4	443.3	476.7	457.5	481.3
	2033	2,191,160	0.1%	2,223,748	0.2%	450.0	485.3	462.7	491.1	444.2	478.7	458.5	483.9
	2034	2,203,925	0.6%	2,235,489	0.5%	453.1	487.9	466.0	493.5	447.3	481.3	461.7	486.2
	2035	2,218,037	0.6%	2,246,225	0.5%	456.0	491.1	468.9	495.8	450.1	484.3	464.6	488.5
	2036	2,241,982	1.1%	2,265,413	0.9%	461.4	494.5	474.4	498.1	455.4	487.7	470.0	490.8
	2037	2,248,991	0.3%	2,266,703	0.1%	461.9	497.7	474.9	500.1	455.9	490.9	470.6	492.7
	2038	2,263,793	0.7%	2,276,168	0.4%	464.6	501.1	477.8	502.2	458.6	494.1	473.3	494.8
	2039	2,277,337	0.6%	2,286,267	0.4%	467.6	504.1	480.9	504.3	461.5	497.0	476.4	496.9
	2040	2,297,753	0.9%	2,305,294	0.8%	473.0	506.6	486.4	506.6	466.9	499.5	482.0	499.1
	2041	2,300,431	0.1%	2,311,327	0.3%	473.4	509.0	490.9	508.7	467.2	501.8	486.4	501.2
	2042	2,265,387	-1.5%			464.8	501.2			458.6	494.7		
CAGR ^[1]	Historical		1.4%		1.4%	2.5%	1.8%	1.8%	1.4%	1.5%	1.8%	1.0%	1.4%
	1st 10 Prj Yrs		0.5%		0.7%	0.7%	0.5%	0.8%	0.6%	0.7%	0.5%	0.8%	0.6%
	2nd 10 Prj Yrs		0.4%		0.5%	0.4%	0.4%	0.7%	0.5%	0.4%	0.4%	0.7%	0.5%

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)

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	140,708	121,154	139,794	150,435	177,246	177,339	195,874	204,966	175,032	165,562	130,336	143,069	1,921,515	1,906,152
	2018	173,503	128,997	136,210	138,814	165,178	187,216	190,961	204,433	197,264	173,536	140,929	143,251	1,980,292	1,961,543
	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	178,968	142,592	155,497	2,043,140	2,022,399
	2021	153,378	134,581	148,575	148,124	181,269	191,356	204,336	213,556	191,092	175,611	138,040	144,005	2,023,922	2,043,324
	2022	162,545	139,809	148,035	154,309	188,969	208,668	214,881	215,423	185,308	175,084	142,808	153,997	2,089,835	2,075,602
Projected	2023	164,015	142,073	152,261	153,368	183,267	199,482	209,030	215,680	193,224	173,808	143,894	154,932	2,085,033	2,084,289
	2024	164,688	150,415	152,668	153,755	183,856	199,617	209,705	216,270	193,528	174,374	144,206	155,336	2,098,417	2,097,135
	2025	165,229	143,278	152,933	154,167	184,347	200,149	210,480	217,135	194,371	175,161	144,756	156,061	2,098,068	2,096,005
	2026	166,073	143,972	153,512	154,789	185,134	201,007	211,435	218,111	195,204	175,957	145,399	156,944	2,107,538	2,105,216
	2027	167,046	144,832	154,318	155,641	186,221	202,117	212,607	219,325	196,263	176,961	146,208	158,026	2,119,565	2,116,669
	2028	168,190	153,586	155,225	156,579	187,392	203,307	213,866	220,639	197,411	178,036	147,065	159,181	2,140,477	2,137,392
	2029	169,396	146,861	156,146	157,523	188,569	204,477	215,092	221,914	198,511	179,053	147,864	160,311	2,145,718	2,142,772
	2030	170,591	147,901	157,049	158,461	189,766	205,683	216,384	223,279	199,701	180,166	148,732	161,567	2,159,281	2,156,043
	2031	171,916	149,022	157,974	159,396	190,945	206,836	217,593	224,528	200,749	181,142	149,460	162,687	2,172,248	2,169,424
	2032	173,099	158,042	158,747	160,179	191,956	207,799	218,608	225,584	201,623	181,973	150,068	163,722	2,191,400	2,188,925
Projected	2033	174,194	150,948	159,418	160,864	192,866	208,646	219,514	226,538	202,408	183,068	150,937	164,900	2,194,301	2,191,160
	2034	175,425	151,986	160,337	161,778	193,994	209,740	220,656	227,709	203,395	184,214	151,869	166,062	2,207,165	2,203,925
	2035	176,641	153,029	161,366	162,810	195,258	211,017	222,013	229,122	204,636	185,515	152,954	167,370	2,221,731	2,218,037
	2036	178,003	162,475	162,542	163,974	196,650	212,422	223,488	230,635	205,954	186,814	154,030	168,651	2,245,637	2,241,982
	2037	179,334	155,311	163,699	165,114	198,010	213,787	224,917	232,098	207,227	187,985	154,996	169,849	2,252,327	2,248,991
	2038	180,591	156,388	164,792	166,206	199,341	215,136	226,358	233,600	208,551	189,071	155,873	171,040	2,266,947	2,263,793
	2039	181,852	157,454	165,773	167,177	200,543	216,332	227,629	234,915	209,679	190,046	156,630	172,133	2,280,162	2,277,337
	2040	183,012	167,003	166,609	168,004	201,585	217,351	228,714	236,039	210,627	190,976	157,349	173,184	2,300,454	2,297,753
	2041	184,126	159,366	167,402	168,786	202,574	218,312	229,738	237,100	211,518	187,968	154,792	170,598	2,292,280	2,300,431
	2042	181,444	157,105	164,822	166,060	199,385	215,110	226,377	233,589	208,137	188,906	155,520	171,644	2,268,098	2,265,387

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	6.7%	7.7%	7.3%	8.4%	9.5%	10.1%	10.2%	9.3%	8.8%	7.0%	7.6%	100.0%
	2021	7.6%	6.6%	7.3%	7.3%	9.0%	9.5%	10.1%	10.6%	9.4%	8.7%	6.8%	7.1%	100.0%
	2022	7.8%	6.7%	7.1%	7.4%	9.0%	10.0%	10.3%	10.3%	8.9%	8.4%	6.8%	7.4%	100.0%
Projected	2023	7.9%	6.8%	7.3%	7.4%	8.8%	9.6%	10.0%	10.3%	9.3%	8.3%	6.9%	7.4%	100.0%
	2024	7.8%	7.2%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.4%	100.0%
	2025	7.9%	6.8%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.3%	8.3%	6.9%	7.4%	100.0%
	2026	7.9%	6.8%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.3%	8.3%	6.9%	7.4%	100.0%
	2027	7.9%	6.8%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.3%	8.3%	6.9%	7.5%	100.0%
	2028	7.9%	7.2%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.4%	100.0%
	2029	7.9%	6.8%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.3%	8.3%	6.9%	7.5%	100.0%
	2030	7.9%	6.8%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.5%	100.0%
	2031	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.5%	100.0%
	2032	7.9%	7.2%	7.2%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.5%	100.0%
Avg.	2013-2022	7.8%	6.7%	7.2%	7.5%	8.8%	9.6%	10.0%	10.3%	9.3%	8.5%	7.0%	7.3%	100.0%
	2023-2032	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	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).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2023 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	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	345.1	284.4	313.0	380.9	398.2	409.9	419.4	429.8	401.5	390.7	285.3	347.4	345.1	429.8
	2018	448.0	309.7	286.4	300.4	368.6	413.9	412.1	426.6	424.1	400.4	331.8	343.4	448.0	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	390.2	319.1	359.0	380.9	453.3
	2021	362.4	399.1	342.6	357.3	421.0	425.6	438.8	450.2	410.2	399.0	288.3	274.1	399.1	450.2
	2022	434.0	358.9	335.7	357.3	413.9	470.9	448.6	461.0	446.8	400.4	342.2	316.7	434.0	470.9
Projected	2023	420.7	376.5	333.3	363.7	419.2	451.2	441.8	461.8	433.1	394.3	346.0	320.2	420.7	461.8
	2024	425.3	380.6	337.0	364.7	420.3	452.2	442.8	462.9	434.1	395.3	345.4	319.7	425.3	462.9
	2025	424.7	380.0	336.6	366.2	422.2	453.9	444.4	464.6	435.7	397.0	347.4	321.4	424.7	464.6
	2026	427.0	382.1	338.5	368.1	424.3	455.9	446.4	466.7	437.6	399.1	349.7	323.5	427.0	466.7
	2027	429.7	384.6	340.8	370.5	427.1	458.5	448.9	469.4	440.0	401.7	354.5	327.6	429.7	469.4
	2028	435.1	389.4	345.3	373.1	430.1	461.3	451.6	472.2	442.7	404.5	355.6	328.5	435.1	472.2
	2029	436.3	390.5	346.5	375.7	433.1	464.0	454.3	475.0	445.3	407.3	358.7	331.1	436.3	475.0
	2030	439.6	393.5	349.6	378.5	436.4	466.9	457.1	478.0	448.0	410.4	362.1	333.9	439.6	478.0
	2031	443.4	396.9	352.9	381.2	439.6	469.6	459.7	480.8	450.5	413.3	367.3	338.3	443.4	480.8
	2032	449.1	402.0	357.9	383.6	442.4	471.8	461.9	483.1	452.7	416.0	368.5	339.0	449.1	483.1
Projected	2033	450.0	402.8	359.1	386.0	445.2	473.9	463.9	485.3	454.6	419.0	371.6	341.4	450.0	485.3
	2034	453.1	405.7	362.2	388.5	448.1	476.5	466.4	487.9	457.1	422.0	374.6	343.6	453.1	487.9
	2035	456.0	408.2	365.1	391.4	451.3	479.5	469.4	491.1	460.0	425.3	379.9	347.8	456.0	491.1
	2036	461.4	413.2	370.2	394.4	454.7	482.9	472.7	494.5	463.2	428.6	381.0	348.2	461.4	494.5
	2037	461.9	413.6	371.4	397.4	458.0	486.1	475.8	497.7	466.4	431.7	384.1	350.4	461.9	497.7
	2038	464.6	416.1	374.4	400.4	461.4	489.4	479.1	501.1	469.5	434.7	387.3	352.7	464.6	501.1
	2039	467.6	418.8	377.5	403.3	464.6	492.3	481.9	504.1	472.3	437.5	392.5	356.8	467.6	504.1
	2040	473.0	423.7	382.4	405.8	467.4	494.7	484.3	506.6	474.6	440.2	393.3	357.2	473.0	506.6
	2041	473.4	424.0	383.4	408.2	470.2	497.1	486.6	509.0	476.9	433.5	388.2	350.7	473.4	509.0
	2042	464.8	417.0	377.8	401.9	463.3	489.5	479.2	501.2	469.5	436.3	391.2	352.8	464.8	501.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	54.9%	59.8%	60.1%	62.8%	64.1%	60.5%	56.9%	63.4%	55.4%	63.6%	50.6%
	2018	52.1%	62.0%	63.9%	64.2%	60.2%	62.8%	62.3%	64.4%	64.6%	58.3%	59.0%	56.1%	50.5%	52.5%
	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%	61.6%	62.1%	58.2%	61.2%	50.9%
	2021	56.9%	50.2%	58.3%	57.6%	57.9%	62.4%	62.6%	63.8%	64.7%	59.2%	66.5%	70.6%	57.9%	51.8%
	2022	50.3%	58.0%	59.3%	60.0%	61.4%	61.5%	64.4%	62.8%	57.6%	58.8%	58.0%	65.4%	55.0%	50.3%
Projected	2023	52.4%	56.2%	61.4%	58.6%	58.8%	61.4%	63.6%	62.8%	62.0%	59.3%	57.8%	65.0%	56.6%	51.5%
	2024	52.0%	56.8%	60.9%	58.6%	58.8%	61.3%	63.7%	62.8%	61.9%	59.3%	58.0%	65.3%	56.3%	51.7%
	2025	52.3%	56.1%	61.1%	58.5%	58.7%	61.2%	63.7%	62.8%	62.0%	59.3%	57.9%	65.3%	56.4%	51.5%
	2026	52.3%	56.1%	61.0%	58.4%	58.6%	61.2%	63.7%	62.8%	62.0%	59.3%	57.7%	65.2%	56.3%	51.5%
	2027	52.3%	56.0%	60.9%	58.4%	58.6%	61.2%	63.7%	62.8%	61.9%	59.2%	57.3%	64.8%	56.3%	51.5%
	2028	52.0%	56.7%	60.4%	58.3%	58.6%	61.2%	63.6%	62.8%	61.9%	59.2%	57.4%	65.1%	56.2%	51.7%
	2029	52.2%	56.0%	60.6%	58.2%	58.5%	61.2%	63.6%	62.8%	61.9%	59.1%	57.3%	65.1%	56.1%	51.5%
	2030	52.2%	55.9%	60.4%	58.2%	58.4%	61.2%	63.6%	62.8%	61.9%	59.0%	57.0%	65.0%	56.1%	51.5%
	2031	52.1%	55.9%	60.2%	58.1%	58.4%	61.2%	63.6%	62.8%	61.9%	58.9%	56.5%	64.6%	55.9%	51.5%
	2032	51.8%	56.5%	59.6%	58.0%	58.3%	61.2%	63.6%	62.8%	61.9%	58.8%	56.6%	64.9%	55.7%	51.7%
Avg.	2013-2022	55.4%	57.2%	60.5%	59.4%	59.5%	61.6%	62.8%	63.3%	61.7%	59.5%	60.4%	62.8%	57.9%	51.3%
	2023-2032	52.1%	56.2%	60.6%	58.3%	58.6%	61.2%	63.6%	62.8%	61.9%	59.1%	57.3%	65.0%	56.2%	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 2023 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	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	341.0	280.6	308.4	380.2	386.8	405.7	414.7	423.7	379.4	390.4	283.7	347.2	308.4	423.7
	2018	442.1	306.3	274.1	289.4	361.7	380.5	405.0	424.2	412.0	397.0	324.2	343.1	442.1	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	384.0	274.3	348.5	365.5	445.3
	2021	361.9	399.1	339.0	344.0	416.9	408.1	434.8	446.4	397.8	397.3	271.3	243.7	399.1	446.4
	2022	416.6	357.0	310.5	341.7	410.3	468.6	436.9	457.6	438.6	393.7	325.7	300.1	416.6	468.6
Projected	2023	415.3	372.1	319.0	355.0	411.4	440.2	431.4	455.8	422.5	387.7	329.3	303.3	415.3	455.8
	2024	419.9	376.2	322.5	355.9	441.2	441.1	432.3	456.8	423.4	388.7	328.7	302.9	419.9	456.8
	2025	419.2	375.6	322.1	357.4	414.3	442.8	433.9	458.6	424.9	390.4	330.5	304.5	419.2	458.6
	2026	421.5	377.6	323.9	359.2	416.5	444.7	435.8	460.6	426.8	392.4	332.8	306.5	421.5	460.6
	2027	424.2	380.0	326.1	361.5	419.1	447.2	438.2	463.2	429.1	394.9	337.3	310.3	424.2	463.2
	2028	429.5	384.9	330.4	364.0	422.1	449.9	440.8	466.0	431.7	397.7	338.4	311.2	429.5	466.0
	2029	430.6	385.9	331.6	366.5	425.0	452.5	443.4	468.8	434.1	400.4	341.3	313.6	430.6	468.8
	2030	434.0	388.9	334.5	369.2	428.2	455.3	446.1	471.7	436.8	403.4	344.5	316.3	434.0	471.7
	2031	437.7	392.2	337.7	371.9	431.3	457.8	448.6	474.4	439.2	406.3	349.5	320.4	437.7	474.4
	2032	443.3	397.3	342.4	374.2	434.1	460.0	450.7	476.7	441.2	408.9	350.5	321.1	443.3	476.7
Projected	2033	444.2	398.1	343.6	376.5	436.7	461.9	452.6	478.7	443.0	411.8	353.5	323.3	444.2	478.7
	2034	447.3	400.9	346.5	378.9	439.5	464.4	454.9	481.3	445.3	414.7	356.3	325.4	447.3	481.3
	2035	450.1	403.4	349.2	381.7	442.7	467.3	457.8	484.3	448.2	417.9	361.3	329.4	450.1	484.3
	2036	455.4	408.3	354.0	384.6	445.9	470.5	461.0	487.7	451.2	421.1	362.3	329.8	455.4	487.7
	2037	455.9	408.7	355.2	387.4	449.1	473.6	464.0	490.9	454.2	424.2	365.2	331.8	455.9	490.9
	2038	458.6	411.1	358.0	390.3	452.4	476.8	467.1	494.1	457.3	427.0	368.2	334.0	458.6	494.1
	2039	461.5	413.8	361.0	393.1	455.5	479.5	469.8	497.0	459.9	429.7	373.1	337.9	461.5	497.0
	2040	466.9	418.6	365.6	395.5	458.3	481.9	472.1	499.5	462.1	432.4	373.9	338.1	466.9	499.5
	2041	467.2	418.9	366.5	397.8	461.0	484.1	474.3	501.8	464.2	426.1	369.3	331.9	467.2	501.8
	2042	458.6	412.7	361.5	392.2	454.8	477.1	467.6	494.7	457.3	428.8	372.0	333.9	458.6	494.7

Monthly Coincidence Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	98.2%	98.1%	98.7%	98.7%	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%	98.4%	86.0%	97.1%	96.0%	98.2%
	2021	99.9%	100.0%	98.9%	96.3%	99.0%	95.9%	99.1%	99.1%	97.0%	99.6%	94.1%	88.9%	100.0%	99.1%
	2022	96.0%	99.5%	92.5%	95.6%	99.1%	99.5%	97.4%	99.3%	98.2%	98.3%	95.2%	94.7%	96.0%	99.5%
Projected	2023	98.7%	98.8%	95.7%	97.6%	98.1%	97.6%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2024	98.7%	98.8%	95.7%	97.6%	98.1%	97.6%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2025	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2026	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2027	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2028	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2029	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.1%	94.7%	98.7%	98.7%
	2030	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.1%	94.7%	98.7%	98.7%
	2031	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.1%	94.7%	98.7%	98.7%
	2032	98.7%	98.8%	95.7%	97.5%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.1%	94.7%	98.7%	98.7%
2013-2022		98.5%	98.9%	95.6%	97.7%	98.1%	97.3%	97.5%	98.6%	97.4%	98.1%	96.1%	94.1%	95.6%	98.8%
2023-2032		98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%

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)

Appendix D

ARP MEMBER FORECASTS

Bushnell

FMPA 2023 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)				
		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	2013	23,262	-	23,672	-	1.8%	5.8	-	5.5	-	-4.2%	5.0	-	5.3		4.6%
	2014	23,792	2.3%	23,829	0.7%	0.2%	6.3	10.1%	6.7	21.3%	5.5%	5.4	7.1%	5.3	0.9%	-1.5%
	2015	24,259	2.0%	23,943	0.5%	-1.3%	6.7	5.7%	6.7	0.7%	0.5%	5.6	4.0%	5.1	-3.0%	-8.1%
	2016	24,927	2.8%	24,577	2.6%	-1.4%	5.1	-23.2%	5.8	-13.3%	13.4%	5.6	-0.4%	5.2	0.9%	-6.9%
	2017	24,334	-2.4%	24,905	1.3%	2.3%	4.1	-19.8%	4.2	-28.8%	0.6%	6.1	9.8%	6.2	19.6%	1.5%
	2018	25,430	4.5%	25,537	2.5%	0.4%	6.5	58.6%	7.2	72.6%	9.5%	5.7	-7.3%	5.9	-5.5%	3.5%
	2019	25,623	0.8%	25,363	-0.7%	-1.0%	4.6	-29.9%	5.9	-17.2%	29.3%	5.8	1.8%	5.6	-5.3%	-3.7%
	2020	55,936	118.3%	55,077	117.2%	-1.5%	10.5	129.1%	12.8	115.5%	21.6%	11.7	102.3%	11.3	103.2%	-3.3%
	2021	58,053	3.8%	56,612	2.8%	-2.5%	12.3	16.7%	14.0	9.7%	14.3%	12.0	2.2%	11.5	1.9%	-3.7%
	2022	58,818	1.3%	57,883	2.2%	-1.6%	12.7	3.6%	13.0	-7.4%	2.2%	12.4	4.1%	12.2	5.5%	-2.3%
Projected	2023	59,621	1.4%	59,621	3.0%		13.5	6.6%	13.5	4.4%		12.9	4.0%	12.9	6.5%	
	2024			60,382	1.3%				13.8	1.6%				13.1	1.1%	
	2025			60,804	0.7%				13.9	1.2%				13.2	0.8%	
	2026			61,242	0.7%				14.0	0.8%				13.3	0.7%	
	2027			61,672	0.7%				14.1	0.7%				13.4	0.7%	
	2028			62,279	1.0%				14.2	0.7%				13.5	0.8%	
	2029			62,616	0.5%				14.4	1.0%				13.6	0.7%	
	2030			63,074	0.7%				14.5	0.8%				13.7	0.7%	
	2031			63,503	0.7%				14.6	0.8%				13.8	0.6%	
	2032			64,030	0.8%				14.7	0.6%				13.8	0.6%	
	2033			64,272	0.4%				14.8	0.9%				13.9	0.6%	
	2034			64,714	0.7%				15.0	0.7%				14.0	0.7%	
	2035			65,199	0.7%				15.1	0.7%				14.1	0.7%	
	2036			65,844	1.0%				15.2	0.6%				14.2	0.7%	
	2037			66,200	0.5%				15.3	0.9%				14.3	0.7%	
	2038			66,686	0.7%				15.4	0.7%				14.4	0.7%	
	2039			67,176	0.7%				15.5	0.7%				14.5	0.7%	
	2040			67,738	0.8%				15.6	0.5%				14.6	0.6%	
	2041			67,996	0.4%				15.7	0.8%				14.7	0.6%	
	2042			68,406	0.6%				15.8	0.7%				14.8	0.6%	
CAGR ^[3]	2013-2022		10.9%		10.4%			9.2%		10.0%			10.6%		9.8%	
	2023-2032				0.8%					0.9%					0.7%	
	2033-2042				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 2023 Load Forecast - Base Case

Bushnell

2023 v. 2022 (Base Case) Forecast Results Comparison (Net of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)
Historical	2013	23,262	-	23,262	-	5.8	5.9	5.5	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	5.6	5.9	4.6	5.8	4.6	5.8
	2020	55,936	118.3%	55,936	118.3%	12.2	11.8	12.2	11.8	10.5	11.7	10.5	11.7
	2021	58,053	3.8%	58,053	3.8%	12.3	12.3	12.3	12.3	12.3	12.0	12.3	12.0
	2022	58,818	1.3%	58,093	0.1%	13.1	12.7	13.7	13.4	12.7	12.4	13.5	12.7
Projected	2023	59,621	1.4%	59,342	2.2%	13.7	13.6	14.0	13.6	13.5	12.9	13.8	12.9
	2024	60,382	1.3%	60,155	1.4%	13.9	13.8	14.2	13.8	13.8	13.1	13.9	13.1
	2025	60,804	0.7%	60,603	0.7%	14.1	13.9	14.3	13.9	13.9	13.2	14.1	13.2
	2026	61,242	0.7%	61,135	0.9%	14.2	14.0	14.5	14.0	14.0	13.3	14.2	13.3
	2027	61,672	0.7%	61,628	0.8%	14.3	14.1	14.6	14.1	14.1	13.4	14.4	13.4
	2028	62,279	1.0%	62,250	1.0%	14.4	14.2	14.7	14.3	14.2	13.5	14.5	13.5
	2029	62,616	0.5%	62,583	0.5%	14.5	14.3	14.9	14.4	14.4	13.6	14.6	13.6
	2030	63,074	0.7%	63,034	0.7%	14.7	14.4	15.0	14.5	14.5	13.7	14.7	13.7
	2031	63,503	0.7%	63,457	0.7%	14.8	14.5	15.1	14.6	14.6	13.8	14.9	13.8
	2032	64,030	0.8%	63,986	0.8%	14.9	14.6	15.2	14.6	14.7	13.8	14.9	13.9
	2033	64,272	0.4%	64,234	0.4%	15.0	14.7	15.3	14.7	14.8	13.9	15.1	13.9
	2034	64,714	0.7%	64,614	0.6%	15.1	14.8	15.5	14.8	15.0	14.0	15.2	14.0
	2035	65,199	0.7%	64,984	0.6%	15.2	14.9	15.6	14.9	15.1	14.1	15.3	14.1
	2036	65,844	1.0%	65,482	0.8%	15.3	15.0	15.6	15.0	15.2	14.2	15.4	14.2
	2037	66,200	0.5%	65,665	0.3%	15.5	15.1	15.8	15.1	15.3	14.3	15.5	14.2
	2038	66,686	0.7%	65,980	0.5%	15.6	15.2	15.9	15.1	15.4	14.4	15.6	14.3
	2039	67,176	0.7%	66,333	0.5%	15.7	15.3	16.0	15.2	15.5	14.5	15.7	14.4
	2040	67,738	0.8%	66,775	0.7%	15.7	15.4	16.1	15.3	15.6	14.6	15.8	14.4
	2041	67,996	0.4%	66,945	0.3%	15.9	15.5	16.2	15.3	15.7	14.7	15.9	14.5
	2042	68,406	0.6%			16.0	15.6			15.8	14.8		
CAGR ^[1]	Historical		10.9%		12.1%	9.6%	8.9%	10.6%	9.7%	9.1%	11.0%	9.9%	12.1%
	1st 10 Prj Yrs		0.8%		1.0%	0.9%	0.8%	1.1%	0.9%	0.9%	0.7%	1.1%	0.9%
	2nd 10 Prj Yrs		0.7%		0.5%	0.7%	0.7%	0.7%	0.5%	0.7%	0.7%	0.7%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	5,007	4,166	4,539	57,710	55,936
	2021	4,588	4,185	4,634	4,408	5,033	5,189	5,457	5,711	5,136	4,898	3,964	4,275	57,478	58,053
	2022	4,801	4,309	4,634	4,535	5,190	5,525	5,765	5,839	5,084	5,524	3,984	4,513	59,702	58,818
Projected	2023	5,129	4,017	4,337	4,604	5,172	5,279	5,641	5,795	5,626	5,427	4,055	4,669	59,750	59,621
	2024	5,162	4,201	4,391	4,660	5,238	5,337	5,701	5,857	5,684	5,484	4,096	4,716	60,527	60,382
	2025	5,211	4,110	4,431	4,703	5,284	5,382	5,749	5,907	5,731	5,529	4,129	4,755	60,921	60,804
	2026	5,252	4,141	4,462	4,736	5,321	5,417	5,786	5,945	5,769	5,566	4,155	4,788	61,340	61,242
	2027	5,289	4,171	4,492	4,769	5,359	5,455	5,828	5,988	5,811	5,608	4,186	4,828	61,784	61,672
	2028	5,333	4,338	4,526	4,805	5,401	5,496	5,871	6,033	5,854	5,651	4,217	4,868	62,393	62,279
	2029	5,377	4,239	4,559	4,842	5,442	5,535	5,913	6,077	5,897	5,693	4,246	4,908	62,727	62,616
	2030	5,421	4,272	4,592	4,877	5,482	5,573	5,954	6,119	5,938	5,733	4,275	4,948	63,182	63,074
	2031	5,464	4,305	4,622	4,909	5,519	5,608	5,991	6,156	5,974	5,769	4,299	4,983	63,599	63,503
	2032	5,503	4,472	4,649	4,939	5,553	5,639	6,024	6,191	6,007	5,804	4,323	5,019	64,123	64,030
Projected	2033	5,542	4,364	4,676	4,967	5,586	5,669	6,057	6,225	6,040	5,844	4,351	5,057	64,379	64,272
	2034	5,585	4,396	4,707	5,001	5,624	5,706	6,097	6,266	6,079	5,888	4,384	5,098	64,831	64,714
	2035	5,629	4,430	4,743	5,039	5,667	5,748	6,141	6,311	6,123	5,933	4,418	5,140	65,322	65,199
	2036	5,675	4,608	4,780	5,078	5,711	5,790	6,186	6,357	6,167	5,979	4,451	5,182	65,965	65,844
	2037	5,721	4,499	4,817	5,117	5,754	5,833	6,231	6,403	6,212	6,022	4,484	5,223	66,317	66,200
	2038	5,765	4,533	4,853	5,155	5,797	5,874	6,275	6,448	6,256	6,066	4,517	5,263	66,804	66,686
	2039	5,810	4,567	4,890	5,193	5,840	5,916	6,320	6,494	6,300	6,104	4,544	5,300	67,277	67,176
	2040	5,850	4,745	4,919	5,225	5,876	5,950	6,356	6,531	6,336	6,141	4,570	5,337	67,839	67,738
	2041	5,891	4,628	4,948	5,256	5,912	5,983	6,392	6,567	6,371	6,177	4,595	5,372	68,092	67,996
	2042	5,931	4,658	4,978	5,288	5,948	6,017	6,428	6,605	6,407	6,216	4,623	5,409	68,510	68,406

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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	8.0%	7.6%	8.4%	7.4%	8.1%	8.9%	9.3%	9.5%	8.9%	8.7%	7.2%	7.9%	100.0%
	2021	8.0%	7.3%	8.1%	7.7%	8.8%	9.0%	9.5%	9.9%	8.9%	8.5%	6.9%	7.4%	100.0%
	2022	8.0%	7.2%	7.8%	7.6%	8.7%	9.3%	9.7%	9.8%	8.5%	9.3%	6.7%	7.6%	100.0%
Projected	2023	8.6%	6.7%	7.3%	7.7%	8.7%	8.8%	9.4%	9.7%	9.4%	9.1%	6.8%	7.8%	100.0%
	2024	8.5%	6.9%	7.3%	7.7%	8.7%	8.8%	9.4%	9.7%	9.4%	9.1%	6.8%	7.8%	100.0%
	2025	8.6%	6.7%	7.3%	7.7%	8.7%	8.8%	9.4%	9.7%	9.4%	9.1%	6.8%	7.8%	100.0%
	2026	8.6%	6.8%	7.3%	7.7%	8.7%	8.8%	9.4%	9.7%	9.4%	9.1%	6.8%	7.8%	100.0%
	2027	8.6%	6.8%	7.3%	7.7%	8.7%	8.8%	9.4%	9.7%	9.4%	9.1%	6.8%	7.8%	100.0%
	2028	8.5%	7.0%	7.3%	7.7%	8.7%	8.8%	9.4%	9.7%	9.4%	9.1%	6.8%	7.8%	100.0%
	2029	8.6%	6.8%	7.3%	7.7%	8.7%	8.8%	9.4%	9.7%	9.4%	9.1%	6.8%	7.8%	100.0%
	2030	8.6%	6.8%	7.3%	7.7%	8.7%	8.8%	9.4%	9.7%	9.4%	9.1%	6.8%	7.8%	100.0%
	2031	8.6%	6.8%	7.3%	7.7%	8.7%	8.8%	9.4%	9.7%	9.4%	9.1%	6.8%	7.8%	100.0%
	2032	8.6%	7.0%	7.3%	7.7%	8.7%	8.8%	9.4%	9.7%	9.4%	9.1%	6.8%	7.8%	100.0%
Avg.	2013-2022	7.9%	6.9%	7.4%	7.4%	8.6%	8.9%	9.4%	10.0%	9.1%	8.9%	7.6%	8.0%	100.0%
	2023-2032	8.6%	6.8%	7.3%	7.7%	8.7%	8.8%	9.4%	9.7%	9.4%	9.1%	6.8%	7.8%	100.0%

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

FMPA 2023 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	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	11.2	10.2	10.9	12.2	11.8
	2021	11.4	12.3	11.0	10.4	11.6	11.3	11.5	12.3	11.1	11.4	8.3	8.9	12.3	12.3
	2022	13.1	10.9	10.6	11.2	11.3	12.7	12.2	12.5	12.2	10.6	9.9	10.6	13.1	12.7
Projected	2023	13.7	12.0	11.3	10.8	11.7	12.3	12.1	13.6	12.5	11.4	10.0	10.8	13.7	13.6
	2024	13.9	12.2	11.5	10.9	11.8	12.4	12.2	13.8	12.7	11.5	10.2	10.9	13.9	13.8
	2025	14.1	12.4	11.6	11.0	12.0	12.5	12.3	13.9	12.8	11.7	10.2	11.0	14.1	13.9
	2026	14.2	12.5	11.7	11.1	12.0	12.6	12.4	14.0	12.9	11.7	10.3	11.1	14.2	14.0
	2027	14.3	12.6	11.8	11.2	12.1	12.7	12.5	14.1	13.0	11.8	10.4	11.1	14.3	14.1
	2028	14.4	12.6	11.9	11.3	12.2	12.8	12.6	14.2	13.1	11.9	10.5	11.3	14.4	14.2
	2029	14.5	12.8	12.0	11.4	12.3	12.9	12.7	14.3	13.1	12.0	10.6	11.3	14.5	14.3
	2030	14.7	12.9	12.2	11.5	12.4	13.0	12.7	14.4	13.2	12.1	10.7	11.4	14.7	14.4
	2031	14.8	13.0	12.3	11.5	12.5	13.0	12.8	14.5	13.3	12.2	10.8	11.5	14.8	14.5
	2032	14.9	13.1	12.3	11.6	12.6	13.1	12.9	14.6	13.4	12.3	10.9	11.6	14.9	14.6
Projected	2033	15.0	13.2	12.5	11.7	12.7	13.2	13.0	14.7	13.5	12.4	11.0	11.7	15.0	14.7
	2034	15.1	13.3	12.6	11.8	12.8	13.3	13.1	14.8	13.6	12.5	11.1	11.8	15.1	14.8
	2035	15.2	13.4	12.7	11.9	12.9	13.4	13.2	14.9	13.7	12.6	11.2	11.9	15.2	14.9
	2036	15.3	13.5	12.8	12.0	13.0	13.5	13.3	15.0	13.8	12.7	11.3	12.0	15.3	15.0
	2037	15.5	13.6	12.9	12.1	13.1	13.6	13.4	15.1	13.9	12.8	11.4	12.0	15.5	15.1
	2038	15.6	13.7	13.0	12.2	13.2	13.7	13.5	15.2	14.0	12.9	11.5	12.1	15.6	15.2
	2039	15.7	13.8	13.1	12.3	13.3	13.8	13.5	15.3	14.1	13.0	11.5	12.2	15.7	15.3
	2040	15.7	13.8	13.2	12.3	13.4	13.9	13.6	15.4	14.2	13.1	11.6	12.3	15.7	15.4
	2041	15.9	14.0	13.3	12.4	13.5	13.9	13.7	15.5	14.2	13.1	11.7	12.4	15.9	15.5
	2042	16.0	14.1	13.4	12.5	13.6	14.0	13.8	15.6	14.3	13.2	11.8	12.5	16.0	15.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	59.9%	56.7%	56.1%	54.0%	54.0%
	2021	53.9%	50.8%	56.5%	59.0%	58.1%	63.6%	63.6%	62.4%	64.3%	57.6%	66.3%	64.5%	53.5%	53.9%
	2022	49.3%	58.8%	58.9%	56.4%	61.6%	60.6%	63.7%	62.9%	58.0%	70.0%	56.0%	57.3%	52.0%	53.0%
Projected	2023	50.4%	49.7%	51.5%	59.2%	59.3%	59.8%	62.8%	57.2%	62.3%	63.9%	56.1%	58.3%	49.8%	50.0%
	2024	49.9%	49.4%	51.3%	59.3%	59.4%	59.8%	62.8%	57.2%	62.3%	63.8%	56.0%	58.2%	49.7%	50.1%
	2025	49.8%	49.5%	51.2%	59.3%	59.4%	59.8%	62.8%	57.2%	62.3%	63.8%	56.0%	58.2%	49.4%	50.0%
	2026	49.7%	49.4%	51.1%	59.3%	59.4%	59.8%	62.8%	57.2%	62.3%	63.8%	55.9%	58.2%	49.3%	50.0%
	2027	49.7%	49.4%	51.0%	59.3%	59.4%	59.8%	62.8%	57.2%	62.3%	63.7%	55.9%	58.3%	49.3%	50.0%
	2028	49.8%	49.3%	51.1%	59.2%	59.3%	59.8%	62.8%	57.2%	62.3%	63.7%	55.7%	58.2%	49.5%	50.1%
	2029	49.7%	49.4%	50.9%	59.2%	59.3%	59.8%	62.8%	57.1%	62.3%	63.6%	55.6%	58.1%	49.2%	50.0%
	2030	49.7%	49.3%	50.8%	59.1%	59.3%	59.7%	62.8%	57.1%	62.3%	63.6%	55.4%	58.1%	49.2%	50.0%
	2031	49.7%	49.3%	50.7%	59.1%	59.2%	59.7%	62.8%	57.1%	62.3%	63.5%	55.4%	58.2%	49.1%	50.0%
	2032	49.7%	49.2%	50.6%	59.1%	59.2%	59.7%	62.8%	57.1%	62.2%	63.5%	55.1%	58.1%	49.2%	50.2%
Avg-	2013-2022	48.7%	51.7%	54.7%	54.5%	55.4%	58.1%	59.3%	59.4%	58.0%	55.1%	54.6%	55.0%	50.2%	49.2%
	2023-2032	49.8%	49.4%	51.0%	59.2%	59.3%	59.8%	62.8%	57.2%	62.3%	63.7%	55.7%	58.2%	49.4%	50.0%

FMPA 2023 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	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	10.9	7.7	9.9	10.5	11.7
	2021	11.4	12.3	9.6	9.9	11.4	10.7	11.5	12.0	10.8	11.3	8.1	8.2	12.3	12.0
	2022	12.7	10.9	10.5	10.7	10.9	12.4	10.9	11.9	11.8	10.3	9.0	9.3	12.7	12.4
Projected	2023	13.5	11.8	10.3	10.1	11.1	11.8	11.4	12.9	12.0	11.1	9.2	9.4	13.5	12.9
	2024	13.8	12.0	10.5	10.2	11.2	11.9	11.5	13.1	12.2	11.2	9.3	9.5	13.8	13.1
	2025	13.9	12.2	10.6	10.3	11.3	12.0	11.6	13.2	12.3	11.3	9.4	9.6	13.9	13.2
	2026	14.0	12.3	10.7	10.4	11.4	12.1	11.7	13.3	12.4	11.4	9.4	9.7	14.0	13.3
	2027	14.1	12.3	10.8	10.5	11.5	12.2	11.8	13.4	12.5	11.5	9.5	9.7	14.1	13.4
	2028	14.2	12.4	10.8	10.6	11.6	12.3	11.9	13.5	12.5	11.6	9.6	9.8	14.2	13.5
	2029	14.4	12.6	11.0	10.7	11.7	12.3	11.9	13.6	12.6	11.7	9.7	9.9	14.4	13.6
	2030	14.5	12.7	11.1	10.7	11.7	12.4	12.0	13.7	12.7	11.8	9.8	10.0	14.5	13.7
	2031	14.6	12.8	11.2	10.8	11.8	12.5	12.1	13.8	12.8	11.8	9.9	10.1	14.6	13.8
	2032	14.7	12.8	11.2	10.9	11.9	12.6	12.2	13.8	12.9	11.9	10.0	10.2	14.7	13.8
Projected	2033	14.8	13.0	11.4	11.0	12.0	12.6	12.2	13.9	12.9	12.0	10.0	10.2	14.8	13.9
	2034	15.0	13.1	11.4	11.1	12.1	12.7	12.3	14.0	13.0	12.1	10.1	10.3	15.0	14.0
	2035	15.1	13.2	11.5	11.1	12.2	12.8	12.4	14.1	13.1	12.2	10.2	10.4	15.1	14.1
	2036	15.2	13.2	11.6	11.2	12.3	12.9	12.5	14.2	13.2	12.3	10.3	10.5	15.2	14.2
	2037	15.3	13.3	11.7	11.3	12.4	13.0	12.6	14.3	13.3	12.4	10.4	10.5	15.3	14.3
	2038	15.4	13.4	11.8	11.4	12.5	13.1	12.7	14.4	13.4	12.5	10.5	10.6	15.4	14.4
	2039	15.5	13.5	11.9	11.5	12.6	13.2	12.8	14.5	13.5	12.6	10.5	10.7	15.5	14.5
	2040	15.6	13.6	12.0	11.6	12.6	13.3	12.9	14.6	13.6	12.7	10.6	10.8	15.6	14.6
	2041	15.7	13.7	12.1	11.7	12.7	13.4	12.9	14.7	13.7	12.8	10.7	10.8	15.7	14.7
	2042	15.8	13.8	12.2	11.7	12.8	13.4	13.0	14.8	13.8	12.8	10.8	10.9	15.8	14.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	96.9%	75.4%	91.4%	86.1%	98.9%
	2021	100.0%	100.0%	87.0%	95.0%	98.1%	94.4%	99.9%	97.2%	97.7%	98.6%	98.0%	91.6%	100.0%	97.2%
	2022	97.0%	100.0%	98.9%	95.9%	96.7%	98.2%	89.4%	95.3%	96.7%	97.0%	91.4%	87.5%	97.0%	98.2%
Projected	2023	98.9%	98.3%	91.1%	93.9%	94.5%	96.0%	94.4%	95.1%	96.1%	97.0%	91.4%	87.5%	98.9%	95.1%
	2024	98.9%	98.3%	91.1%	93.9%	94.5%	95.9%	94.4%	95.1%	96.1%	97.0%	91.4%	87.5%	98.9%	95.1%
	2025	98.9%	98.3%	91.1%	93.9%	94.5%	95.9%	94.4%	95.0%	96.1%	97.0%	91.4%	87.5%	98.9%	95.0%
	2026	98.9%	98.3%	91.1%	93.9%	94.5%	95.9%	94.4%	95.0%	96.1%	97.0%	91.4%	87.5%	98.9%	95.0%
	2027	98.9%	98.3%	91.1%	93.9%	94.5%	95.9%	94.4%	95.0%	96.1%	97.0%	91.4%	87.5%	98.9%	95.0%
	2028	98.9%	98.3%	91.1%	93.9%	94.5%	95.9%	94.4%	95.0%	96.1%	97.0%	91.4%	87.5%	98.9%	95.0%
	2029	98.9%	98.3%	91.1%	93.9%	94.5%	95.9%	94.4%	95.0%	96.1%	97.0%	91.4%	87.5%	98.9%	95.0%
	2030	98.9%	98.3%	91.1%	93.9%	94.5%	95.9%	94.4%	95.0%	96.1%	97.0%	91.4%	87.5%	98.9%	95.0%
	2031	98.9%	98.3%	91.1%	93.9%	94.5%	95.9%	94.4%	95.0%	96.1%	97.0%	91.4%	87.5%	98.9%	95.0%
	2032	98.9%	98.3%	91.1%	93.9%	94.5%	95.9%	94.3%	95.0%	96.1%	97.0%	91.4%	87.5%	98.9%	95.0%
	2013-2022	98.9%	98.3%	91.1%	93.9%	94.5%	96.0%	94.4%	94.8%	96.1%	97.0%	94.5%	86.2%	93.1%	95.6%
	2023-2032	98.9%	98.3%	91.1%	93.9%	94.5%	95.9%	94.4%	95.0%	96.1%	97.0%	91.4%	87.5%	98.9%	95.0%

FMPA 2023 Load Forecast - Base Case - Bushnell

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV) (Fiscal Year 2013-2042)

	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	2013	7,939		736		10,781		14,570		281		51.9		22,509		753	3.2%	23,262	
	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%
	2021	12,918	3.4%	1,165	3.1%	11,084	0.3%	43,101	8.0%	435	2.1%	99.2	5.7%	56,019	6.9%	2,034	3.5%	58,053	3.8%
	2022	12,977	0.5%	1,182	1.4%	10,983	-0.9%	43,784	1.6%	443	2.0%	98.8	-0.4%	56,761	1.3%	2,057	3.5%	58,818	1.3%
Projected	2023	12,938	-0.3%	1,186	0.4%	10,912	-0.7%	43,952	0.4%	450	1.6%	97.6	-1.2%	56,890	0.2%	2,780	4.7%	59,669	1.4%
	2024	12,802	-1.0%	1,188	0.2%	10,772	-1.3%	44,730	1.8%	454	0.8%	98.5	0.9%	57,532	1.1%	2,939	4.9%	60,471	1.3%
	2025	12,815	0.1%	1,195	0.5%	10,728	-0.4%	45,288	1.2%	458	0.7%	99.0	0.5%	58,103	1.0%	2,838	4.7%	60,941	0.8%
	2026	12,867	0.4%	1,200	0.5%	10,721	-0.1%	45,707	0.9%	460	0.6%	99.3	0.3%	58,574	0.8%	2,860	4.7%	61,434	0.8%
	2027	12,949	0.6%	1,205	0.4%	10,744	0.2%	46,097	0.9%	463	0.6%	99.5	0.3%	59,046	0.8%	2,883	4.7%	61,930	0.8%
	2028	13,048	0.8%	1,210	0.4%	10,781	0.3%	46,525	0.9%	466	0.6%	99.9	0.4%	59,573	0.9%	3,043	4.9%	62,616	1.1%
	2029	13,157	0.8%	1,215	0.4%	10,828	0.4%	46,952	0.9%	468	0.5%	100.3	0.4%	60,108	0.9%	2,935	4.7%	63,044	0.7%
	2030	13,270	0.9%	1,220	0.4%	10,878	0.5%	47,378	0.9%	471	0.5%	100.7	0.4%	60,648	0.9%	2,962	4.7%	63,610	0.9%
	2031	13,385	0.9%	1,224	0.4%	10,932	0.5%	47,790	0.9%	473	0.5%	101.1	0.4%	61,174	0.9%	2,988	4.7%	64,162	0.9%
	2032	13,499	0.9%	1,228	0.3%	10,991	0.5%	48,177	0.8%	475	0.4%	101.5	0.4%	61,676	0.8%	3,151	4.9%	64,826	1.0%
	2033	13,617	0.9%	1,232	0.3%	11,053	0.6%	48,563	0.8%	477	0.4%	101.9	0.4%	62,181	0.8%	3,037	4.7%	65,218	0.6%
	2034	13,741	0.9%	1,236	0.3%	11,120	0.6%	48,951	0.8%	478	0.4%	102.3	0.4%	62,692	0.8%	3,063	4.7%	65,755	0.8%
	2035	13,872	0.9%	1,239	0.3%	11,192	0.6%	49,340	0.8%	480	0.4%	102.8	0.4%	63,211	0.8%	3,088	4.7%	66,300	0.8%
	2036	14,009	1.0%	1,243	0.3%	11,271	0.7%	49,724	0.8%	482	0.3%	103.2	0.4%	63,734	0.8%	3,257	4.9%	66,990	1.0%
	2037	14,148	1.0%	1,246	0.3%	11,352	0.7%	50,098	0.8%	483	0.3%	103.7	0.4%	64,246	0.8%	3,139	4.7%	67,386	0.6%
	2038	14,292	1.0%	1,250	0.3%	11,437	0.7%	50,471	0.7%	485	0.3%	104.1	0.4%	64,763	0.8%	3,165	4.7%	67,927	0.8%
	2039	14,425	0.9%	1,253	0.3%	11,513	0.7%	50,842	0.7%	486	0.3%	104.6	0.4%	65,267	0.8%	3,190	4.7%	68,457	0.8%
	2040	14,554	0.9%	1,256	0.3%	11,586	0.6%	51,212	0.7%	488	0.3%	105.0	0.4%	65,765	0.8%	3,362	4.9%	69,127	1.0%
	2041	14,675	0.8%	1,259	0.2%	11,656	0.6%	51,575	0.7%	489	0.3%	105.4	0.4%	66,250	0.7%	3,238	4.7%	69,488	0.5%
	2042	14,801	0.9%	1,262	0.2%	11,727	0.6%	51,941	0.7%	491	0.3%	105.9	0.4%	66,742	0.7%	3,263	4.7%	70,005	0.7%
CAGR	2013-2022		5.6%		5.4%		0.2%		13.0%		5.2%		7.4%		10.8%		4.2%		10.9%
	2023-2032		0.5%		0.4%		0.1%		1.0%		0.6%		0.4%		0.9%		4.7%		0.9%
	2033-2042		0.9%		0.3%		0.7%		0.7%		0.3%		0.4%		0.8%		4.7%		0.8%

CAGR - Compound Average Growth Rate.

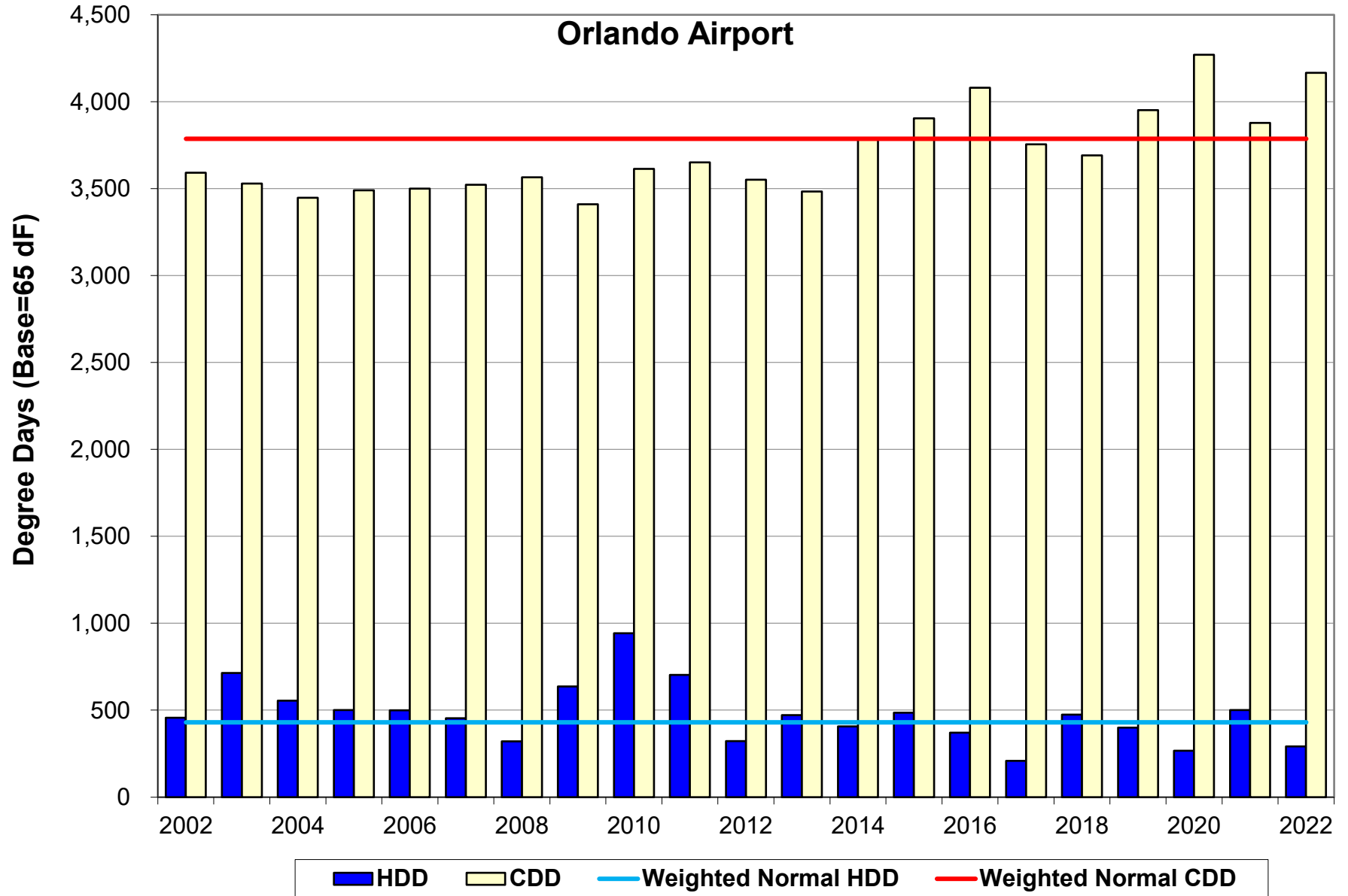
FMPA 2023 Load Forecast

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
2002	59.5	-	24.9	-	15.5	-	0.93	-	1,005	-	1,341	-	53,897	-
2003	61.9	4.0%	26.6	7.0%	18.1	17.3%	1.09	17.5%	1,180	17.4%	1,493	11.4%	56,095	4.1%
2004	64.5	4.1%	28.0	5.3%	20.0	10.4%	1.13	4.0%	1,261	6.8%	1,700	13.9%	60,691	8.2%
2005	69.3	7.5%	30.4	8.6%	24.0	20.1%	1.13	0.0%	1,462	16.0%	1,949	14.6%	64,085	5.6%
2006	76.2	10.0%	33.5	10.1%	26.6	10.6%	1.52	34.7%	1,635	11.8%	2,229	14.4%	66,616	3.9%
2007	82.1	7.7%	36.3	8.4%	27.7	4.3%	1.45	-4.8%	1,798	10.0%	2,352	5.5%	64,860	-2.6%
2008	86.4	5.3%	38.2	5.3%	28.4	2.4%	1.36	-6.5%	1,746	-2.9%	2,540	8.0%	66,514	2.6%
2009	90.6	4.9%	40.0	4.7%	29.3	3.3%	1.16	-14.5%	1,835	5.1%	2,754	8.4%	68,893	3.6%
2010	94.3	4.0%	41.8	4.5%	30.8	5.1%	1.03	-11.4%	1,904	3.8%	2,987	8.4%	71,513	3.8%
2011	97.2	3.1%	43.5	4.2%	32.7	6.2%	1.01	-1.3%	1,976	3.8%	3,390	13.5%	77,926	9.0%
2012	100.1	3.0%	44.2	1.6%	34.4	5.2%	1.04	2.8%	2,348	18.8%	3,852	13.6%	87,139	11.8%
2013	104.5	4.4%	45.1	1.9%	37.0	7.5%	1.20	15.5%	2,615	11.4%	4,086	6.1%	90,690	4.1%
2014	109.1	4.4%	45.9	1.8%	39.0	5.4%	1.23	2.6%	2,568	-1.8%	4,334	6.1%	94,504	4.2%
2015	113.2	3.7%	46.9	2.3%	40.4	3.5%	1.30	5.0%	2,768	7.8%	4,709	8.7%	100,347	6.2%
2016	117.4	3.7%	48.1	2.5%	41.6	2.9%	1.17	-10.0%	2,864	3.5%	5,153	9.4%	107,140	6.8%
2017	119.6	1.9%	49.0	1.9%	43.0	3.4%	1.22	4.7%	3,025	5.6%	5,454	5.8%	111,326	3.9%
2018	122.9	2.7%	50.3	2.6%	45.2	5.1%	1.36	11.1%	3,283	8.5%	5,840	7.1%	116,182	4.4%
2019	126.5	2.9%	51.6	2.6%	47.3	4.7%	1.45	6.6%	4,000	21.8%	6,500	11.3%	126,036	8.5%
2020	130.9	3.5%	52.6	2.0%	47.0	-0.8%	1.44	-0.7%	4,193	4.8%	6,816	4.9%	129,512	2.8%
2021	135.1	3.2%	55.2	4.9%	50.7	7.9%	1.50	4.8%	4,350	3.7%	6,858	0.6%	124,175	-4.1%
2022	139.7	3.4%	57.6	4.2%	52.6	3.8%	1.54	2.0%	4,540	4.4%	7,242	5.6%	125,815	1.3%
2023	144.4	3.3%	59.9	4.0%	54.5	3.6%	1.57	2.1%	4,735	4.3%	7,637	5.5%	127,534	1.4%
2024	149.1	3.3%	62.2	3.9%	56.4	3.4%	1.60	1.8%	4,937	4.2%	8,046	5.4%	129,385	1.5%
2025	153.9	3.2%	64.5	3.7%	58.3	3.4%	1.63	1.9%	5,143	4.2%	8,467	5.2%	131,312	1.5%
2026	158.4	2.9%	66.5	3.2%	60.1	3.1%	1.65	1.7%	5,344	3.9%	8,869	4.8%	133,304	1.5%
2027	163.0	2.9%	68.6	3.1%	61.9	3.0%	1.68	1.7%	5,551	3.9%	9,287	4.7%	135,398	1.6%
2028	167.7	2.9%	70.6	3.0%	63.7	2.9%	1.71	1.7%	5,764	3.8%	9,716	4.6%	137,559	1.6%
2029	172.5	2.8%	72.7	2.9%	65.6	2.9%	1.74	1.7%	5,983	3.8%	10,159	4.6%	139,799	1.6%
2030	177.3	2.8%	74.7	2.8%	67.5	2.9%	1.77	1.7%	6,209	3.8%	10,615	4.5%	142,113	1.7%
2031	181.8	2.5%	76.4	2.3%	69.2	2.6%	1.80	1.6%	6,425	3.5%	11,041	4.0%	144,488	1.7%
2032	186.3	2.5%	78.1	2.2%	71.0	2.6%	1.83	1.7%	6,647	3.5%	11,480	4.0%	146,937	1.7%
2033	190.9	2.5%	79.8	2.2%	72.8	2.5%	1.86	1.6%	6,876	3.4%	11,932	3.9%	149,445	1.7%
2034	195.6	2.5%	81.6	2.1%	74.6	2.5%	1.89	1.7%	7,112	3.4%	12,397	3.9%	152,011	1.7%
2035	200.4	2.5%	83.3	2.1%	76.4	2.4%	1.92	1.6%	7,354	3.4%	12,877	3.9%	154,641	1.7%
2036	205.1	2.3%	84.8	1.9%	78.2	2.3%	1.95	1.6%	7,595	3.3%	13,347	3.7%	157,310	1.7%
2037	209.8	2.3%	86.4	1.9%	80.0	2.3%	1.98	1.6%	7,843	3.3%	13,828	3.6%	159,990	1.7%
2038	214.7	2.3%	88.0	1.8%	81.8	2.3%	2.01	1.6%	8,098	3.3%	14,324	3.6%	162,731	1.7%
2039	219.6	2.3%	89.6	1.8%	83.6	2.2%	2.04	1.6%	8,361	3.2%	14,834	3.6%	165,526	1.7%
2040	224.6	2.3%	91.2	1.8%	85.5	2.3%	2.07	1.6%	8,631	3.2%	15,357	3.5%	168,341	1.7%
2041	229.5	2.2%	92.8	1.7%	87.2	2.1%	2.11	1.6%	8,902	3.1%	15,872	3.4%	171,123	1.7%
2042	234.5	2.2%	94.3	1.7%	89.1	2.1%	2.14	1.5%	9,181	3.1%	16,398	3.3%	173,878	1.6%
Average Percent Change														
2012-2022			3.4%	2.7%	4.3%	4.0%	6.8%	6.5%	3.7%					
2023-2032			2.9%	3.0%	3.0%	1.7%	3.8%	4.6%	1.6%					
2033-2042			2.3%	1.9%	2.3%	1.6%	3.3%	3.6%	1.7%					



Clewiston

FMPA 2023 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	Percent Diff.
Historical	Year															
	2013	100,568	-	103,037	-	2.5%	14.9	-	13.3	-	-10.4%	19.8	-	19.9		0.6%
	2014	104,563	4.0%	104,056	1.0%	-0.5%	15.9	7.1%	16.5	23.8%	3.5%	21.4	8.2%	21.8	9.7%	2.0%
	2015	105,534	0.9%	105,218	1.1%	-0.3%	26.8	68.6%	14.9	-9.5%	-44.4%	21.3	-0.6%	19.9	-9.0%	-6.6%
	2016	109,324	3.6%	106,188	0.9%	-2.9%	18.8	-29.7%	16.4	9.9%	-13.0%	21.1	-0.9%	22.0	10.8%	4.5%
	2017	106,621	-2.5%	106,251	0.1%	-0.3%	16.7	-11.3%	18.4	12.3%	10.2%	22.4	6.2%	21.6	-2.0%	-3.6%
	2018	105,307	-1.2%	107,671	1.3%	2.2%	16.8	0.4%	16.8	-9.0%	0.0%	21.6	-3.3%	22.7	5.1%	4.9%
	2019	107,619	2.2%	106,581	-1.0%	-1.0%	17.7	5.3%	17.2	2.7%	-2.5%	22.3	3.2%	20.9	-7.7%	-6.2%
	2020	107,264	-0.3%	104,110	-2.3%	-2.9%	18.2	2.9%	16.6	-3.7%	-8.7%	21.7	-2.9%	20.4	-2.7%	-6.1%
	2021	106,026	-1.2%	104,929	0.8%	-1.0%	14.7	-18.8%	14.5	-12.6%	-1.8%	20.2	-6.9%	19.5	-4.2%	-3.4%
	2022	104,148	-1.8%	102,932	-1.9%	-1.2%	15.2	3.0%	13.7	-5.5%	-9.9%	24.5	21.3%	19.5	0.3%	-20.2%
Projected	2023	105,215	1.0%	105,215	2.2%		16.9	11.3%	16.9	23.6%		21.4	-12.6%	21.4	9.5%	
	2024			106,122	0.9%				17.1	0.9%				21.5	0.5%	
	2025			106,129	0.0%				17.1	0.2%				21.5	0.1%	
	2026			106,243	0.1%				17.1	0.1%				21.6	0.2%	
	2027			106,571	0.3%				17.2	0.3%				21.6	0.3%	
	2028			107,072	0.5%				17.3	0.4%				21.7	0.2%	
	2029			107,034	0.0%				17.3	0.1%				21.7	0.2%	
	2030			107,364	0.3%				17.3	0.3%				21.8	0.3%	
	2031			107,811	0.4%				17.4	0.5%				21.9	0.4%	
	2032			108,574	0.7%				17.5	0.7%				22.0	0.4%	
	2033			108,763	0.2%				17.6	0.3%				22.1	0.4%	
	2034			109,296	0.5%				17.7	0.5%				22.2	0.5%	
	2035			109,848	0.5%				17.8	0.5%				22.3	0.5%	
	2036			110,703	0.8%				17.9	0.6%				22.4	0.5%	
	2037			110,979	0.2%				17.9	0.3%				22.5	0.5%	
	2038			111,527	0.5%				18.0	0.4%				22.6	0.5%	
	2039			112,100	0.5%				18.1	0.5%				22.7	0.5%	
	2040			112,934	0.7%				18.2	0.7%				22.8	0.5%	
	2041			113,153	0.2%				18.3	0.3%				22.9	0.4%	
	2042			113,684	0.5%				18.4	0.5%				23.0	0.5%	
CAGR ^[3]	2013-2022		0.4%		0.0%			0.3%		0.3%			2.4%		-0.2%	
	2023-2032				0.3%					0.4%					0.3%	
	2033-2042				0.5%					0.5%					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 2023 Load Forecast - Base Case

Clewiston

2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	100,568	-	100,568	-	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	21.3	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	24.4	25.6	18.8	21.1	18.8	21.1
	2017	106,621	-2.5%	106,621	-2.5%	21.3	26.7	26.0	26.7	16.7	22.4	16.7	22.4
	2018	105,307	-1.2%	105,307	-1.2%	16.8	24.8	20.2	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%	107,264	-0.3%	20.6	28.7	24.1	28.7	18.2	21.7	18.2	21.7
	2021	106,026	-1.2%	106,026	-1.2%	27.9	26.2	27.9	26.2	14.7	20.2	14.7	20.2
	2022	104,148	-1.8%	105,006	-1.0%	18.3	29.2	20.9	27.2	15.2	24.5	16.5	21.8
Projected	2023	105,215	1.0%	106,631	1.5%	20.3	27.2	21.5	27.6	16.9	21.4	16.8	22.1
	2024	106,122	0.9%	107,659	1.0%	20.5	27.4	21.7	27.7	17.1	21.5	17.0	22.2
	2025	106,129	0.0%	107,875	0.2%	20.5	27.4	21.8	27.8	17.1	21.5	17.0	22.3
	2026	106,243	0.1%	108,377	0.5%	20.5	27.4	21.9	28.0	17.1	21.6	17.1	22.4
	2027	106,571	0.3%	108,951	0.5%	20.6	27.5	22.1	28.1	17.2	21.6	17.2	22.5
	2028	107,072	0.5%	109,654	0.6%	20.7	27.6	22.2	28.2	17.3	21.7	17.3	22.6
	2029	107,034	0.0%	109,694	0.0%	20.7	27.6	22.2	28.3	17.3	21.7	17.3	22.7
	2030	107,364	0.3%	110,049	0.3%	20.8	27.7	22.3	28.4	17.3	21.8	17.4	22.7
	2031	107,811	0.4%	110,484	0.4%	20.9	27.9	22.4	28.5	17.4	21.9	17.5	22.8
	2032	108,574	0.7%	111,222	0.7%	21.0	28.0	22.5	28.6	17.5	22.0	17.6	22.9
	2033	108,763	0.2%	111,360	0.1%	21.1	28.1	22.6	28.7	17.6	22.1	17.6	23.0
	2034	109,296	0.5%	111,789	0.4%	21.2	28.2	22.7	28.9	17.7	22.2	17.7	23.1
	2035	109,848	0.5%	112,186	0.4%	21.3	28.4	22.8	29.0	17.8	22.3	17.8	23.2
	2036	110,703	0.8%	112,864	0.6%	21.5	28.5	22.8	29.1	17.9	22.4	17.9	23.3
	2037	110,979	0.2%	112,933	0.1%	21.5	28.7	22.9	29.1	17.9	22.5	17.9	23.3
	2038	111,527	0.5%	113,287	0.3%	21.6	28.8	23.0	29.2	18.0	22.6	17.9	23.4
	2039	112,100	0.5%	113,702	0.4%	21.7	29.0	23.1	29.4	18.1	22.7	18.0	23.5
	2040	112,934	0.7%	114,412	0.6%	21.9	29.1	23.2	29.5	18.2	22.8	18.1	23.6
	2041	113,153	0.2%	114,523	0.1%	21.9	29.2	23.3	29.6	18.3	22.9	18.2	23.7
	2042	113,684	0.5%			22.0	29.4			18.4	23.0		
CAGR [1]	Historical		0.4%		0.7%	-2.5%	1.9%	2.5%	0.8%	-0.6%	1.7%	-1.1%	-0.8%
	1st 10 Prj Yrs		0.3%		0.6%	0.4%	0.3%	0.8%	0.5%	0.4%	0.3%	0.6%	0.5%
	2nd 10 Prj Yrs		0.5%		0.3%	0.5%	0.5%	0.4%	0.4%	0.5%	0.5%	0.4%	0.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	9,898	8,111	6,757	107,821	107,264
	2021	6,639	7,214	7,796	8,106	9,912	10,467	10,472	10,955	9,698	9,318	6,708	7,328	104,614	106,026
	2022	6,851	6,385	7,933	8,217	9,589	10,222	10,696	11,020	9,879	9,464	7,161	7,189	104,607	104,148
Projected	2023	7,170	7,019	7,606	8,136	9,521	10,669	10,337	10,686	10,258	9,538	7,217	7,241	105,398	105,215
	2024	7,221	7,343	7,656	8,187	9,576	10,724	10,384	10,733	10,302	9,578	7,246	7,272	106,222	106,122
	2025	7,249	7,094	7,679	8,210	9,599	10,744	10,399	10,746	10,312	9,586	7,252	7,279	106,150	106,129
	2026	7,254	7,100	7,683	8,215	9,606	10,756	10,412	10,765	10,334	9,609	7,270	7,302	106,306	106,243
	2027	7,278	7,124	7,708	8,243	9,640	10,791	10,444	10,798	10,363	9,635	7,289	7,323	106,637	106,571
	2028	7,298	7,421	7,725	8,260	9,658	10,810	10,460	10,815	10,379	9,651	7,301	7,341	107,120	107,072
	2029	7,316	7,162	7,742	8,280	9,682	10,834	10,482	10,840	10,403	9,674	7,319	7,364	107,096	107,034
	2030	7,338	7,185	7,765	8,306	9,713	10,869	10,515	10,877	10,439	9,708	7,345	7,397	107,459	107,364
	2031	7,371	7,218	7,797	8,340	9,755	10,915	10,558	10,923	10,483	9,749	7,376	7,435	107,919	107,811
	2032	7,408	7,537	7,831	8,377	9,799	10,963	10,601	10,970	10,527	9,790	7,405	7,472	108,681	108,574
Projected	2033	7,444	7,289	7,865	8,414	9,842	11,010	10,644	11,017	10,571	9,836	7,441	7,512	108,885	108,763
	2034	7,484	7,328	7,903	8,455	9,891	11,063	10,693	11,069	10,620	9,885	7,478	7,554	109,424	109,296
	2035	7,525	7,367	7,945	8,499	9,941	11,118	10,744	11,123	10,670	9,933	7,516	7,595	109,975	109,848
	2036	7,565	7,696	7,987	8,543	9,993	11,174	10,797	11,180	10,724	9,984	7,556	7,638	110,837	110,703
	2037	7,608	7,447	8,030	8,588	10,044	11,230	10,847	11,233	10,773	10,028	7,590	7,677	111,096	110,979
	2038	7,646	7,485	8,071	8,631	10,095	11,286	10,900	11,291	10,828	10,076	7,627	7,720	111,655	111,527
	2039	7,689	7,526	8,113	8,676	10,148	11,343	10,953	11,348	10,882	10,123	7,663	7,761	112,224	112,100
	2040	7,729	7,863	8,152	8,718	10,197	11,396	11,002	11,400	10,930	10,168	7,697	7,801	113,053	112,934
	2041	7,768	7,603	8,190	8,758	10,244	11,447	11,049	11,451	10,978	10,212	7,730	7,840	113,270	113,153
	2042	7,809	7,642	8,230	8,800	10,293	11,501	11,098	11,503	11,027	10,257	7,764	7,879	113,802	113,684

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	6.8%	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%	9.8%	10.2%	9.4%	6.8%	6.6%	100.0%
	2020	6.4%	6.3%	7.6%	8.1%	8.5%	9.6%	10.0%	10.5%	10.1%	9.2%	7.5%	6.3%	100.0%
	2021	6.3%	6.9%	7.5%	7.7%	9.5%	10.0%	10.0%	10.5%	9.3%	8.9%	6.4%	7.0%	100.0%
	2022	6.5%	6.1%	7.6%	7.9%	9.2%	9.8%	10.2%	10.5%	9.4%	9.0%	6.8%	6.9%	100.0%
Projected	2023	6.8%	6.7%	7.2%	7.7%	9.0%	10.1%	9.8%	10.1%	9.7%	9.0%	6.8%	6.9%	100.0%
	2024	6.8%	6.9%	7.2%	7.7%	9.0%	10.1%	9.8%	10.1%	9.7%	9.0%	6.8%	6.8%	100.0%
	2025	6.8%	6.7%	7.2%	7.7%	9.0%	10.1%	9.8%	10.1%	9.7%	9.0%	6.8%	6.9%	100.0%
	2026	6.8%	6.7%	7.2%	7.7%	9.0%	10.1%	9.8%	10.1%	9.7%	9.0%	6.8%	6.9%	100.0%
	2027	6.8%	6.7%	7.2%	7.7%	9.0%	10.1%	9.8%	10.1%	9.7%	9.0%	6.8%	6.9%	100.0%
	2028	6.8%	6.9%	7.2%	7.7%	9.0%	10.1%	9.8%	10.1%	9.7%	9.0%	6.8%	6.9%	100.0%
	2029	6.8%	6.7%	7.2%	7.7%	9.0%	10.1%	9.8%	10.1%	9.7%	9.0%	6.8%	6.9%	100.0%
	2030	6.8%	6.7%	7.2%	7.7%	9.0%	10.1%	9.8%	10.1%	9.7%	9.0%	6.8%	6.9%	100.0%
	2031	6.8%	6.7%	7.2%	7.7%	9.0%	10.1%	9.8%	10.1%	9.7%	9.0%	6.8%	6.9%	100.0%
	2032	6.8%	6.9%	7.2%	7.7%	9.0%	10.1%	9.8%	10.1%	9.7%	9.0%	6.8%	6.9%	100.0%
Avg.	2013-2022	6.6%	6.4%	7.2%	8.0%	9.1%	9.9%	9.9%	10.3%	9.6%	9.1%	7.1%	6.9%	100.0%
	2023-2032	6.8%	6.8%	7.2%	7.7%	9.0%	10.1%	9.8%	10.1%	9.7%	9.0%	6.8%	6.9%	100.0%

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FMPA 2023 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	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	20.2	17.9	14.4	20.6	28.7
	2021	14.8	27.9	18.0	19.7	21.5	26.2	21.5	22.2	20.5	23.3	18.3	15.2	27.9	26.2
	2022	15.6	16.2	17.4	19.3	20.2	25.6	29.2	21.4	21.6	23.1	19.3	15.5	18.3	29.2
Projected	2023	20.3	16.3	16.8	19.5	20.5	27.2	22.6	23.6	24.9	21.6	18.1	15.7	20.3	27.2
	2024	20.5	16.4	16.9	19.6	20.6	27.4	22.7	23.7	25.1	21.7	18.2	15.7	20.5	27.4
	2025	20.5	16.5	16.9	19.6	20.6	27.4	22.7	23.7	25.1	21.7	18.2	15.7	20.5	27.4
	2026	20.5	16.5	17.0	19.6	20.6	27.4	22.7	23.8	25.1	21.7	18.2	15.8	20.5	27.4
	2027	20.6	16.5	17.0	19.7	20.7	27.5	22.8	23.8	25.2	21.8	18.3	15.8	20.6	27.5
	2028	20.7	16.6	17.1	19.7	20.8	27.6	22.8	23.9	25.3	21.9	18.4	15.9	20.7	27.6
	2029	20.7	16.6	17.1	19.8	20.8	27.6	22.9	23.9	25.3	21.9	18.4	15.9	20.7	27.6
	2030	20.8	16.7	17.2	19.9	20.9	27.7	23.0	24.0	25.4	22.0	18.5	16.0	20.8	27.7
	2031	20.9	16.8	17.3	20.0	21.0	27.9	23.1	24.1	25.5	22.1	18.6	16.1	20.9	27.9
	2032	21.0	16.9	17.4	20.1	21.1	28.0	23.2	24.2	25.6	22.2	18.7	16.2	21.0	28.0
Projected	2033	21.1	16.9	17.5	20.2	21.2	28.1	23.3	24.3	25.7	22.3	18.8	16.2	21.1	28.1
	2034	21.2	17.0	17.6	20.3	21.3	28.2	23.4	24.5	25.9	22.5	18.9	16.3	21.2	28.2
	2035	21.3	17.1	17.7	20.4	21.4	28.4	23.5	24.6	26.0	22.6	19.0	16.4	21.3	28.4
	2036	21.5	17.2	17.8	20.5	21.5	28.5	23.6	24.7	26.1	22.7	19.2	16.5	21.5	28.5
	2037	21.5	17.3	17.9	20.6	21.7	28.7	23.7	24.8	26.3	22.8	19.3	16.6	21.5	28.7
	2038	21.6	17.3	18.0	20.7	21.8	28.8	23.9	25.0	26.4	22.9	19.4	16.6	21.6	28.8
	2039	21.7	17.4	18.1	20.8	21.9	29.0	24.0	25.1	26.5	23.1	19.5	16.8	21.7	29.0
	2040	21.9	17.6	18.3	20.9	22.0	29.1	24.1	25.2	26.7	23.2	19.6	16.8	21.9	29.1
	2041	21.9	17.6	18.4	21.1	22.1	29.2	24.2	25.3	26.8	23.3	19.7	16.9	21.9	29.2
	2042	22.0	17.7	18.5	21.2	22.2	29.4	24.3	25.4	26.9	23.4	19.8	17.0	22.0	29.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	65.9%	62.8%	62.9%	59.6%	42.7%
	2021	60.5%	38.5%	58.3%	57.3%	61.8%	55.5%	65.4%	66.4%	65.7%	53.8%	50.9%	65.0%	42.9%	46.2%
	2022	59.2%	58.5%	61.4%	59.2%	63.7%	55.5%	49.2%	69.1%	63.4%	55.1%	51.5%	62.2%	65.3%	40.7%
Projected	2023	47.5%	64.2%	60.8%	58.0%	62.5%	54.4%	61.6%	60.9%	57.1%	59.5%	55.5%	62.1%	59.3%	44.1%
	2024	47.4%	64.2%	60.9%	58.1%	62.6%	54.4%	61.6%	60.9%	57.1%	59.4%	55.4%	62.2%	59.2%	44.3%
	2025	47.5%	64.1%	60.9%	58.2%	62.6%	54.5%	61.6%	60.9%	57.1%	59.4%	55.4%	62.2%	59.0%	44.2%
	2026	47.5%	64.1%	60.8%	58.1%	62.5%	54.4%	61.6%	60.9%	57.1%	59.4%	55.4%	62.2%	59.1%	44.2%
	2027	47.5%	64.1%	60.8%	58.1%	62.5%	54.4%	61.6%	60.9%	57.1%	59.4%	55.3%	62.1%	59.1%	44.2%
	2028	47.4%	64.2%	60.8%	58.1%	62.5%	54.4%	61.6%	60.9%	57.1%	59.3%	55.3%	62.2%	59.1%	44.3%
	2029	47.4%	64.1%	60.7%	58.1%	62.5%	54.4%	61.6%	60.9%	57.1%	59.3%	55.2%	62.2%	59.0%	44.2%
	2030	47.4%	64.1%	60.6%	58.0%	62.5%	54.4%	61.5%	60.9%	57.1%	59.3%	55.2%	62.2%	59.0%	44.2%
	2031	47.4%	64.1%	60.5%	58.0%	62.4%	54.4%	61.5%	60.9%	57.1%	59.3%	55.1%	62.1%	59.0%	44.2%
	2032	47.3%	64.2%	60.4%	58.0%	62.4%	54.4%	61.5%	60.8%	57.0%	59.2%	55.0%	62.1%	59.0%	44.3%
Avg.	2013-2022	55.2%	53.9%	60.0%	60.0%	62.6%	57.1%	61.0%	63.2%	60.2%	58.3%	57.2%	62.4%	56.9%	45.1%
	2023-2032	47.4%	64.1%	60.7%	58.1%	62.5%	54.4%	61.6%	60.9%	57.1%	59.3%	55.3%	62.2%	59.1%	44.2%

FMPA 2023 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	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	19.9	21.6	18.8	15.5	26.8	21.3	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	20.2	16.8	11.3	18.2	21.7
	2021	10.6	14.7	15.8	19.4	21.5	21.1	20.9	20.2	20.4	18.7	11.9	14.8	14.7	20.2
	2022	15.2	10.1	16.9	18.9	18.1	24.5	17.9	20.6	20.8	20.9	16.3	13.3	15.2	24.5
Projected	2023	16.9	13.1	16.2	18.4	19.4	23.9	19.7	21.4	22.5	19.5	15.2	13.4	16.9	21.4
	2024	17.1	13.2	16.3	18.5	19.5	24.0	19.8	21.5	22.6	19.6	15.3	13.5	17.1	21.5
	2025	17.1	13.2	16.4	18.5	19.6	24.0	19.8	21.5	22.7	19.7	15.3	13.5	17.1	21.5
	2026	17.1	13.2	16.4	18.5	19.6	24.1	19.8	21.6	22.7	19.7	15.4	13.5	17.1	21.6
	2027	17.2	13.3	16.5	18.6	19.7	24.1	19.9	21.6	22.8	19.8	15.4	13.6	17.2	21.6
	2028	17.3	13.3	16.5	18.6	19.7	24.2	19.9	21.7	22.8	19.8	15.5	13.6	17.3	21.7
	2029	17.3	13.3	16.6	18.7	19.8	24.2	20.0	21.7	22.9	19.9	15.5	13.6	17.3	21.7
	2030	17.3	13.4	16.6	18.8	19.8	24.3	20.0	21.8	22.9	19.9	15.6	13.7	17.3	21.8
	2031	17.4	13.4	16.7	18.9	19.9	24.4	20.1	21.9	23.0	20.0	15.7	13.8	17.4	21.9
	2032	17.5	13.5	16.8	18.9	20.0	24.5	20.2	22.0	23.1	20.1	15.8	13.8	17.5	22.0
Projected	2033	17.6	13.6	16.9	19.0	20.1	24.6	20.3	22.1	23.2	20.2	15.9	13.9	17.6	22.1
	2034	17.7	13.7	17.0	19.1	20.2	24.7	20.4	22.2	23.3	20.3	16.0	14.0	17.7	22.2
	2035	17.8	13.7	17.1	19.2	20.3	24.9	20.5	22.3	23.5	20.5	16.0	14.1	17.8	22.3
	2036	17.9	13.8	17.2	19.3	20.5	25.0	20.6	22.4	23.6	20.6	16.1	14.1	17.9	22.4
	2037	17.9	13.9	17.3	19.4	20.6	25.1	20.7	22.5	23.7	20.7	16.2	14.2	17.9	22.5
	2038	18.0	13.9	17.4	19.6	20.7	25.2	20.8	22.6	23.8	20.8	16.3	14.3	18.0	22.6
	2039	18.1	14.0	17.5	19.7	20.8	25.3	20.9	22.7	23.9	20.9	16.4	14.4	18.1	22.7
	2040	18.2	14.1	17.6	19.8	20.9	25.5	21.0	22.8	24.0	21.0	16.5	14.4	18.2	22.8
	2041	18.3	14.1	17.7	19.9	21.0	25.6	21.1	22.9	24.2	21.1	16.6	14.5	18.3	22.9
	2042	18.4	14.2	17.8	20.0	21.1	25.7	21.2	23.0	24.3	21.2	16.7	14.5	18.4	23.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	100.0%	93.7%	78.0%	88.0%	75.5%
	2021	72.2%	52.9%	88.1%	98.6%	100.0%	80.4%	97.2%	91.1%	99.6%	80.6%	65.2%	97.7%	52.9%	77.1%
	2022	97.7%	62.2%	97.4%	98.0%	89.7%	95.8%	61.4%	95.9%	96.3%	90.6%	84.2%	85.7%	83.0%	83.9%
Projected	2023	83.3%	80.2%	96.6%	94.4%	94.9%	87.6%	87.3%	90.7%	90.3%	90.6%	84.2%	85.7%	83.3%	78.6%
	2024	83.3%	80.2%	96.6%	94.4%	94.9%	87.6%	87.3%	90.7%	90.3%	90.6%	84.2%	85.7%	83.3%	78.5%
	2025	83.3%	80.2%	96.6%	94.4%	94.9%	87.6%	87.3%	90.7%	90.3%	90.6%	84.2%	85.7%	83.3%	78.5%
	2026	83.3%	80.2%	96.6%	94.4%	94.9%	87.6%	87.3%	90.7%	90.3%	90.6%	84.2%	85.7%	83.3%	78.5%
	2027	83.3%	80.2%	96.6%	94.4%	94.9%	87.6%	87.3%	90.7%	90.3%	90.6%	84.2%	85.7%	83.3%	78.5%
	2028	83.3%	80.2%	96.6%	94.4%	94.9%	87.6%	87.3%	90.7%	90.3%	90.6%	84.2%	85.7%	83.3%	78.5%
	2029	83.3%	80.2%	96.6%	94.4%	94.9%	87.6%	87.3%	90.7%	90.3%	90.6%	84.2%	85.7%	83.3%	78.5%
	2030	83.3%	80.2%	96.6%	94.4%	94.9%	87.6%	87.3%	90.6%	90.3%	90.6%	84.2%	85.7%	83.3%	78.5%
	2031	83.3%	80.2%	96.6%	94.4%	94.9%	87.6%	87.3%	90.6%	90.3%	90.6%	84.2%	85.7%	83.3%	78.5%
	2032	83.3%	80.2%	96.6%	94.4%	94.9%	87.6%	87.2%	90.6%	90.3%	90.6%	84.2%	85.7%	83.3%	78.5%
	2013-2022	79.2%	81.4%	94.9%	94.5%	94.9%	83.9%	86.5%	88.7%	88.2%	88.9%	85.3%	87.5%	81.9%	80.6%
	2023-2032	83.3%	80.2%	96.6%	94.4%	94.9%	87.6%	87.3%	90.7%	90.3%	90.6%	84.2%	85.7%	83.3%	78.5%

FMPA 2023 Load Forecast - Base Case - Clewiston

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV)
(Fiscal Year 2013-2042)

		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	(MWh)	% Chg	(MWh)	% Chg	(MWh)	% Chg
Historical	2013	45,414		3,351		13,552		7,837		499		15.7		36,033		127		284		2,582		387		92,253		8,315	8.3%	100,568		
	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	-0.5%	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%	
	2021	52,416	-2.0%	3,556	0.6%	14,742	-2.6%	8,793	0.7%	498	1.2%	17.7	-0.5%	37,107	3.4%	139	1.6%	268	1.7%	1,845	114.5%	313	-13.5%	100,474	1.1%	5,551	5.2%	106,026	-1.2%	
	2022	51,195	-2.3%	3,534	-0.6%	14,485	-1.7%	9,339	6.2%	514	3.1%	18.2	3.0%	36,024	-2.9%	139	0.1%	260	-3.0%	699	-62.1%	149	-52.6%	97,406	-3.1%	6,743	6.5%	104,148	-1.8%	
Projected	2023	51,003	-0.4%	3,556	0.6%	14,342	-1.0%	9,411	0.8%	524	2.0%	18.0	-1.2%	36,814	2.2%	143	3.2%	257	-0.9%	1,135	62.3%	149	0.0%	98,512	1.1%	6,749	6.4%	105,261	1.1%	
	2024	51,106	0.2%	3,568	0.3%	14,324	-0.1%	9,532	1.3%	520	-0.8%	18.3	2.1%	37,223	1.1%	146	2.0%	255	-0.9%	1,135	0.0%	149	0.0%	99,145	0.6%	7,063	6.7%	106,208	0.9%	
	2025	51,101	0.0%	3,578	0.3%	14,283	-0.3%	9,662	1.4%	519	-0.1%	18.6	1.5%	37,407	0.5%	148	1.3%	253	-0.8%	1,135	0.0%	149	0.0%	99,453	0.3%	6,806	6.4%	106,260	0.0%	
	2026	51,083	0.0%	3,587	0.3%	14,242	-0.3%	9,776	1.2%	520	0.1%	18.8	1.1%	37,467	0.2%	150	1.2%	250	-1.0%	1,135	0.0%	149	0.0%	99,609	0.2%	6,817	6.4%	106,426	0.2%	
	2027	51,275	0.4%	3,595	0.2%	14,263	0.1%	9,899	1.2%	521	0.2%	19.0	1.0%	37,515	0.1%	152	1.2%	248	-1.1%	1,135	0.0%	149	0.0%	99,972	0.4%	6,843	6.4%	106,815	0.4%	
	2028	51,326	0.1%	3,603	0.2%	14,246	-0.1%	10,047	1.5%	523	0.3%	19.2	1.2%	37,594	0.2%	154	1.5%	244	-1.2%	1,135	0.0%	149	0.0%	100,251	0.3%	7,139	6.6%	107,390	0.5%	
	2029	51,392	0.1%	3,610	0.2%	14,235	-0.1%	10,201	1.5%	525	0.4%	19.4	1.2%	37,677	0.2%	156	1.5%	241	-1.2%	1,135	0.0%	149	0.0%	100,553	0.3%	6,883	6.4%	107,436	0.0%	
	2030	51,550	0.3%	3,617	0.2%	14,251	0.1%	10,357	1.5%	526	0.4%	19.7	1.2%	37,764	0.2%	158	1.5%	238	-1.2%	1,135	0.0%	149	0.0%	100,954	0.4%	6,912	6.4%	107,866	0.4%	
	2031	51,831	0.5%	3,624	0.2%	14,304	0.4%	10,513	1.5%	528	0.4%	19.9	1.1%	37,850	0.2%	161	1.4%	236	-1.2%	1,135	0.0%	149	0.0%	101,477	0.5%	6,949	6.4%	108,426	0.5%	
	2032	52,153	0.6%	3,629	0.2%	14,371	0.5%	10,668	1.5%	530	0.3%	20.1	1.1%	37,940	0.2%	163	1.4%	233	-1.2%	1,135	0.0%	149	0.0%	102,045	0.6%	7,271	6.7%	109,315	0.8%	
	2033	52,477	0.6%	3,634	0.1%	14,439	0.5%	10,824	1.5%	532	0.3%	20.3	1.1%	38,030	0.2%	165	1.4%	230	-1.1%	1,135	0.0%	149	0.0%	102,614	0.6%	7,027	6.4%	109,641	0.3%	
	2034	52,813	0.6%	3,639	0.1%	14,512	0.5%	10,983	1.5%	534	0.3%	20.6	1.1%	38,115	0.2%	168	1.4%	227	-1.2%	1,135	0.0%	149	0.0%	103,194	0.6%	7,067	6.4%	110,261	0.6%	
	2035	53,137	0.6%	3,644	0.1%	14,581	0.5%	11,143	1.5%	536	0.3%	20.8	1.1%	38,201	0.2%	170	1.4%	225	-1.1%	1,135	0.0%	149	0.0%	103,764	0.6%	7,106	6.4%	110,870	0.6%	
	2036	53,459	0.6%	3,649	0.1%	14,650	0.5%	11,304	1.4%	537	0.3%	21.0	1.1%	38,287	0.2%	172	1.4%	222	-1.1%	1,135	0.0%	149	0.0%	104,333	0.5%	7,435	6.7%	111,768	0.8%	
	2037	53,778	0.6%	3,653	0.1%	14,721	0.5%	11,465	1.4%	539	0.3%	21.3	1.1%	38,371	0.2%	174	1.3%	220	-1.1%	1,135	0.0%	149	0.0%	104,897	0.5%	7,184	6.4%	112,081	0.3%	
	2038	54,090	0.6%	3,657	0.1%	14,789	0.5%	11,629	1.4%	541	0.3%	21.5	1.1%	38,457	0.2%	177	1.3%	218	-1.1%	1,135	0.0%	149	0.0%	105,459	0.5%	7,223	6.4%	112,682	0.5%	
	2039	54,456	0.7%	3,662	0.1%	14,871	0.6%	11,791	1.4%	543	0.3%	21.7	1.1%	38,539	0.2%	179	1.3%	215	-1.1%	1,135	0.0%	149	0.0%	106,069	0.6%	7,266	6.4%	113,335	0.6%	
	2040	54,807	0.6%	3,666	0.1%	14,950	0.5%	11,956	1.4%	544	0.3%	22.0	1.1%	38,620	0.2%	181	1.3%	213	-1.1%	1,135	0.0%	149	0.0%	106,666	0.6%	7,603	6.7%	114,269	0.8%	
	2041	55,140	0.6%	3,670	0.1%	15,025	0.5%	12,118	1.4%	546	0.3%	22.2	1.0%	38,695	0.2%	184	1.3%	211	-1.1%	1,135	0.0%	149	0.0%	107,237	0.5%	7,346	6.4%	114,583	0.3%	
		2042	55,485	0.6%	3,674	0.1%	15,102	0.5%	12,281	1.3%	548	0.3%	22.4	1.0%	38,774	0.2%	186	1.3%	208	-1.1%	1,135	0.0%	149	0.0%	107,824	0.5%	7,387	6.4%	115,211	0.5%
CAGR	2013-2022		1.3%		0.6%		0.7%		2.0%		0.3%		1.7%		0.0%		1.0%		-1.0%		-13.5%		-10.1%		0.6%		6.8%		0.4%	
	2023-2032		0.2%		0.2%		0.0%		1.4%		0.1%		1.3%		0.3%		1.5%		-1.1%		0.0%		0.0%		0.4%		6.5%		0.4%	
	2033-2042		0.6%		0.1%		0.5%		1.4%		0.3%		1.1%		0.2%		1.3%		-1.1%		0.0%		0.0%		0.6%		6.5%		0.6%	

CAGR - Compound Average Growth Rate.

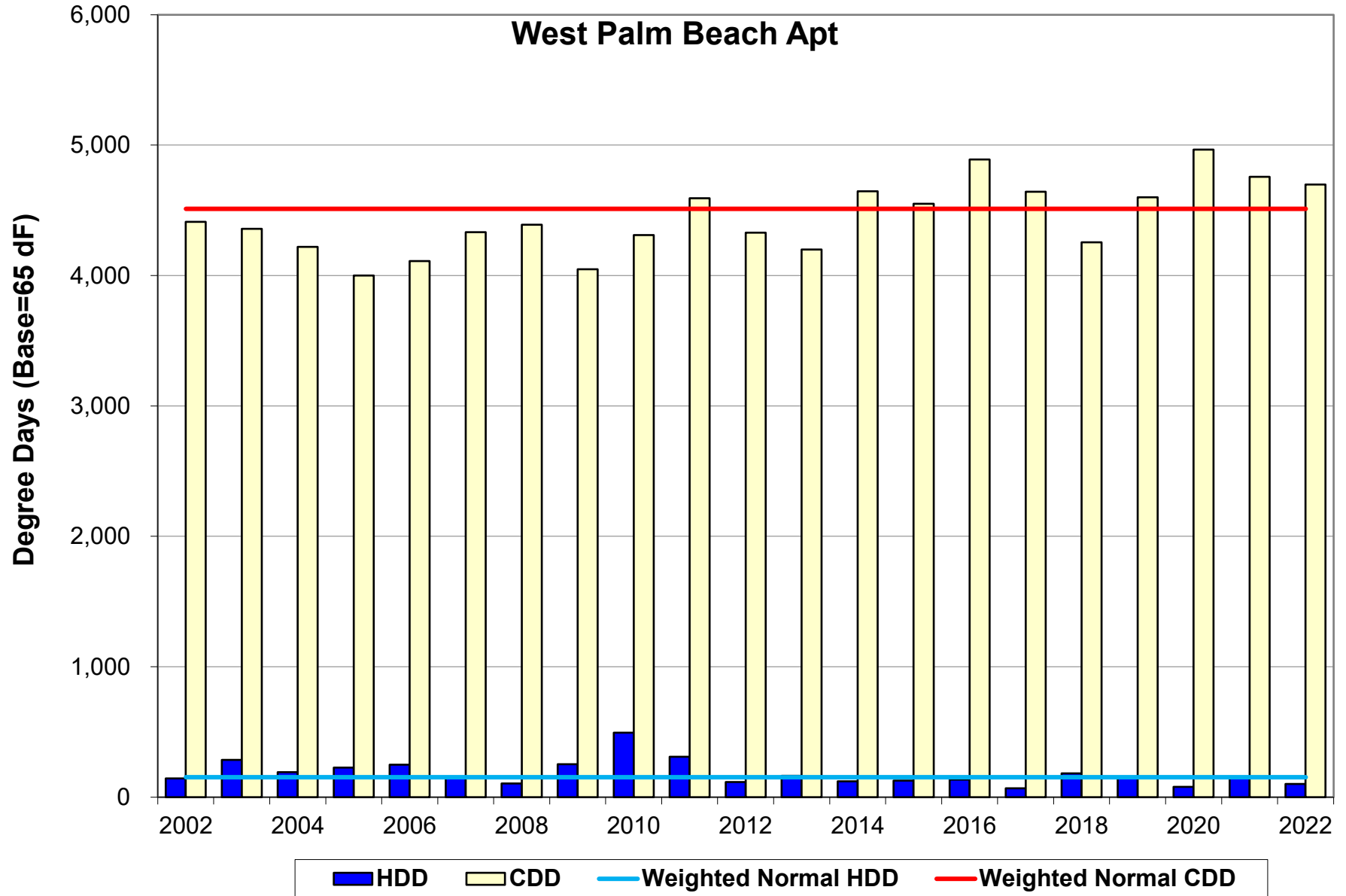
FMPA 2023 Load Forecast

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
2002	36.0	-	11.1	-	15.7	-	1.09	-	1,230	-	945	-	85,132	-
2003	36.1	0.3%	11.3	1.5%	15.8	0.1%	1.14	5.0%	1,171	-4.8%	898	-4.9%	79,722	-6.4%
2004	36.9	2.1%	11.5	1.8%	16.7	5.9%	1.17	2.0%	1,136	-3.0%	919	2.4%	80,191	0.6%
2005	38.2	3.5%	11.9	3.7%	17.6	5.7%	1.22	4.4%	1,152	1.4%	961	4.5%	80,804	0.8%
2006	38.8	1.5%	12.0	1.2%	18.6	5.2%	1.10	-9.7%	1,341	16.4%	1,015	5.6%	84,309	4.3%
2007	39.0	0.6%	12.2	0.9%	19.2	3.6%	1.22	11.3%	1,485	10.7%	1,006	-0.9%	82,781	-1.8%
2008	39.2	0.4%	12.1	-0.1%	18.2	-5.1%	1.02	-17.1%	1,321	-11.0%	962	-4.4%	79,239	-4.3%
2009	39.0	-0.4%	12.0	-0.9%	17.4	-4.9%	1.04	2.2%	1,287	-2.6%	985	2.4%	81,811	3.2%
2010	39.0	0.0%	12.0	-0.1%	17.0	-1.9%	0.44	-58.1%	1,189	-7.6%	1,058	7.4%	87,984	7.5%
2011	38.7	-0.9%	12.0	-0.1%	17.2	1.1%	0.42	-3.7%	1,195	0.5%	1,026	-3.0%	85,435	-2.9%
2012	37.2	-3.7%	12.0	0.2%	17.4	1.2%	0.47	11.2%	1,173	-1.8%	1,044	1.7%	86,727	1.5%
2013	36.9	-1.0%	12.1	0.8%	18.5	6.2%	0.49	4.5%	1,252	6.7%	1,096	5.0%	90,275	4.1%
2014	37.2	1.0%	12.2	0.4%	18.7	1.0%	0.50	3.1%	1,143	-8.7%	1,088	-0.8%	89,257	-1.1%
2015	37.7	1.2%	12.3	0.7%	18.4	-1.3%	0.51	1.0%	1,149	0.5%	1,156	6.3%	94,189	5.5%
2016	38.2	1.4%	12.4	0.8%	18.9	2.8%	0.49	-3.4%	1,158	0.8%	1,145	-1.0%	92,536	-1.8%
2017	38.9	1.7%	12.3	-0.3%	19.7	4.0%	0.49	0.0%	1,108	-4.3%	1,182	3.3%	95,845	3.6%
2018	38.8	-0.2%	12.4	0.1%	19.7	0.1%	0.52	5.1%	1,143	3.2%	1,180	-0.2%	95,504	-0.4%
2019	39.3	1.2%	12.4	0.1%	19.9	0.8%	0.44	-14.6%	1,187	3.8%	1,222	3.5%	98,747	3.4%
2020	39.7	1.1%	12.3	-0.6%	19.4	-2.4%	0.42	-5.2%	1,226	3.3%	1,368	12.0%	111,234	12.6%
2021	40.1	0.9%	12.6	2.6%	20.0	3.1%	0.42	1.0%	1,249	1.9%	1,297	-5.2%	102,698	-7.7%
2022	40.4	0.8%	12.8	1.3%	20.3	1.6%	0.42	-0.1%	1,267	1.5%	1,308	0.9%	102,319	-0.4%
2023	40.7	0.8%	12.9	1.2%	20.6	1.6%	0.42	-0.4%	1,285	1.4%	1,320	0.9%	102,035	-0.3%
2024	41.0	0.8%	13.1	1.1%	20.8	1.1%	0.41	-1.2%	1,307	1.7%	1,353	2.5%	103,435	1.4%
2025	41.3	0.8%	13.2	1.0%	21.1	1.1%	0.41	-1.1%	1,330	1.7%	1,386	2.5%	104,909	1.4%
2026	41.6	0.7%	13.3	0.9%	21.3	1.0%	0.40	-1.3%	1,352	1.6%	1,419	2.4%	106,451	1.5%
2027	41.9	0.7%	13.4	0.8%	21.5	0.9%	0.40	-1.3%	1,374	1.7%	1,452	2.4%	108,047	1.5%
2028	42.2	0.7%	13.5	0.8%	21.6	0.9%	0.39	-1.3%	1,397	1.7%	1,486	2.3%	109,705	1.5%
2029	42.5	0.7%	13.7	0.8%	21.8	0.9%	0.39	-1.2%	1,420	1.7%	1,521	2.3%	111,427	1.6%
2030	42.8	0.7%	13.7	0.7%	22.1	0.9%	0.38	-1.2%	1,444	1.7%	1,556	2.3%	113,213	1.6%
2031	43.0	0.6%	13.8	0.6%	22.3	0.9%	0.38	-1.2%	1,467	1.6%	1,591	2.2%	115,036	1.6%
2032	43.3	0.6%	13.9	0.6%	22.5	1.0%	0.37	-1.4%	1,490	1.6%	1,626	2.2%	116,922	1.6%
2033	43.5	0.6%	14.0	0.5%	22.7	0.9%	0.37	-1.4%	1,514	1.6%	1,662	2.2%	118,848	1.6%
2034	43.8	0.6%	14.1	0.5%	22.9	0.9%	0.36	-1.2%	1,539	1.6%	1,698	2.2%	120,807	1.6%
2035	44.0	0.6%	14.1	0.5%	23.1	0.9%	0.36	-1.6%	1,564	1.6%	1,735	2.2%	122,810	1.7%
2036	44.3	0.5%	14.2	0.4%	23.3	0.9%	0.35	-1.4%	1,588	1.6%	1,771	2.1%	124,841	1.7%
2037	44.5	0.5%	14.3	0.4%	23.5	0.8%	0.35	-1.4%	1,613	1.6%	1,809	2.1%	126,899	1.6%
2038	44.7	0.5%	14.3	0.4%	23.7	0.8%	0.34	-1.6%	1,639	1.6%	1,846	2.1%	128,970	1.6%
2039	45.0	0.5%	14.4	0.4%	23.9	0.8%	0.34	-1.4%	1,666	1.6%	1,885	2.1%	131,082	1.6%
2040	45.2	0.5%	14.4	0.4%	24.0	0.8%	0.33	-1.3%	1,692	1.6%	1,924	2.1%	133,207	1.6%
2041	45.4	0.5%	14.5	0.4%	24.2	0.7%	0.33	-1.4%	1,719	1.6%	1,962	2.0%	135,326	1.6%
2042	45.7	0.5%	14.6	0.4%	24.4	0.7%	0.32	-1.4%	1,747	1.6%	2,002	2.0%	137,430	1.6%
Average Percent Change														
2012-2022		0.8%	0.6%		1.5%		-1.0%		0.8%		2.3%		1.7%	
2023-2032		0.7%	0.8%		1.0%		-1.2%		1.7%		2.3%		1.5%	
2033-2042		0.5%	0.5%		0.8%		-1.4%		1.6%		2.1%		1.6%	



Fort Meade

FMPA 2023 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.
Historical	2013	40,645	-	42,089	-	3.6%	8.7	-	9.0	-	3.2%	7.8	-	8.2	-	4.5%
	2014	41,588	2.3%	42,557	1.1%	2.3%	9.3	6.8%	10.5	17.2%	13.2%	7.2	-8.3%	7.0	-14.3%	-2.3%
	2015	42,783	2.9%	42,730	0.4%	-0.1%	10.6	14.2%	9.9	-6.1%	-6.9%	9.4	30.0%	9.3	33.0%	0.0%
	2016	43,483	1.6%	42,675	-0.1%	-1.9%	7.8	-26.3%	9.4	-4.7%	20.3%	9.4	0.5%	9.3	-0.7%	-1.3%
	2017	41,077	-5.5%	40,841	-4.3%	-0.6%	6.7	-14.9%	6.5	-31.6%	-3.3%	9.2	-1.9%	9.9	6.2%	6.9%
	2018	42,163	2.6%	41,735	2.2%	-1.0%	11.8	76.5%	10.9	68.2%	-7.8%	8.9	-3.3%	9.4	-4.7%	5.3%
	2019	44,148	4.7%	43,697	4.7%	-1.0%	7.2	-38.5%	11.2	3.2%	54.6%	10.0	12.6%	9.8	4.3%	-2.5%
	2020	44,837	1.6%	44,059	0.8%	-1.7%	8.6	18.5%	11.0	-1.5%	28.5%	9.4	-6.2%	9.5	-3.4%	0.5%
	2021	45,006	0.4%	44,080	0.0%	-2.1%	10.0	16.5%	10.2	-7.1%	2.5%	9.8	4.5%	9.7	2.4%	-1.6%
	2022	44,259	-1.7%	43,407	-1.5%	-1.9%	11.4	14.5%	11.7	13.8%	1.8%	9.2	-6.8%	10.1	4.2%	10.0%
Projected	2023	44,364	0.2%	44,364	2.2%		10.6	-7.0%	10.6	-8.7%		9.5	3.8%	9.5	-5.6%	
	2024			44,280	-0.2%				10.7	0.1%				9.5	-0.5%	
	2025			43,958	-0.7%				10.6	-0.2%				9.4	-0.6%	
	2026			43,915	-0.1%				10.6	-0.3%				9.4	0.2%	
	2027			44,136	0.5%				10.7	0.7%				9.5	0.4%	
	2028			44,253	0.3%				10.7	0.1%				9.4	-0.2%	
	2029			44,113	-0.3%				10.7	0.2%				9.4	-0.2%	
	2030			44,142	0.1%				10.7	0.2%				9.4	-0.1%	
	2031			44,237	0.2%				10.8	0.4%				9.4	0.0%	
	2032			44,448	0.5%				10.8	0.2%				9.4	0.1%	
	2033			44,487	0.1%				10.9	0.7%				9.4	0.0%	
	2034			44,703	0.5%				10.9	0.5%				9.4	0.2%	
	2035			44,984	0.6%				11.0	0.5%				9.5	0.4%	
	2036			45,387	0.9%				11.0	0.3%				9.5	0.3%	
	2037			45,567	0.4%				11.1	0.6%				9.5	0.2%	
	2038			45,858	0.6%				11.1	0.4%				9.6	0.3%	
	2039			46,129	0.6%				11.2	0.6%				9.6	0.2%	
	2040			46,429	0.7%				11.2	0.2%				9.6	0.1%	
	2041			46,549	0.3%				11.3	0.7%				9.6	0.2%	
	2042			46,758	0.4%				11.3	0.5%				9.6	0.1%	
CAGR ^[3]	2013-2022		1.0%		0.3%			3.1%		2.9%			1.7%		2.3%	
	2023-2032				0.0%					0.2%					-0.1%	
	2033-2042				0.6%					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

FMPA 2023 Load Forecast - Base Case
Ft. Meade (Full Req'ts)
 2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	40,645	-	40,645	-	9.6	8.8	8.9	9.6	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%	42,783	2.9%	11.1	9.5	11.1	9.5	10.6	9.4	10.6	9.4
	2016	43,483	1.6%	43,483	1.6%	9.7	9.5	9.7	9.5	7.8	9.4	7.8	9.4
	2017	41,077	-5.5%	41,077	-5.5%	8.5	9.7	8.5	9.7	6.7	9.2	6.7	9.2
	2018	42,163	2.6%	42,163	2.6%	11.8	9.3	10.4	9.3	11.8	8.9	10.4	8.9
	2019	44,148	4.7%	44,148	4.7%	8.8	10.0	9.0	10.0	7.2	10.0	7.2	10.0
	2020	44,837	1.6%	44,837	1.6%	10.0	10.0	10.0	10.0	8.6	9.4	8.6	9.4
	2021	45,006	0.4%	45,006	0.4%	10.0	10.1	10.0	10.1	10.0	9.8	10.0	9.8
	2022	44,259	-1.7%	44,079	-2.1%	11.4	10.1	10.8	9.8	11.4	9.2	10.7	9.5
Projected	2023	44,364	0.2%	44,429	0.8%	10.6	9.8	10.9	9.9	10.6	9.5	10.8	9.6
	2024	44,280	-0.2%	44,731	0.7%	10.7	9.8	11.0	9.9	10.7	9.5	10.9	9.6
	2025	43,958	-0.7%	44,688	-0.1%	10.6	9.7	11.0	9.9	10.6	9.4	10.9	9.6
	2026	43,915	-0.1%	44,808	0.3%	10.6	9.8	11.1	9.9	10.6	9.4	10.9	9.6
	2027	44,136	0.5%	45,041	0.5%	10.7	9.8	11.1	10.0	10.7	9.5	11.0	9.7
	2028	44,253	0.3%	45,244	0.5%	10.7	9.8	11.2	10.0	10.7	9.4	11.1	9.7
	2029	44,113	-0.3%	45,145	-0.2%	10.7	9.8	11.2	10.0	10.7	9.4	11.1	9.7
	2030	44,142	0.1%	45,193	0.1%	10.7	9.8	11.3	10.0	10.7	9.4	11.1	9.7
	2031	44,237	0.2%	45,291	0.2%	10.8	9.8	11.3	10.0	10.8	9.4	11.2	9.7
	2032	44,448	0.5%	45,494	0.4%	10.8	9.8	11.4	10.1	10.8	9.4	11.2	9.7
	2033	44,487	0.1%	45,523	0.1%	10.9	9.9	11.4	10.1	10.9	9.4	11.3	9.8
	2034	44,703	0.5%	45,637	0.2%	11.0	9.9	11.5	10.1	10.9	9.4	11.4	9.8
	2035	44,984	0.6%	45,738	0.2%	11.0	10.0	11.6	10.1	11.0	9.5	11.4	9.8
	2036	45,387	0.9%	45,919	0.4%	11.1	10.0	11.6	10.2	11.0	9.5	11.5	9.8
	2037	45,567	0.4%	45,833	-0.2%	11.1	10.1	11.7	10.2	11.1	9.5	11.6	9.8
	2038	45,858	0.6%	45,862	0.1%	11.2	10.2	11.7	10.2	11.1	9.6	11.6	9.8
	2039	46,129	0.6%	45,924	0.1%	11.3	10.2	11.8	10.2	11.2	9.6	11.7	9.8
	2040	46,429	0.7%	46,041	0.3%	11.3	10.3	11.8	10.2	11.2	9.6	11.7	9.8
	2041	46,549	0.3%	46,116	0.2%	11.4	10.3	12.0	10.2	11.3	9.6	11.9	9.8
	2042	46,758	0.4%			11.4	10.4			11.3	9.6		
CAGR [1]	Historical		1.0%		1.3%	2.0%	1.5%	1.5%	0.6%	2.6%	3.1%	1.0%	4.6%
	1st 10 Prj Yrs		0.0%		0.3%	0.2%	0.0%	0.5%	0.3%	0.2%	-0.1%	0.5%	0.3%
	2nd 10 Prj Yrs		0.6%		0.2%	0.5%	0.5%	0.7%	0.1%	0.5%	0.2%	0.7%	0.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	4,036	3,145	3,430	45,237	44,837
	2021	3,337	3,041	3,276	3,401	4,155	4,135	4,343	4,622	4,086	3,874	2,799	3,110	44,179	45,006
	2022	3,527	2,912	3,263	3,425	4,186	4,161	4,573	4,595	3,833	3,789	3,129	3,287	44,679	44,259
Projected	2023	3,564	3,021	3,255	3,385	4,010	4,059	4,262	4,439	4,164	3,709	3,102	3,319	44,290	44,364
	2024	3,566	3,107	3,254	3,380	4,001	4,044	4,242	4,416	4,141	3,689	3,086	3,304	44,229	44,280
	2025	3,549	3,004	3,236	3,363	3,980	4,021	4,217	4,391	4,118	3,670	3,071	3,293	43,913	43,958
	2026	3,537	2,996	3,228	3,357	3,978	4,022	4,224	4,404	4,135	3,687	3,084	3,314	43,965	43,915
	2027	3,561	3,016	3,245	3,375	4,001	4,042	4,243	4,421	4,147	3,697	3,091	3,325	44,165	44,136
	2028	3,572	3,112	3,247	3,376	4,001	4,038	4,238	4,415	4,140	3,690	3,084	3,324	44,238	44,253
	2029	3,571	3,022	3,242	3,372	3,998	4,032	4,233	4,410	4,136	3,688	3,081	3,329	44,113	44,113
	2030	3,577	3,027	3,242	3,373	4,002	4,033	4,236	4,415	4,139	3,692	3,083	3,342	44,161	44,142
	2031	3,591	3,038	3,247	3,379	4,011	4,039	4,243	4,423	4,146	3,700	3,088	3,357	44,264	44,237
	2032	3,608	3,141	3,254	3,387	4,023	4,047	4,253	4,434	4,155	3,709	3,093	3,374	44,480	44,448
Projected	2033	3,627	3,066	3,262	3,395	4,035	4,055	4,262	4,445	4,163	3,726	3,106	3,396	44,540	44,487
	2034	3,651	3,085	3,277	3,411	4,055	4,072	4,281	4,464	4,179	3,748	3,123	3,420	44,767	44,703
	2035	3,677	3,106	3,298	3,432	4,081	4,096	4,307	4,491	4,204	3,775	3,146	3,450	45,063	44,984
	2036	3,707	3,223	3,322	3,456	4,109	4,121	4,333	4,517	4,227	3,798	3,164	3,474	45,453	45,387
	2037	3,732	3,150	3,343	3,477	4,135	4,143	4,358	4,542	4,249	3,818	3,181	3,498	45,628	45,567
	2038	3,758	3,171	3,365	3,500	4,163	4,169	4,386	4,573	4,276	3,840	3,199	3,525	45,925	45,858
	2039	3,787	3,193	3,386	3,520	4,188	4,190	4,409	4,596	4,296	3,856	3,210	3,546	46,177	46,129
	2040	3,809	3,308	3,400	3,535	4,207	4,205	4,426	4,614	4,312	3,873	3,223	3,569	46,481	46,429
	2041	3,833	3,230	3,415	3,551	4,227	4,222	4,445	4,634	4,328	3,889	3,236	3,591	46,601	46,549
	2042	3,856	3,247	3,429	3,566	4,246	4,238	4,463	4,652	4,345	3,906	3,248	3,614	46,810	46,758

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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	7.1%	6.7%	7.9%	7.8%	8.4%	9.4%	9.8%	10.1%	9.3%	8.9%	7.0%	7.6%	100.0%
	2021	7.6%	6.9%	7.4%	7.7%	9.4%	9.4%	9.8%	10.5%	9.2%	8.8%	6.3%	7.0%	100.0%
	2022	7.9%	6.5%	7.3%	7.7%	9.4%	9.3%	10.2%	10.3%	8.6%	8.5%	7.0%	7.4%	100.0%
Projected	2023	8.0%	6.8%	7.3%	7.6%	9.1%	9.2%	9.6%	10.0%	9.4%	8.4%	7.0%	7.5%	100.0%
	2024	8.1%	7.0%	7.4%	7.6%	9.0%	9.1%	9.6%	10.0%	9.4%	8.3%	7.0%	7.5%	100.0%
	2025	8.1%	6.8%	7.4%	7.7%	9.1%	9.2%	9.6%	10.0%	9.4%	8.4%	7.0%	7.5%	100.0%
	2026	8.0%	6.8%	7.3%	7.6%	9.0%	9.1%	9.6%	10.0%	9.4%	8.4%	7.0%	7.5%	100.0%
	2027	8.1%	6.8%	7.3%	7.6%	9.1%	9.2%	9.6%	10.0%	9.4%	8.4%	7.0%	7.5%	100.0%
	2028	8.1%	7.0%	7.3%	7.6%	9.0%	9.1%	9.6%	10.0%	9.4%	8.3%	7.0%	7.5%	100.0%
	2029	8.1%	6.9%	7.3%	7.6%	9.1%	9.1%	9.6%	10.0%	9.4%	8.4%	7.0%	7.5%	100.0%
	2030	8.1%	6.9%	7.3%	7.6%	9.1%	9.1%	9.6%	10.0%	9.4%	8.4%	7.0%	7.6%	100.0%
	2031	8.1%	6.9%	7.3%	7.6%	9.1%	9.1%	9.6%	10.0%	9.4%	8.4%	7.0%	7.6%	100.0%
	2032	8.1%	7.1%	7.3%	7.6%	9.0%	9.1%	9.6%	10.0%	9.3%	8.3%	7.0%	7.6%	100.0%
Avg.	2013-2022	7.8%	6.7%	7.3%	7.8%	9.1%	9.3%	9.8%	10.1%	9.2%	8.6%	6.9%	7.4%	100.0%
	2023-2032	8.1%	6.9%	7.3%	7.6%	9.1%	9.1%	9.6%	10.0%	9.4%	8.4%	7.0%	7.5%	100.0%

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FMPA 2023 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	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	8.8	7.4	8.4	10.0	10.0
	2021	7.8	10.0	8.4	8.6	9.6	9.6	9.4	10.1	9.3	9.2	6.5	6.3	10.0	10.1
	2022	11.4	8.8	7.4	8.3	9.6	9.8	9.6	10.1	9.9	8.8	7.3	8.0	11.4	10.1
Projected	2023	10.6	8.8	7.6	8.2	9.1	9.5	9.4	9.8	9.2	8.6	7.3	8.1	10.6	9.8
	2024	10.7	8.9	7.6	8.1	9.1	9.5	9.3	9.8	9.2	8.6	7.3	8.0	10.7	9.8
	2025	10.6	8.8	7.6	8.1	9.0	9.4	9.3	9.7	9.1	8.5	7.2	8.0	10.6	9.7
	2026	10.6	8.8	7.6	8.1	9.0	9.4	9.3	9.8	9.2	8.6	7.3	8.1	10.6	9.8
	2027	10.7	8.9	7.7	8.2	9.1	9.5	9.3	9.8	9.2	8.6	7.3	8.1	10.7	9.8
	2028	10.7	8.9	7.7	8.2	9.1	9.5	9.3	9.8	9.2	8.6	7.4	8.1	10.7	9.8
	2029	10.7	8.9	7.7	8.2	9.1	9.5	9.3	9.8	9.2	8.6	7.4	8.1	10.7	9.8
	2030	10.7	8.9	7.7	8.2	9.1	9.5	9.3	9.8	9.2	8.7	7.4	8.2	10.7	9.8
	2031	10.8	9.0	7.8	8.2	9.2	9.5	9.4	9.8	9.2	8.7	7.5	8.2	10.8	9.8
	2032	10.8	9.0	7.8	8.3	9.2	9.5	9.4	9.8	9.2	8.7	7.5	8.2	10.8	9.8
Projected	2033	10.9	9.1	7.9	8.3	9.3	9.5	9.4	9.9	9.3	8.8	7.6	8.3	10.9	9.9
	2034	11.0	9.1	8.0	8.4	9.3	9.6	9.4	9.9	9.3	8.9	7.7	8.3	11.0	9.9
	2035	11.0	9.2	8.0	8.4	9.4	9.7	9.5	10.0	9.4	8.9	7.7	8.4	11.0	10.0
	2036	11.1	9.2	8.1	8.5	9.5	9.7	9.6	10.0	9.4	9.0	7.8	8.4	11.1	10.0
	2037	11.1	9.3	8.2	8.5	9.5	9.8	9.6	10.1	9.5	9.1	7.9	8.5	11.1	10.1
	2038	11.2	9.3	8.2	8.6	9.6	9.8	9.7	10.2	9.6	9.1	7.9	8.5	11.2	10.2
	2039	11.3	9.4	8.3	8.7	9.7	9.9	9.7	10.2	9.6	9.2	8.0	8.6	11.3	10.2
	2040	11.3	9.4	8.4	8.7	9.7	9.9	9.8	10.3	9.6	9.2	8.1	8.6	11.3	10.3
	2041	11.4	9.5	8.5	8.8	9.8	10.0	9.8	10.3	9.7	9.3	8.1	8.7	11.4	10.3
	2042	11.4	9.5	8.5	8.8	9.8	10.0	9.9	10.4	9.7	9.3	8.2	8.7	11.4	10.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	61.8%	59.0%	54.8%	51.6%	51.1%
	2021	57.5%	45.3%	52.7%	55.0%	58.2%	60.1%	61.9%	61.7%	61.1%	56.7%	60.3%	66.5%	50.5%	51.1%
	2022	41.4%	49.0%	59.0%	57.2%	58.7%	59.3%	64.0%	61.0%	53.6%	57.6%	59.8%	55.0%	44.6%	49.9%
Projected	2023	45.0%	50.8%	57.4%	57.6%	59.3%	59.2%	61.1%	60.7%	62.6%	57.8%	59.2%	55.4%	47.5%	51.5%
	2024	45.0%	50.4%	57.3%	57.7%	59.3%	59.3%	61.1%	60.7%	62.5%	57.7%	59.0%	55.3%	47.4%	51.7%
	2025	44.8%	50.5%	57.1%	57.7%	59.3%	59.3%	61.1%	60.7%	62.5%	57.7%	58.8%	55.2%	47.1%	51.6%
	2026	44.8%	50.5%	57.0%	57.5%	59.1%	59.2%	61.0%	60.7%	62.6%	57.8%	58.6%	55.2%	47.3%	51.4%
	2027	44.8%	50.5%	56.9%	57.5%	59.1%	59.2%	61.0%	60.7%	62.6%	57.6%	58.6%	55.3%	47.2%	51.5%
	2028	44.9%	50.3%	56.8%	57.5%	59.1%	59.2%	61.0%	60.7%	62.5%	57.5%	58.3%	55.1%	47.2%	51.6%
	2029	44.8%	50.4%	56.5%	57.3%	59.0%	59.2%	61.0%	60.6%	62.5%	57.4%	58.0%	55.1%	47.0%	51.5%
	2030	44.7%	50.4%	56.3%	57.2%	58.9%	59.1%	61.0%	60.6%	62.5%	57.3%	57.7%	55.1%	46.9%	51.5%
	2031	44.7%	50.4%	56.0%	57.1%	58.8%	59.1%	61.0%	60.6%	62.5%	57.2%	57.4%	55.2%	46.8%	51.5%
	2032	44.8%	50.1%	55.9%	56.9%	58.7%	59.1%	61.0%	60.6%	62.5%	57.1%	57.0%	55.0%	46.9%	51.6%
Avg.	2013-2022	49.4%	52.3%	55.8%	57.0%	58.6%	60.1%	61.7%	62.0%	59.8%	58.9%	58.2%	58.1%	49.2%	50.9%
	2023-2032	44.8%	50.4%	56.7%	57.4%	59.1%	59.2%	61.0%	60.7%	62.5%	57.5%	58.3%	55.2%	47.1%	51.5%

FMPA 2023 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	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	8.7	7.2	8.4	8.6	9.4
	2021	7.8	10.0	8.2	8.6	9.2	9.6	9.3	9.8	9.1	9.1	6.0	6.1	10.0	9.8
	2022	11.4	7.5	6.9	8.1	9.1	9.2	9.5	9.6	9.9	8.7	7.0	7.8	11.4	9.2
Projected	2023	10.6	8.2	7.3	7.8	8.7	9.2	8.9	9.5	9.1	8.5	7.0	7.8	10.6	9.5
	2024	10.7	8.2	7.3	7.8	8.6	9.2	8.9	9.5	9.1	8.5	7.0	7.8	10.7	9.5
	2025	10.6	8.2	7.3	7.7	8.6	9.1	8.8	9.4	9.0	8.4	7.0	7.8	10.6	9.4
	2026	10.6	8.2	7.3	7.7	8.6	9.2	8.9	9.4	9.0	8.4	7.0	7.9	10.6	9.4
	2027	10.7	8.2	7.3	7.8	8.6	9.2	8.9	9.5	9.1	8.5	7.0	7.9	10.7	9.5
	2028	10.7	8.2	7.3	7.8	8.6	9.2	8.9	9.4	9.1	8.5	7.0	7.9	10.7	9.4
	2029	10.7	8.3	7.3	7.7	8.6	9.1	8.8	9.4	9.0	8.5	7.1	7.9	10.7	9.4
	2030	10.7	8.3	7.3	7.8	8.6	9.1	8.8	9.4	9.0	8.5	7.1	7.9	10.7	9.4
	2031	10.8	8.3	7.4	7.8	8.7	9.1	8.8	9.4	9.0	8.5	7.1	7.9	10.8	9.4
	2032	10.8	8.3	7.4	7.8	8.7	9.1	8.8	9.4	9.0	8.5	7.2	8.0	10.8	9.4
Projected	2033	10.9	8.4	7.4	7.8	8.7	9.1	8.8	9.4	9.0	8.5	7.2	8.0	10.9	9.4
	2034	10.9	8.4	7.5	7.8	8.7	9.2	8.9	9.4	9.0	8.6	7.2	8.1	10.9	9.4
	2035	11.0	8.5	7.5	7.9	8.8	9.2	8.9	9.5	9.1	8.6	7.2	8.1	11.0	9.5
	2036	11.0	8.5	7.5	7.9	8.8	9.2	8.9	9.5	9.1	8.6	7.3	8.2	11.0	9.5
	2037	11.1	8.6	7.6	7.9	8.8	9.2	8.9	9.5	9.1	8.7	7.3	8.2	11.1	9.5
	2038	11.1	8.6	7.6	7.9	8.9	9.3	9.0	9.6	9.2	8.7	7.4	8.2	11.1	9.6
	2039	11.2	8.6	7.6	8.0	8.9	9.3	9.0	9.6	9.2	8.7	7.4	8.3	11.2	9.6
	2040	11.2	8.6	7.7	8.0	8.9	9.3	9.0	9.6	9.2	8.7	7.4	8.3	11.2	9.6
	2041	11.3	8.7	7.7	8.0	9.0	9.3	9.0	9.6	9.2	8.8	7.5	8.3	11.3	9.6
	2042	11.3	8.7	7.8	8.0	9.0	9.3	9.0	9.6	9.2	8.8	7.5	8.4	11.3	9.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	99.2%	97.0%	99.6%	85.8%	93.9%
	2021	100.0%	100.0%	97.8%	100.0%	95.6%	100.0%	98.3%	97.8%	98.0%	98.9%	92.9%	96.2%	100.0%	97.8%
	2022	100.0%	85.4%	92.2%	97.7%	94.6%	94.0%	99.3%	95.3%	100.0%	98.6%	96.4%	97.5%	100.0%	90.6%
Projected	2023	100.0%	92.8%	95.5%	95.4%	95.3%	97.1%	95.4%	96.8%	98.8%	98.6%	96.4%	97.5%	100.0%	96.8%
	2024	100.0%	92.8%	95.5%	95.4%	95.2%	97.1%	95.4%	96.8%	98.7%	98.5%	96.3%	97.5%	100.0%	96.8%
	2025	100.0%	92.8%	95.5%	95.4%	95.2%	97.0%	95.3%	96.8%	98.7%	98.5%	96.2%	97.4%	100.0%	96.8%
	2026	100.0%	92.8%	95.4%	95.3%	95.1%	97.0%	95.3%	96.7%	98.6%	98.4%	96.1%	97.4%	100.0%	96.7%
	2027	99.9%	92.7%	95.3%	95.2%	95.1%	96.9%	95.2%	96.6%	98.6%	98.3%	96.0%	97.4%	99.9%	96.6%
	2028	99.9%	92.7%	95.2%	95.1%	94.9%	96.8%	95.1%	96.5%	98.4%	98.1%	95.8%	97.3%	99.9%	96.5%
	2029	99.9%	92.7%	95.0%	94.9%	94.8%	96.6%	94.9%	96.4%	98.3%	97.9%	95.6%	97.3%	99.9%	96.4%
	2030	99.8%	92.6%	94.8%	94.7%	94.6%	96.4%	94.7%	96.2%	98.1%	97.7%	95.4%	97.2%	99.8%	96.2%
	2031	99.8%	92.6%	94.6%	94.5%	94.4%	96.2%	94.5%	96.0%	97.9%	97.5%	95.1%	97.2%	99.8%	96.0%
	2032	99.7%	92.5%	94.4%	94.3%	94.2%	96.0%	94.3%	95.8%	97.7%	97.2%	94.9%	97.1%	99.7%	95.8%
2013-2022		97.3%	95.1%	94.5%	94.3%	95.6%	95.5%	94.0%	94.2%	96.9%	97.8%	94.7%	96.4%	90.7%	93.6%
2023-2032		99.9%	92.7%	95.1%	95.0%	94.9%	96.7%	95.0%	96.5%	98.4%	98.1%	95.8%	97.3%	99.9%	96.5%

FMPA 2023 Load Forecast - Base Case - Ft Meade

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV) (Fiscal Year 2013-2042)

	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	2013	25,483		2,385		10,686		12,958		334		38.8		38,441		2,205	5.4%	40,645	
	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%
	2021	29,545	0.4%	2,391	0.8%	12,359	-0.4%	13,481	0.2%	312	-2.0%	43.2	2.2%	43,026	0.4%	1,980	4.4%	45,006	0.4%
	2022	29,413	-0.4%	2,423	1.3%	12,141	-1.8%	13,299	-1.4%	309	-0.9%	43.0	-0.5%	42,712	-0.7%	1,547	3.5%	44,259	-1.7%
Projected	2023	29,262	-0.5%	2,430	0.3%	12,044	-0.8%	13,162	-1.0%	310	0.3%	42.5	-1.3%	42,424	-0.7%	2,004	4.5%	44,428	0.4%
	2024	29,169	-0.3%	2,442	0.5%	11,943	-0.8%	13,273	0.8%	313	0.9%	42.4	-0.1%	42,442	0.0%	1,957	4.4%	44,399	-0.1%
	2025	28,948	-0.8%	2,455	0.5%	11,791	-1.3%	13,330	0.4%	314	0.5%	42.4	0.0%	42,278	-0.4%	1,862	4.2%	44,140	-0.6%
	2026	28,952	0.0%	2,468	0.5%	11,733	-0.5%	13,355	0.2%	315	0.2%	42.4	0.0%	42,307	0.1%	1,864	4.2%	44,171	0.1%
	2027	29,228	1.0%	2,479	0.5%	11,789	0.5%	13,375	0.2%	315	0.1%	42.4	0.0%	42,603	0.7%	1,878	4.2%	44,481	0.7%
	2028	29,332	0.4%	2,490	0.5%	11,778	-0.1%	13,401	0.2%	315	0.1%	42.5	0.1%	42,733	0.3%	1,972	4.4%	44,705	0.5%
	2029	29,374	0.1%	2,501	0.4%	11,743	-0.3%	13,429	0.2%	316	0.0%	42.6	0.2%	42,804	0.2%	1,886	4.2%	44,690	0.0%
	2030	29,513	0.5%	2,512	0.4%	11,749	0.0%	13,459	0.2%	316	0.0%	42.7	0.2%	42,972	0.4%	1,895	4.2%	44,867	0.4%
	2031	29,733	0.7%	2,522	0.4%	11,790	0.3%	13,491	0.2%	316	0.0%	42.8	0.2%	43,224	0.6%	1,906	4.2%	45,131	0.6%
	2032	29,997	0.9%	2,532	0.4%	11,848	0.5%	13,525	0.3%	316	0.0%	42.9	0.2%	43,522	0.7%	2,010	4.4%	45,532	0.9%
	2033	30,282	1.0%	2,541	0.4%	11,917	0.6%	13,561	0.3%	316	0.0%	43.0	0.3%	43,843	0.7%	1,935	4.2%	45,777	0.5%
	2034	30,575	1.0%	2,550	0.4%	11,989	0.6%	13,599	0.3%	316	0.0%	43.1	0.3%	44,173	0.8%	1,950	4.2%	46,123	0.8%
	2035	30,879	1.0%	2,559	0.4%	12,066	0.6%	13,640	0.3%	316	0.0%	43.2	0.3%	44,519	0.8%	1,965	4.2%	46,484	0.8%
	2036	31,190	1.0%	2,568	0.3%	12,146	0.7%	13,684	0.3%	316	0.0%	43.4	0.3%	44,874	0.8%	2,074	4.4%	46,948	1.0%
	2037	31,454	0.8%	2,576	0.3%	12,209	0.5%	13,730	0.3%	316	0.0%	43.5	0.3%	45,184	0.7%	1,996	4.2%	47,180	0.5%
	2038	31,757	1.0%	2,585	0.3%	12,287	0.6%	13,778	0.3%	316	0.0%	43.7	0.3%	45,535	0.8%	2,012	4.2%	47,547	0.8%
	2039	32,086	1.0%	2,593	0.3%	12,376	0.7%	13,821	0.3%	316	0.0%	43.8	0.3%	45,907	0.8%	2,029	4.2%	47,936	0.8%
	2040	32,382	0.9%	2,601	0.3%	12,452	0.6%	13,862	0.3%	316	0.0%	43.9	0.3%	46,244	0.7%	2,140	4.4%	48,384	0.9%
	2041	32,684	0.9%	2,608	0.3%	12,530	0.6%	13,902	0.3%	316	0.0%	44.1	0.3%	46,586	0.7%	2,060	4.2%	48,646	0.5%
	2042	32,983	0.9%	2,616	0.3%	12,607	0.6%	13,942	0.3%	316	0.0%	44.2	0.3%	46,925	0.7%	2,075	4.2%	49,000	0.7%
CAGR	2013-2022		1.6%		0.2%		1.4%		0.3%		-0.9%		1.2%		1.2%		4.9%		1.0%
	2023-2032		0.3%		0.5%		-0.2%		0.3%		0.2%		0.1%		0.3%		4.3%		0.3%
	2033-2042		1.0%		0.3%		0.6%		0.3%		0.0%		0.3%		0.8%		4.3%		0.8%

CAGR - Compound Average Growth Rate.

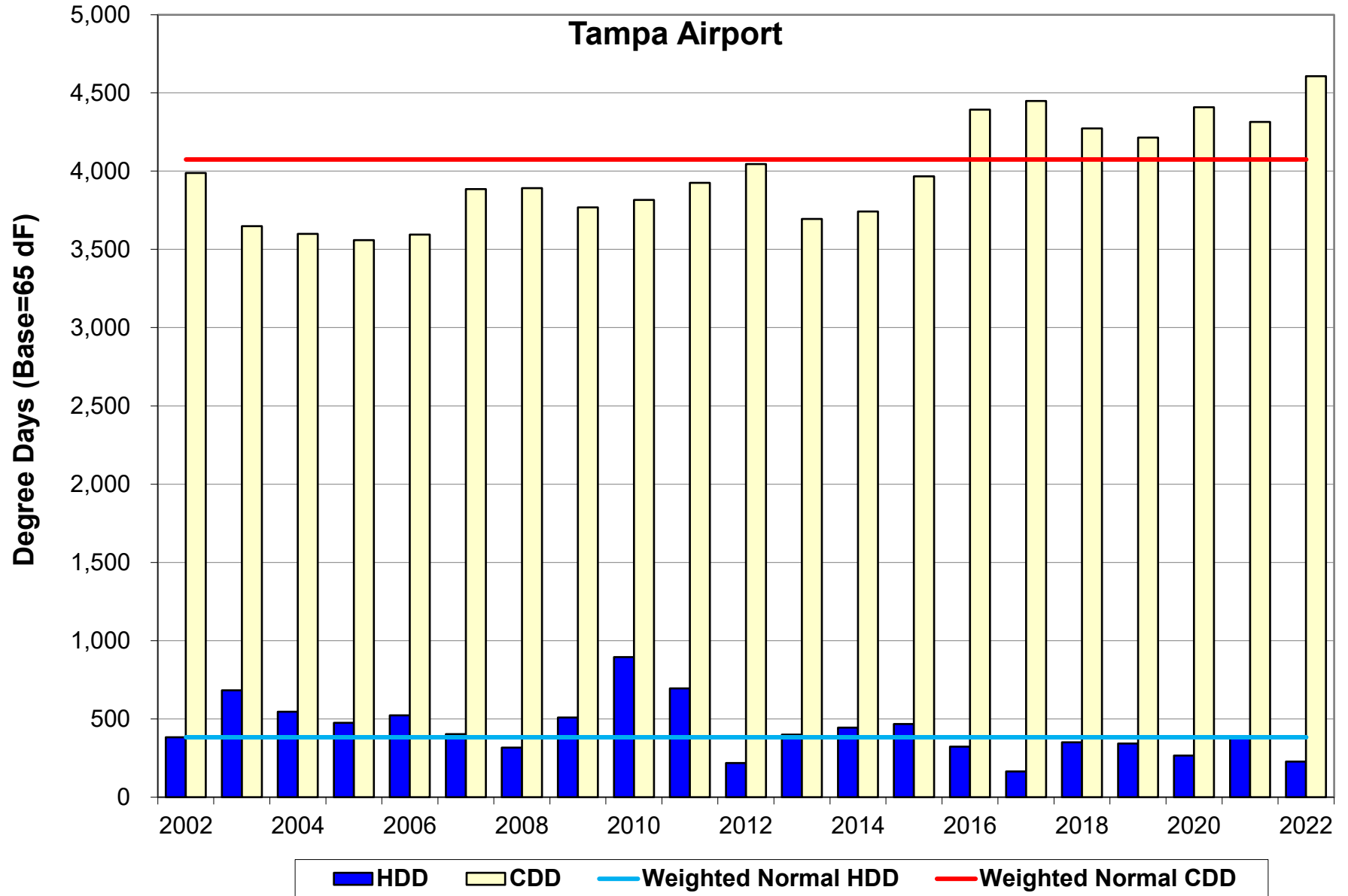
FMPA 2023 Load Forecast

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
2002	501.5	-	196.2	-	235.4	-	17.63	-	17,004	-	16,039	-	81,741	-
2003	513.1	2.3%	201.3	2.6%	238.7	1.4%	17.49	-0.8%	17,552	3.2%	16,561	3.3%	82,276	0.7%
2004	527.7	2.9%	205.3	2.0%	249.8	4.6%	17.65	0.9%	18,561	5.8%	17,449	5.4%	85,007	3.3%
2005	547.4	3.7%	212.3	3.4%	266.2	6.6%	18.97	7.5%	19,741	6.4%	18,527	6.2%	87,266	2.7%
2006	568.3	3.8%	219.2	3.2%	275.0	3.3%	18.70	-1.4%	20,509	3.9%	18,873	1.9%	86,119	-1.3%
2007	586.0	3.1%	225.9	3.1%	276.6	0.6%	18.41	-1.5%	21,149	3.1%	19,264	2.1%	85,289	-1.0%
2008	594.8	1.5%	227.4	0.7%	268.5	-2.9%	17.15	-6.8%	20,497	-3.1%	19,270	0.0%	84,752	-0.6%
2009	598.7	0.7%	226.8	-0.3%	258.2	-3.8%	15.67	-8.6%	20,064	-2.1%	18,548	-3.7%	81,792	-3.5%
2010	603.1	0.7%	227.8	0.5%	255.7	-1.0%	14.92	-4.8%	19,921	-0.7%	19,479	5.0%	85,505	4.5%
2011	608.5	0.9%	229.7	0.8%	258.2	1.0%	15.07	1.1%	19,721	-1.0%	20,033	2.8%	87,195	2.0%
2012	612.5	0.7%	231.6	0.8%	261.8	1.4%	15.30	1.5%	20,020	1.5%	19,815	-1.1%	85,550	-1.9%
2013	618.2	0.9%	231.0	-0.3%	267.0	2.0%	16.73	9.4%	20,644	3.1%	19,650	-0.8%	85,050	-0.6%
2014	628.5	1.7%	233.3	1.0%	273.8	2.6%	17.42	4.1%	20,696	0.3%	20,341	3.5%	87,197	2.5%
2015	641.2	2.0%	237.2	1.7%	281.1	2.6%	17.63	1.2%	22,163	7.1%	21,276	4.6%	89,694	2.9%
2016	657.1	2.5%	240.6	1.4%	287.2	2.2%	18.24	3.5%	22,814	2.9%	21,607	1.6%	89,795	0.1%
2017	675.1	2.7%	240.9	0.1%	300.2	4.5%	18.46	1.2%	24,076	5.5%	22,786	5.5%	94,589	5.3%
2018	694.8	2.9%	243.5	1.1%	312.8	4.2%	18.87	2.2%	24,750	2.8%	23,532	3.3%	96,642	2.2%
2019	711.2	2.4%	246.3	1.1%	323.6	3.5%	19.10	1.2%	25,892	4.6%	24,523	4.2%	99,579	3.0%
2020	729.2	2.5%	246.9	0.3%	322.4	-0.4%	19.04	-0.3%	26,378	1.9%	26,616	8.5%	107,798	8.3%
2021	752.4	3.2%	260.8	5.6%	332.3	3.1%	19.25	1.1%	26,923	2.1%	26,431	-0.7%	101,363	-6.0%
2022	763.6	1.5%	266.0	2.0%	337.6	1.6%	19.35	0.5%	27,240	1.2%	27,160	2.8%	102,095	0.7%
2023	774.7	1.5%	271.1	1.9%	342.7	1.5%	19.44	0.5%	27,557	1.2%	27,891	2.7%	102,879	0.8%
2024	785.8	1.4%	276.0	1.8%	347.1	1.3%	19.51	0.4%	28,247	2.5%	28,711	2.9%	104,017	1.1%
2025	797.0	1.4%	280.8	1.7%	351.5	1.3%	19.58	0.4%	28,940	2.5%	29,533	2.9%	105,175	1.1%
2026	808.0	1.4%	285.4	1.6%	355.6	1.2%	19.64	0.3%	29,632	2.4%	30,360	2.8%	106,390	1.2%
2027	819.0	1.4%	289.8	1.6%	359.5	1.1%	19.68	0.2%	30,331	2.4%	31,219	2.8%	107,710	1.2%
2028	830.1	1.3%	294.2	1.5%	363.3	1.0%	19.73	0.3%	31,035	2.3%	32,084	2.8%	109,047	1.2%
2029	841.1	1.3%	298.5	1.4%	367.2	1.1%	19.79	0.3%	31,747	2.3%	32,967	2.7%	110,447	1.3%
2030	852.1	1.3%	302.6	1.4%	371.0	1.0%	19.84	0.3%	32,464	2.3%	33,845	2.7%	111,834	1.3%
2031	862.9	1.3%	306.6	1.3%	375.0	1.1%	19.89	0.2%	33,179	2.2%	34,757	2.7%	113,353	1.4%
2032	873.7	1.2%	310.5	1.3%	379.1	1.1%	19.94	0.2%	33,901	2.2%	35,690	2.7%	114,937	1.4%
2033	884.5	1.2%	314.3	1.2%	382.8	1.0%	19.98	0.2%	34,628	2.1%	36,624	2.6%	116,509	1.4%
2034	895.2	1.2%	318.1	1.2%	386.2	0.9%	20.03	0.2%	35,360	2.1%	37,572	2.6%	118,114	1.4%
2035	905.9	1.2%	321.8	1.2%	389.6	0.9%	20.07	0.2%	36,100	2.1%	38,542	2.6%	119,768	1.4%
2036	916.4	1.2%	325.4	1.1%	393.0	0.9%	20.12	0.2%	36,838	2.0%	39,520	2.5%	121,448	1.4%
2037	926.8	1.1%	329.0	1.1%	396.2	0.8%	20.16	0.2%	37,582	2.0%	40,481	2.4%	123,054	1.3%
2038	937.2	1.1%	332.5	1.1%	399.4	0.8%	20.21	0.2%	38,330	2.0%	41,480	2.5%	124,755	1.4%
2039	947.6	1.1%	336.0	1.0%	402.7	0.8%	20.25	0.2%	39,083	2.0%	42,503	2.5%	126,507	1.4%
2040	957.9	1.1%	339.4	1.0%	405.8	0.8%	20.29	0.2%	39,841	1.9%	43,520	2.4%	128,211	1.3%
2041	968.2	1.1%	342.9	1.0%	409.0	0.8%	20.33	0.2%	40,598	1.9%	44,532	2.3%	129,865	1.3%
2042	978.5	1.1%	346.5	1.0%	412.2	0.8%	20.37	0.2%	41,360	1.9%	45,566	2.3%	131,514	1.3%
Average Percent Change														
2012-2022			2.2%	1.4%	2.6%	2.4%	3.1%	3.2%	1.8%					
2023-2032			1.3%	1.5%	1.1%	0.3%	2.3%	2.8%	1.2%					
2033-2042			1.1%	1.1%	0.8%	0.2%	2.0%	2.5%	1.4%					



Fort Pierce

FMPA 2023 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	Year															
	2013	532,037	-	534,138	-	0.4%	86.7	-	75.8	-	-12.6%	100.9	-	105.8		4.9%
	2014	544,750	2.4%	541,547	1.4%	-0.6%	89.2	2.9%	102.4	35.1%	14.8%	103.2	2.4%	101.4	-4.2%	-1.8%
	2015	559,062	2.6%	546,963	1.0%	-2.2%	101.8	14.2%	73.6	-28.2%	-27.8%	103.4	0.2%	96.3	-5.0%	-6.9%
	2016	583,151	4.3%	569,686	4.2%	-2.3%	96.1	-5.6%	86.9	18.2%	-9.6%	109.8	6.2%	106.3	10.3%	-3.2%
	2017	569,635	-2.3%	557,490	-2.1%	-2.1%	85.4	-11.1%	85.8	-1.3%	0.4%	111.8	1.8%	115.9	9.0%	3.6%
	2018	572,718	0.5%	565,292	1.4%	-1.3%	92.9	8.8%	81.8	-4.7%	-12.0%	111.2	-0.6%	116.9	0.9%	5.1%
	2019	578,050	0.9%	565,948	0.1%	-2.1%	92.1	-0.8%	102.1	24.9%	10.9%	110.1	-0.9%	107.7	-7.9%	-2.2%
	2020	588,692	1.8%	567,670	0.3%	-3.6%	92.0	-0.2%	98.9	-3.2%	7.5%	114.4	3.9%	111.0	3.1%	-3.0%
	2021	595,748	1.2%	586,663	3.3%	-1.5%	96.4	4.8%	100.7	1.9%	4.4%	114.1	-0.2%	110.0	-0.9%	-3.6%
	2022	599,028	0.6%	596,871	1.7%	-0.4%	92.4	-4.2%	95.2	-5.4%	3.1%	112.8	-1.2%	117.9	7.2%	4.5%
Projected	2023	594,146	-0.8%	594,146	-0.5%		92.9	0.5%	92.9	-2.4%		110.7	-1.8%	110.7	-6.1%	
	2024			592,403	-0.3%				92.0	-0.9%				111.4	0.6%	
	2025			594,198	0.3%				92.9	0.9%				111.5	0.1%	
	2026			595,753	0.3%				93.1	0.2%				111.9	0.4%	
	2027			598,117	0.4%				93.5	0.4%				112.4	0.4%	
	2028			602,569	0.7%				94.0	0.6%				113.0	0.5%	
	2029			604,373	0.3%				94.5	0.5%				113.6	0.5%	
	2030			607,760	0.6%				95.0	0.6%				114.3	0.6%	
	2031			611,504	0.6%				95.7	0.7%				115.0	0.6%	
	2032			616,624	0.8%				96.3	0.7%				115.6	0.6%	
	2033			618,537	0.3%				96.9	0.6%				116.3	0.6%	
	2034			622,480	0.6%				97.4	0.6%				117.0	0.7%	
	2035			626,964	0.7%				98.0	0.6%				117.9	0.8%	
	2036			633,149	1.0%				98.7	0.7%				118.8	0.7%	
	2037			635,615	0.4%				99.1	0.4%				119.6	0.7%	
	2038			639,873	0.7%				99.7	0.5%				120.4	0.7%	
	2039			643,607	0.6%				100.1	0.5%				121.2	0.6%	
	2040			649,256	0.9%				100.8	0.7%				122.0	0.6%	
	2041			651,600	0.4%				101.3	0.5%				122.8	0.6%	
	2042			655,629	0.6%				101.9	0.6%				123.6	0.6%	
CAGR ^[3]	2013-2022		1.3%		1.2%			0.7%		2.6%			1.3%		1.2%	
	2023-2032				0.4%					0.4%					0.5%	
	2033-2042				0.6%					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 2023 Load Forecast - Base Case

Ft. Pierce

2023 v. 2022 (Base Case) Forecast Results Comparison (Net of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)
Historical	2013	532,037	-	532,037	-	86.7	103.7	97.2	103.7	86.7	100.9	86.7	100.9
	2014	544,750	2.4%	544,750	2.4%	89.2	105.5	96.0	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	99.0	111.8	85.4	111.8	85.4	111.8
	2018	572,718	0.5%	572,718	0.5%	101.0	111.6	101.1	111.6	92.9	111.2	92.9	111.2
	2019	578,050	0.9%	578,050	0.9%	93.9	112.6	103.3	112.6	92.1	110.1	92.1	110.1
	2020	588,692	1.8%	588,692	1.8%	96.5	116.4	101.5	116.4	92.0	114.4	92.0	114.4
	2021	595,748	1.2%	595,748	1.2%	96.6	115.2	105.9	115.2	96.4	114.1	96.4	114.1
	2022	599,028	0.6%	603,084	1.2%	101.2	118.8	106.1	116.4	92.4	112.8	94.9	113.9
Projected	2023	594,146	-0.8%	608,560	0.9%	100.9	113.4	107.3	116.9	92.9	110.7	96.2	114.4
	2024	592,403	-0.3%	613,694	0.8%	99.9	114.1	107.7	117.7	92.0	111.4	96.8	115.2
	2025	594,198	0.3%	617,842	0.7%	100.9	114.2	108.5	118.9	92.9	111.5	97.6	116.3
	2026	595,753	0.3%	622,680	0.8%	101.1	114.6	109.6	119.7	93.1	111.9	98.5	117.1
	2027	598,117	0.4%	626,592	0.6%	101.5	115.0	110.4	120.4	93.5	112.4	99.1	117.8
	2028	602,569	0.7%	631,949	0.9%	102.1	115.6	111.1	121.2	94.0	113.0	99.8	118.6
	2029	604,373	0.3%	633,891	0.3%	102.7	116.3	111.7	121.8	94.5	113.6	100.4	119.2
	2030	607,760	0.6%	637,224	0.5%	103.2	117.0	112.4	122.5	95.0	114.3	100.9	119.9
	2031	611,504	0.6%	640,910	0.6%	103.9	117.7	113.0	123.2	95.7	115.0	101.5	120.5
	2032	616,624	0.8%	645,931	0.8%	104.6	118.4	113.7	123.9	96.3	115.6	102.1	121.2
	2033	618,537	0.3%	647,637	0.3%	105.2	119.1	114.3	124.5	96.9	116.3	102.7	121.8
	2034	622,480	0.6%	650,765	0.5%	105.8	119.8	114.9	125.1	97.4	117.0	103.2	122.4
	2035	626,964	0.7%	653,980	0.5%	106.5	120.8	115.5	125.7	98.0	117.9	103.7	123.0
	2036	633,149	1.0%	658,559	0.7%	107.2	121.6	116.1	126.2	98.7	118.8	104.3	123.5
	2037	635,615	0.4%	659,192	0.1%	107.7	122.5	116.6	126.7	99.1	119.6	104.7	124.0
	2038	639,873	0.7%	661,664	0.4%	108.2	123.3	117.1	127.2	99.7	120.4	105.2	124.4
	2039	643,607	0.6%	664,053	0.4%	108.8	124.1	117.5	127.7	100.1	121.2	105.6	124.9
	2040	649,256	0.9%	668,630	0.7%	109.5	124.9	118.0	128.2	100.8	122.0	106.1	125.4
	2041	651,600	0.4%	669,584	0.1%	110.0	125.7	118.6	128.7	101.3	122.8	106.5	125.9
	2042	655,629	0.6%			110.6	126.6			101.9	123.6		
CAGR ^[1]	Historical		1.3%		1.4%	1.7%	1.5%	1.1%	1.3%	0.4%	1.1%	1.1%	1.4%
	1st 10 Prj Yrs		0.4%		0.7%	0.4%	0.5%	0.7%	0.6%	0.4%	0.5%	0.8%	0.6%
	2nd 10 Prj Yrs		0.6%		0.4%	0.6%	0.7%	0.5%	0.4%	0.6%	0.7%	0.5%	0.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	54,515	44,915	41,087	594,482	588,692
	2021	40,834	40,222	44,925	45,369	53,390	55,222	59,589	61,118	54,563	52,614	39,483	42,337	589,666	595,748
	2022	42,274	38,351	46,263	46,353	54,969	56,227	62,444	63,280	54,433	53,863	42,021	41,883	602,361	599,028
Projected	2023	46,359	41,328	45,123	44,718	51,418	54,487	57,706	61,509	53,732	51,789	41,498	41,414	591,081	594,146
	2024	45,870	42,489	44,726	44,445	51,380	54,641	57,979	61,968	54,203	52,313	41,959	41,854	593,827	592,403
	2025	46,332	41,360	45,081	44,737	51,546	54,729	58,084	61,973	54,229	52,356	42,000	41,930	594,359	594,198
	2026	46,437	41,465	45,186	44,856	51,702	54,904	58,285	62,202	54,429	52,557	42,153	42,103	596,280	595,753
	2027	46,635	41,641	45,354	45,025	51,905	55,116	58,517	62,460	54,651	52,786	42,330	42,310	598,730	598,117
	2028	46,873	43,390	45,561	45,237	52,160	55,383	58,813	62,790	54,936	53,077	42,556	42,570	603,346	602,569
	2029	47,167	42,114	45,807	45,481	52,448	55,676	59,127	63,132	55,219	53,356	42,763	42,811	605,101	604,373
	2030	47,446	42,364	46,045	45,724	52,743	55,982	59,466	63,513	55,545	53,686	43,015	43,109	608,640	607,760
	2031	47,784	42,660	46,318	45,995	53,064	56,305	59,815	63,895	55,860	53,999	43,248	43,386	612,328	611,504
	2032	48,100	44,522	46,571	46,249	53,367	56,609	60,146	64,262	56,165	54,310	43,480	43,670	617,451	616,624
Projected	2033	48,422	43,220	46,823	46,501	53,668	56,905	60,466	64,617	56,454	54,655	43,746	43,972	619,450	618,537
	2034	48,763	43,520	47,116	46,792	54,010	57,249	60,837	65,024	56,795	55,034	44,046	44,299	623,486	622,480
	2035	49,132	43,847	47,452	47,128	54,403	57,651	61,271	65,501	57,201	55,462	44,388	44,668	628,104	626,964
	2036	49,536	45,843	47,809	47,474	54,794	58,035	61,670	65,923	57,546	55,813	44,665	44,966	634,074	633,149
	2037	49,868	44,491	48,124	47,787	55,160	58,401	62,065	66,357	57,917	56,186	44,969	45,304	636,630	635,615
	2038	50,241	44,816	48,459	48,115	55,534	58,767	62,450	66,773	58,261	56,488	45,206	45,578	640,688	639,873
	2039	50,551	45,093	48,738	48,395	55,866	59,099	62,812	67,177	58,604	56,815	45,463	45,882	644,494	643,607
	2040	50,894	47,106	49,031	48,687	56,212	59,443	63,185	67,590	58,949	57,168	45,737	46,197	650,198	649,256
	2041	51,249	45,707	49,333	48,987	56,564	59,795	63,564	68,005	59,294	57,514	46,004	46,504	652,519	651,600
	2042	51,597	46,014	49,632	49,286	56,916	60,147	63,945	68,426	59,646	57,867	46,278	46,820	656,573	655,629

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	7.5%	8.3%	9.3%	10.0%	10.2%	9.6%	9.2%	7.6%	6.9%	100.0%
	2021	6.9%	6.8%	7.6%	7.7%	9.1%	9.4%	10.1%	10.4%	9.3%	8.9%	6.7%	7.2%	100.0%
	2022	7.0%	6.4%	7.7%	7.7%	9.1%	9.3%	10.4%	10.5%	9.0%	8.9%	7.0%	7.0%	100.0%
Projected	2023	7.8%	7.0%	7.6%	7.6%	8.7%	9.2%	9.8%	10.4%	9.1%	8.8%	7.0%	7.0%	100.0%
	2024	7.7%	7.2%	7.5%	7.5%	8.7%	9.2%	9.8%	10.4%	9.1%	8.8%	7.1%	7.0%	100.0%
	2025	7.8%	7.0%	7.6%	7.5%	8.7%	9.2%	9.8%	10.4%	9.1%	8.8%	7.1%	7.1%	100.0%
	2026	7.8%	7.0%	7.6%	7.5%	8.7%	9.2%	9.8%	10.4%	9.1%	8.8%	7.1%	7.1%	100.0%
	2027	7.8%	7.0%	7.6%	7.5%	8.7%	9.2%	9.8%	10.4%	9.1%	8.8%	7.1%	7.1%	100.0%
	2028	7.8%	7.2%	7.6%	7.5%	8.6%	9.2%	9.7%	10.4%	9.1%	8.8%	7.1%	7.1%	100.0%
	2029	7.8%	7.0%	7.6%	7.5%	8.7%	9.2%	9.8%	10.4%	9.1%	8.8%	7.1%	7.1%	100.0%
	2030	7.8%	7.0%	7.6%	7.5%	8.7%	9.2%	9.8%	10.4%	9.1%	8.8%	7.1%	7.1%	100.0%
	2031	7.8%	7.0%	7.6%	7.5%	8.7%	9.2%	9.8%	10.4%	9.1%	8.8%	7.1%	7.1%	100.0%
	2032	7.8%	7.2%	7.5%	7.5%	8.6%	9.2%	9.7%	10.4%	9.1%	8.8%	7.0%	7.1%	100.0%
Avg.	2013-2022	7.1%	6.6%	7.4%	7.8%	8.8%	9.3%	10.0%	10.2%	9.3%	8.9%	7.3%	7.2%	100.0%
	2023-2032	7.8%	7.0%	7.6%	7.5%	8.7%	9.2%	9.8%	10.4%	9.1%	8.8%	7.1%	7.1%	100.0%

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

FMPA 2023 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	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	105.9	93.5	77.7	96.5	116.4
	2021	78.7	96.4	96.6	95.4	107.3	109.8	115.2	115.0	111.4	107.0	87.3	81.4	96.6	115.2
	2022	101.2	85.6	93.2	97.3	109.5	115.8	116.2	118.8	116.4	106.3	97.8	84.9	101.2	118.8
Projected	2023	100.9	89.0	88.3	97.1	104.7	109.2	112.1	113.4	110.7	101.7	93.7	84.1	100.9	113.4
	2024	99.9	88.1	88.9	97.7	105.3	109.8	112.8	114.1	111.3	102.4	94.3	84.9	99.9	114.1
	2025	100.9	89.0	89.0	97.8	105.5	109.9	112.9	114.2	111.4	102.5	94.5	85.1	100.9	114.2
	2026	101.1	89.2	89.4	98.2	105.9	110.3	113.3	114.6	111.8	102.9	94.9	85.4	101.1	114.6
	2027	101.5	89.6	89.9	98.6	106.4	110.8	113.7	115.0	112.3	103.5	95.5	85.9	101.5	115.0
	2028	102.1	90.1	90.5	99.2	107.0	111.3	114.3	115.6	112.9	104.1	96.1	86.4	102.1	115.6
	2029	102.7	90.6	91.2	99.9	107.7	112.0	115.0	116.3	113.5	104.8	96.8	86.9	102.7	116.3
	2030	103.2	91.1	91.9	100.5	108.4	112.6	115.7	117.0	114.2	105.5	97.6	87.4	103.2	117.0
	2031	103.9	91.7	92.7	101.3	109.2	113.3	116.4	117.7	114.9	106.2	98.4	88.0	103.9	117.7
	2032	104.6	92.3	93.4	102.0	109.9	114.0	117.0	118.4	115.5	107.0	99.3	88.5	104.6	118.4
Projected	2033	105.2	92.8	94.2	102.7	110.7	114.6	117.7	119.1	116.2	107.8	100.1	89.1	105.2	119.1
	2034	105.8	93.4	95.0	103.4	111.5	115.4	118.5	119.8	117.0	108.7	101.0	89.6	105.8	119.8
	2035	106.5	94.0	95.9	104.3	112.4	116.3	119.4	120.8	117.9	109.6	101.9	90.3	106.5	120.8
	2036	107.2	94.7	96.7	105.1	113.3	117.1	120.3	121.6	118.7	110.5	102.8	90.7	107.2	121.6
	2037	107.7	95.0	97.5	106.0	114.1	118.0	121.1	122.5	119.6	111.4	103.7	91.2	107.7	122.5
	2038	108.2	95.6	98.3	106.8	115.0	118.8	122.0	123.3	120.4	112.1	104.5	91.6	108.2	123.3
	2039	108.8	96.0	99.2	107.6	115.8	119.6	122.7	124.1	121.2	112.9	105.3	92.3	108.8	124.1
	2040	109.5	96.7	100.0	108.4	116.6	120.3	123.5	124.9	122.0	113.7	106.2	92.7	109.5	124.9
	2041	110.0	97.2	100.8	109.2	117.5	121.1	124.3	125.7	122.8	114.5	107.0	93.3	110.0	125.7
	2042	110.6	97.7	101.7	110.0	118.3	121.9	125.1	126.6	123.6	115.4	107.9	93.8	110.6	126.6

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	69.2%	66.7%	71.1%	70.3%	57.7%
	2021	69.8%	62.1%	62.5%	66.0%	66.9%	69.8%	69.5%	71.4%	68.0%	66.1%	62.8%	69.9%	69.7%	59.0%
	2022	56.1%	66.7%	66.7%	66.1%	67.5%	67.4%	72.2%	71.6%	64.9%	68.1%	59.7%	66.3%	67.9%	57.6%
Projected	2023	61.8%	69.1%	68.7%	64.0%	66.0%	69.3%	69.2%	72.9%	67.4%	68.4%	61.5%	66.2%	66.9%	59.8%
	2024	61.7%	69.3%	67.7%	63.2%	65.6%	69.1%	69.1%	73.0%	67.6%	68.7%	61.8%	66.3%	67.8%	59.3%
	2025	61.7%	69.2%	68.1%	63.5%	65.7%	69.2%	69.2%	73.0%	67.6%	68.6%	61.7%	66.3%	67.3%	59.4%
	2026	61.7%	69.2%	67.9%	63.4%	65.6%	69.1%	69.2%	73.0%	67.6%	68.6%	61.7%	66.3%	67.3%	59.4%
	2027	61.7%	69.2%	67.8%	63.4%	65.6%	69.1%	69.1%	73.0%	67.6%	68.6%	61.6%	66.2%	67.3%	59.3%
	2028	61.7%	69.2%	67.7%	63.3%	65.5%	69.1%	69.1%	73.0%	67.6%	68.5%	61.5%	66.3%	67.5%	59.5%
	2029	61.8%	69.2%	67.5%	63.3%	65.5%	69.1%	69.1%	73.0%	67.6%	68.5%	61.3%	66.3%	67.3%	59.3%
	2030	61.8%	69.2%	67.4%	63.2%	65.4%	69.0%	69.1%	73.0%	67.6%	68.4%	61.2%	66.3%	67.3%	59.3%
	2031	61.8%	69.2%	67.2%	63.1%	65.3%	69.0%	69.1%	73.0%	67.5%	68.3%	61.0%	66.2%	67.3%	59.3%
	2032	61.8%	69.3%	67.0%	63.0%	65.3%	69.0%	69.1%	73.0%	67.5%	68.2%	60.8%	66.3%	67.4%	59.5%
Avg.	2013-2022	64.8%	64.8%	65.0%	65.8%	67.7%	68.9%	70.2%	71.0%	68.4%	67.8%	63.9%	68.2%	68.9%	58.6%
	2023-2032	61.7%	69.2%	67.7%	63.3%	65.5%	69.1%	69.1%	73.0%	67.6%	68.5%	61.4%	66.3%	67.3%	59.4%

FMPA 2023 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	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	105.9	81.3	74.9	92.0	114.4
	2021	78.7	96.4	94.9	94.3	107.0	106.3	111.9	114.1	107.7	104.8	80.2	77.5	96.4	114.1
	2022	92.4	69.8	90.1	95.9	102.4	112.8	115.6	113.8	114.1	103.6	89.9	79.0	92.4	112.8
Projected	2023	92.9	85.9	85.4	93.0	101.5	106.5	107.4	110.7	107.9	99.2	86.1	78.2	92.9	110.7
	2024	92.0	85.1	86.0	93.6	102.1	107.1	108.0	111.4	108.5	99.8	86.7	79.0	92.0	111.4
	2025	92.9	85.9	86.1	93.7	102.3	107.2	108.1	111.5	108.6	99.9	86.8	79.1	92.9	111.5
	2026	93.1	86.1	86.5	94.1	102.7	107.6	108.5	111.9	109.0	100.3	87.2	79.5	93.1	111.9
	2027	93.5	86.5	87.0	94.5	103.1	108.0	108.9	112.4	109.4	100.8	87.7	79.9	93.5	112.4
	2028	94.0	86.9	87.5	95.1	103.8	108.6	109.5	113.0	110.0	101.4	88.3	80.4	94.0	113.0
	2029	94.5	87.4	88.2	95.6	104.4	109.2	110.1	113.6	110.6	102.1	89.0	80.8	94.5	113.6
	2030	95.0	87.9	88.9	96.3	105.1	109.9	110.8	114.3	111.3	102.8	89.7	81.4	95.0	114.3
	2031	95.7	88.5	89.6	97.0	105.8	110.5	111.4	115.0	111.9	103.5	90.5	81.9	95.7	115.0
	2032	96.3	89.1	90.4	97.7	106.6	111.2	112.1	115.6	112.6	104.3	91.2	82.4	96.3	115.6
Projected	2033	96.9	89.6	91.1	98.3	107.3	111.8	112.7	116.3	113.2	105.0	92.0	82.9	96.9	116.3
	2034	97.4	90.1	91.9	99.1	108.1	112.5	113.4	117.0	114.0	105.9	92.8	83.4	97.4	117.0
	2035	98.0	90.7	92.7	99.9	109.0	113.4	114.3	117.9	114.8	106.8	93.7	84.0	98.0	117.9
	2036	98.7	91.4	93.5	100.7	109.8	114.2	115.1	118.8	115.7	107.7	94.5	84.4	98.7	118.8
	2037	99.1	91.7	94.3	101.5	110.6	115.0	115.9	119.6	116.5	108.5	95.3	84.8	99.1	119.6
	2038	99.7	92.3	95.1	102.3	111.5	115.8	116.7	120.4	117.3	109.2	96.0	85.3	99.7	120.4
	2039	100.1	92.7	95.9	103.0	112.3	116.6	117.5	121.2	118.1	110.0	96.8	85.8	100.1	121.2
	2040	100.8	93.3	96.7	103.8	113.1	117.3	118.2	122.0	118.8	110.8	97.6	86.3	100.8	122.0
	2041	101.3	93.8	97.5	104.5	113.9	118.1	119.0	122.8	119.6	111.6	98.4	86.8	101.3	122.8
	2042	101.9	94.3	98.4	105.3	114.7	118.9	119.8	123.6	120.4	112.4	99.2	87.3	101.9	123.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	100.0%	87.0%	96.4%	95.3%	98.2%
	2021	100.0%	100.0%	98.2%	98.8%	99.7%	96.8%	97.2%	99.2%	96.7%	98.0%	91.9%	95.1%	99.8%	99.1%
	2022	91.3%	81.6%	96.6%	98.5%	93.5%	97.4%	99.5%	95.8%	98.0%	97.5%	91.9%	93.1%	91.3%	95.0%
Projected	2023	92.1%	96.5%	96.7%	95.8%	97.0%	97.5%	95.8%	97.7%	97.5%	97.5%	91.9%	93.1%	92.1%	97.7%
	2024	92.1%	96.5%	96.7%	95.8%	97.0%	97.5%	95.8%	97.7%	97.5%	97.5%	91.9%	93.1%	92.1%	97.7%
	2025	92.1%	96.5%	96.7%	95.8%	97.0%	97.5%	95.8%	97.7%	97.5%	97.5%	91.9%	93.1%	92.1%	97.7%
	2026	92.1%	96.5%	96.7%	95.8%	97.0%	97.5%	95.8%	97.7%	97.5%	97.5%	91.9%	93.1%	92.1%	97.7%
	2027	92.1%	96.5%	96.7%	95.8%	97.0%	97.5%	95.8%	97.7%	97.5%	97.5%	91.9%	93.1%	92.1%	97.7%
	2028	92.1%	96.5%	96.7%	95.8%	97.0%	97.5%	95.8%	97.7%	97.5%	97.5%	91.9%	93.1%	92.1%	97.7%
	2029	92.1%	96.5%	96.7%	95.8%	97.0%	97.5%	95.8%	97.7%	97.5%	97.4%	91.9%	93.1%	92.1%	97.7%
	2030	92.1%	96.5%	96.7%	95.8%	97.0%	97.5%	95.8%	97.7%	97.5%	97.4%	91.9%	93.1%	92.1%	97.7%
	2031	92.1%	96.5%	96.7%	95.8%	97.0%	97.5%	95.8%	97.7%	97.4%	97.4%	91.9%	93.1%	92.1%	97.7%
	2032	92.1%	96.5%	96.7%	95.8%	97.0%	97.5%	95.8%	97.7%	97.4%	97.4%	91.9%	93.1%	92.1%	97.7%
	2013-2022	92.1%	96.5%	96.7%	95.8%	97.0%	97.6%	95.7%	97.8%	97.3%	97.6%	91.8%	93.5%	97.1%	98.0%
	2023-2032	92.1%	96.5%	96.7%	95.8%	97.0%	97.5%	95.8%	97.7%	97.5%	97.5%	91.9%	93.1%	92.1%	97.7%

FMPA 2023 Load Forecast - Base Case - Ft Pierce

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV) (Fiscal Year 2013-2042)

		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	2013	203,586		22,631		8,996		294,790		4,999		59.0		5,919		6,071		510,366		21,671	4.1%	532,037	
	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%
	2021	254,716	1.0%	23,715	0.5%	10,741	0.4%	312,971	2.6%	5,175	0.2%	60.5	2.3%	5,224	-4.3%	4,018	0.0%	576,929	1.8%	18,819	3.2%	595,748	1.2%
	2022	253,952	-0.3%	23,814	0.4%	10,664	-0.7%	316,408	1.1%	5,201	0.5%	60.8	0.6%	5,006	-4.2%	4,003	-0.4%	579,369	0.4%	19,659	3.3%	599,028	0.6%
Projected	2023	246,985	-2.7%	23,985	0.7%	10,297	-3.4%	318,560	0.7%	5,235	0.7%	60.9	0.0%	5,006	0.0%	4,003	0.0%	574,554	-0.8%	19,950	3.4%	594,504	-0.8%
	2024	249,388	1.0%	24,139	0.6%	10,332	0.3%	314,324	-1.3%	5,257	0.4%	59.8	-1.7%	5,006	0.0%	4,003	0.0%	572,722	-0.3%	20,343	3.4%	593,064	-0.2%
	2025	252,243	1.1%	24,275	0.6%	10,391	0.6%	315,055	0.2%	5,271	0.3%	59.8	0.0%	5,006	0.0%	4,003	0.0%	576,306	0.6%	18,904	3.2%	595,211	0.4%
	2026	253,692	0.6%	24,402	0.5%	10,396	0.0%	315,487	0.1%	5,284	0.2%	59.7	-0.1%	5,006	0.0%	4,003	0.0%	578,188	0.3%	18,982	3.2%	597,170	0.3%
	2027	255,597	0.8%	24,521	0.5%	10,424	0.3%	316,340	0.3%	5,296	0.2%	59.7	0.0%	5,006	0.0%	4,003	0.0%	580,946	0.5%	19,073	3.2%	600,019	0.5%
	2028	258,015	0.9%	24,636	0.5%	10,473	0.5%	317,304	0.3%	5,310	0.3%	59.8	0.0%	5,006	0.0%	4,003	0.0%	584,328	0.6%	20,722	3.4%	605,050	0.8%
	2029	260,934	1.1%	24,749	0.5%	10,543	0.7%	318,265	0.3%	5,323	0.2%	59.8	0.1%	5,006	0.0%	4,003	0.0%	588,209	0.7%	19,317	3.2%	607,525	0.4%
	2030	264,027	1.2%	24,858	0.4%	10,621	0.7%	319,215	0.3%	5,336	0.2%	59.8	0.1%	5,006	0.0%	4,003	0.0%	592,251	0.7%	19,453	3.2%	611,704	0.7%
	2031	267,609	1.4%	24,961	0.4%	10,721	0.9%	320,132	0.3%	5,348	0.2%	59.9	0.1%	5,006	0.0%	4,003	0.0%	596,749	0.8%	19,601	3.2%	616,350	0.8%
	2032	271,132	1.3%	25,056	0.4%	10,821	0.9%	321,013	0.3%	5,359	0.2%	59.9	0.1%	5,006	0.0%	4,003	0.0%	601,153	0.7%	21,324	3.4%	622,478	1.0%
	2033	274,697	1.3%	25,149	0.4%	10,923	0.9%	321,891	0.3%	5,369	0.2%	60.0	0.1%	5,006	0.0%	4,003	0.0%	605,596	0.7%	19,891	3.2%	625,487	0.5%
	2034	278,296	1.3%	25,240	0.4%	11,026	0.9%	322,776	0.3%	5,379	0.2%	60.0	0.1%	5,006	0.0%	4,003	0.0%	610,081	0.7%	20,040	3.2%	630,120	0.7%
	2035	282,148	1.4%	25,330	0.4%	11,139	1.0%	323,671	0.3%	5,389	0.2%	60.1	0.1%	5,006	0.0%	4,003	0.0%	614,828	0.8%	20,199	3.2%	635,027	0.8%
	2036	285,978	1.4%	25,417	0.3%	11,252	1.0%	324,575	0.3%	5,398	0.2%	60.1	0.1%	5,006	0.0%	4,003	0.0%	619,562	0.8%	21,980	3.4%	641,542	1.0%
	2037	289,342	1.2%	25,498	0.3%	11,348	0.9%	325,454	0.3%	5,406	0.2%	60.2	0.1%	5,006	0.0%	4,003	0.0%	623,805	0.7%	20,494	3.2%	644,298	0.4%
	2038	292,975	1.3%	25,578	0.3%	11,454	0.9%	326,336	0.3%	5,414	0.1%	60.3	0.1%	5,006	0.0%	4,003	0.0%	628,320	0.7%	20,643	3.2%	648,963	0.7%
	2039	296,387	1.2%	25,657	0.3%	11,552	0.9%	327,153	0.3%	5,422	0.1%	60.3	0.1%	5,006	0.0%	4,003	0.0%	632,548	0.7%	20,787	3.2%	653,336	0.7%
	2040	300,219	1.3%	25,737	0.3%	11,665	1.0%	327,928	0.2%	5,430	0.1%	60.4	0.1%	5,006	0.0%	4,003	0.0%	637,156	0.7%	22,618	3.4%	659,775	1.0%
	2041	304,069	1.3%	25,815	0.3%	11,779	1.0%	328,663	0.2%	5,437	0.1%	60.5	0.1%	5,006	0.0%	4,003	0.0%	641,741	0.7%	21,094	3.2%	662,835	0.5%
	2042	307,930	1.3%	25,894	0.3%	11,892	1.0%	329,420	0.2%	5,444	0.1%	60.5	0.1%	5,006	0.0%	4,003	0.0%	646,359	0.7%	21,248	3.2%	667,607	0.7%
CAGR	2013-2022		2.5%		0.6%		1.9%		0.8%		0.4%		0.3%		-1.8%		-4.5%		1.4%		3.6%		1.3%
	2023-2032		1.0%		0.5%		0.6%		0.1%		0.3%		-0.2%		0.0%		0.0%		0.5%		3.3%		0.5%
	2033-2042		1.3%		0.3%		0.9%		0.3%		0.2%		0.1%		0.0%		0.0%		0.7%		3.2%		0.7%

CAGR - Compound Average Growth Rate.

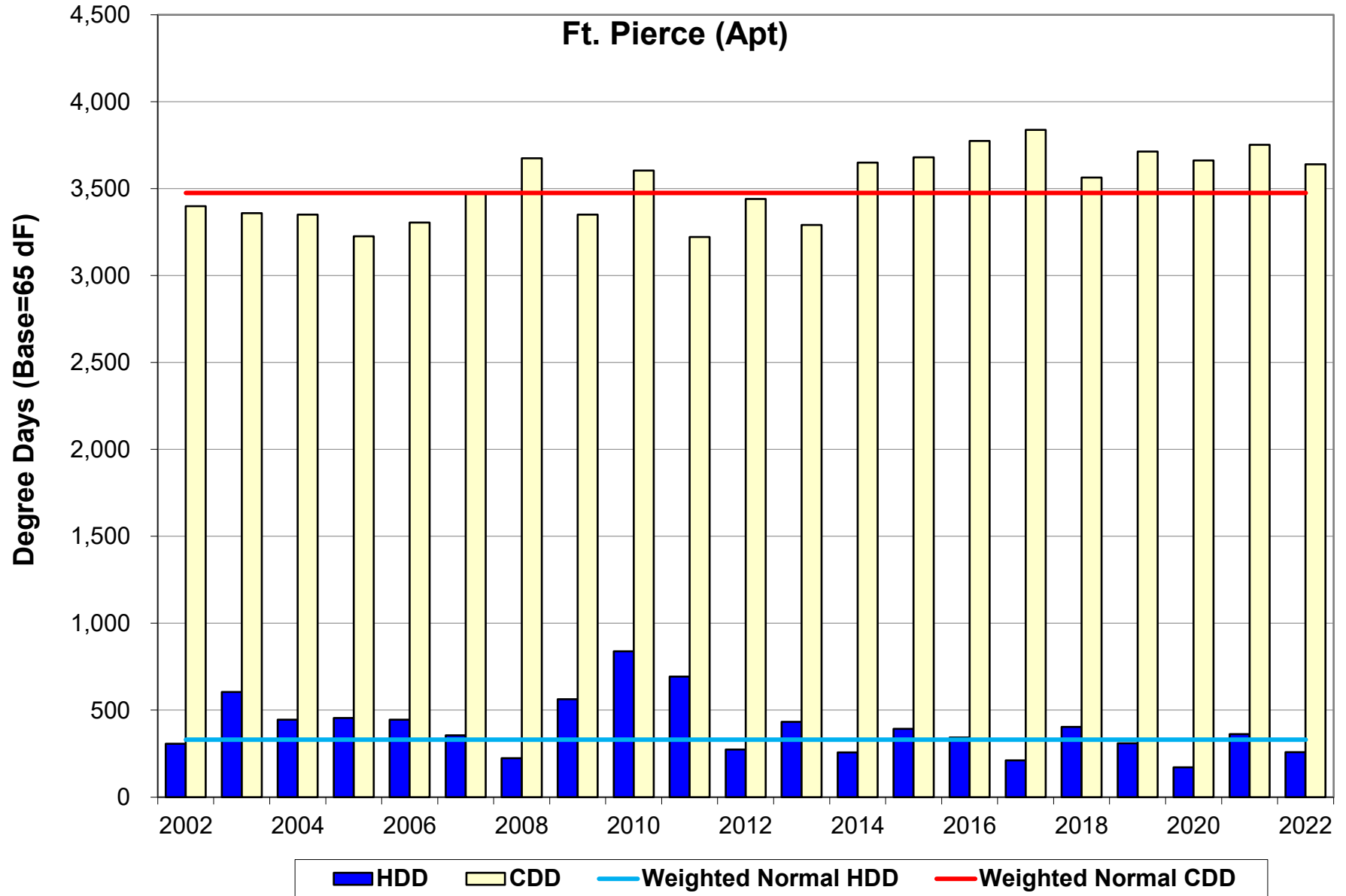
FMPA 2023 Load Forecast

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
2002	205.8	-	82.8	-	75.4	-	2.84	-	5,665	-	6,283	-	75,886	-
2003	214.9	4.4%	86.5	4.5%	80.7	7.0%	2.93	3.3%	5,976	5.5%	6,632	5.6%	76,628	1.0%
2004	228.5	6.3%	91.3	5.5%	90.4	12.1%	3.70	26.2%	6,832	14.3%	7,450	12.3%	81,596	6.5%
2005	242.0	5.9%	96.4	5.6%	97.2	7.5%	3.54	-4.4%	7,462	9.2%	8,103	8.8%	84,065	3.0%
2006	255.3	5.5%	101.1	4.9%	102.2	5.1%	3.83	8.3%	8,110	8.7%	8,511	5.0%	84,165	0.1%
2007	266.9	4.5%	105.7	4.6%	102.8	0.6%	3.35	-12.5%	8,168	0.7%	8,898	4.6%	84,162	0.0%
2008	273.2	2.4%	107.3	1.5%	100.0	-2.7%	2.89	-13.7%	7,821	-4.3%	9,221	3.6%	85,902	2.1%
2009	274.3	0.4%	106.9	-0.4%	95.5	-4.5%	2.32	-19.9%	7,748	-0.9%	8,946	-3.0%	83,681	-2.6%
2010	278.3	1.4%	108.9	1.9%	95.3	-0.2%	2.31	-0.1%	7,466	-3.7%	8,977	0.4%	82,437	-1.5%
2011	279.9	0.6%	110.0	1.0%	97.6	2.4%	2.42	4.8%	7,407	-0.8%	9,310	3.7%	84,628	2.7%
2012	281.9	0.7%	111.9	1.7%	99.4	1.8%	2.63	8.4%	7,476	0.9%	9,555	2.6%	85,399	0.9%
2013	283.7	0.6%	112.3	0.4%	101.3	1.9%	2.93	11.6%	7,747	3.6%	9,538	-0.2%	84,905	-0.6%
2014	287.8	1.5%	114.5	2.0%	105.3	4.0%	3.27	11.6%	7,874	1.6%	9,912	3.9%	86,531	1.9%
2015	294.5	2.3%	117.2	2.3%	109.6	4.1%	3.49	6.6%	8,136	3.3%	10,522	6.2%	89,762	3.7%
2016	302.2	2.6%	120.0	2.4%	113.6	3.6%	3.82	9.5%	8,474	4.2%	11,235	6.8%	93,625	4.3%
2017	309.1	2.3%	121.6	1.3%	118.4	4.2%	3.95	3.3%	8,766	3.5%	11,557	2.9%	95,075	1.5%
2018	315.6	2.1%	123.8	1.9%	124.4	5.1%	4.17	5.5%	9,046	3.2%	11,982	3.7%	96,754	1.8%
2019	322.7	2.3%	126.1	1.8%	127.9	2.8%	4.44	6.6%	9,245	2.2%	12,373	3.3%	98,147	1.4%
2020	331.3	2.6%	127.4	1.0%	124.2	-2.9%	4.44	0.0%	9,337	1.0%	13,330	7.7%	104,656	6.6%
2021	340.2	2.7%	132.8	4.2%	131.0	5.5%	4.66	4.8%	10,149	8.7%	13,408	0.6%	100,990	-3.5%
2022	347.1	2.0%	136.0	2.4%	135.3	3.3%	4.76	2.2%	10,629	4.7%	14,015	4.5%	103,052	2.0%
2023	353.9	2.0%	139.2	2.3%	139.6	3.2%	4.86	2.1%	11,109	4.5%	14,628	4.4%	105,109	2.0%
2024	360.9	2.0%	142.3	2.2%	143.0	2.5%	4.96	2.1%	11,512	3.6%	15,191	3.9%	106,784	1.6%
2025	367.8	1.9%	145.3	2.1%	146.7	2.6%	5.07	2.2%	11,923	3.6%	15,764	3.8%	108,498	1.6%
2026	374.4	1.8%	148.1	1.9%	150.1	2.3%	5.17	2.0%	12,327	3.4%	16,312	3.5%	110,155	1.5%
2027	381.0	1.8%	150.8	1.9%	153.5	2.3%	5.27	2.0%	12,741	3.4%	16,873	3.4%	111,861	1.5%
2028	387.6	1.7%	153.6	1.8%	156.9	2.2%	5.38	2.0%	13,163	3.3%	17,446	3.4%	113,605	1.6%
2029	394.3	1.7%	156.3	1.7%	160.3	2.2%	5.49	2.0%	13,596	3.3%	18,029	3.3%	115,383	1.6%
2030	401.1	1.7%	158.9	1.7%	163.8	2.2%	5.60	2.0%	14,038	3.3%	18,620	3.3%	117,179	1.6%
2031	407.3	1.5%	161.3	1.5%	167.1	2.0%	5.71	1.9%	14,468	3.1%	19,180	3.0%	118,925	1.5%
2032	413.6	1.5%	163.6	1.5%	170.3	2.0%	5.82	1.9%	14,907	3.0%	19,753	3.0%	120,716	1.5%
2033	420.0	1.5%	166.0	1.4%	173.6	1.9%	5.93	1.9%	15,355	3.0%	20,336	2.9%	122,528	1.5%
2034	426.4	1.5%	168.3	1.4%	176.9	1.9%	6.05	1.9%	15,814	3.0%	20,929	2.9%	124,358	1.5%
2035	432.8	1.5%	170.6	1.4%	180.3	1.9%	6.16	2.0%	16,282	3.0%	21,534	2.9%	126,207	1.5%
2036	438.8	1.4%	172.8	1.2%	183.4	1.7%	6.28	1.9%	16,740	2.8%	22,107	2.7%	127,967	1.4%
2037	444.9	1.4%	174.9	1.2%	186.6	1.7%	6.40	1.9%	17,207	2.8%	22,686	2.6%	129,720	1.4%
2038	451.0	1.4%	177.0	1.2%	189.7	1.7%	6.52	1.9%	17,683	2.8%	23,277	2.6%	131,487	1.4%
2039	457.1	1.4%	179.2	1.2%	192.9	1.7%	6.64	1.9%	18,169	2.7%	23,878	2.6%	133,265	1.4%
2040	463.4	1.4%	181.3	1.2%	196.2	1.7%	6.77	1.9%	18,665	2.7%	24,481	2.5%	135,007	1.3%
2041	469.4	1.3%	183.4	1.2%	199.3	1.6%	6.89	1.9%	19,161	2.7%	25,070	2.4%	136,666	1.2%
2042	475.5	1.3%	185.6	1.2%	202.5	1.6%	7.02	1.9%	19,666	2.6%	25,668	2.4%	138,289	1.2%
Average Percent Change														
2012-2022	2.1%		2.0%		3.1%		6.1%		3.6%		3.9%		1.9%	
2023-2032	1.7%		1.8%		2.2%		2.0%		3.3%		3.4%		1.6%	
2033-2042	1.4%		1.3%		1.7%		1.9%		2.8%		2.7%		1.4%	



Green Cove Springs

FMPA 2023 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.
Historical	2013	113,318	-	114,705	-	1.2%	24.4	-	26.2	-	7.6%	24.2	-	24.6		1.7%
	2014	110,365	-2.6%	111,690	-2.6%	1.2%	24.2	-0.6%	25.9	-1.1%	7.1%	21.4	-11.4%	21.6	-12.1%	0.8%
	2015	111,412	0.9%	110,108	-1.4%	-1.2%	27.5	13.7%	26.0	0.2%	-5.6%	23.1	7.7%	25.1	16.1%	8.7%
	2016	113,675	2.0%	111,778	1.5%	-1.7%	19.6	-28.8%	25.8	-0.9%	31.4%	24.4	5.9%	24.4	-2.6%	-0.1%
	2017	109,525	-3.7%	111,698	-0.1%	2.0%	16.8	-14.1%	17.5	-32.0%	4.1%	23.6	-3.4%	24.4	-0.1%	3.4%
	2018	114,995	5.0%	111,695	0.0%	-2.9%	30.6	81.5%	28.4	62.0%	-7.1%	23.1	-2.1%	22.4	-8.2%	-3.0%
	2019	114,909	-0.1%	111,593	-0.1%	-2.9%	17.6	-42.6%	30.7	8.1%	74.9%	25.1	8.8%	24.4	9.1%	-2.8%
	2020	113,625	-1.1%	114,791	2.9%	1.0%	19.6	11.4%	28.2	-8.3%	44.0%	25.1	-0.2%	25.2	3.2%	0.5%
	2021	114,925	1.1%	114,709	-0.1%	-0.2%	27.6	41.0%	28.3	0.4%	2.5%	25.2	0.3%	26.1	3.6%	3.8%
	2022	110,133	-4.2%	110,056	-4.1%	-0.1%	26.3	-4.7%	24.3	-13.8%	-7.4%	21.9	-12.8%	20.7	-20.7%	-5.6%
Projected	2023	115,003	4.4%	115,003	4.5%		26.8	2.0%	26.8	10.1%		24.5	11.8%	24.5	18.5%	
	2024			117,921	2.5%				27.3	1.7%				25.2	2.8%	
	2025			120,749	2.4%				28.1	3.1%				25.8	2.5%	
	2026			124,435	3.1%				29.0	3.1%				26.6	3.1%	
	2027			128,220	3.0%				29.9	3.1%				27.5	3.0%	
	2028			133,205	3.9%				30.9	3.4%				28.5	3.7%	
	2029			137,898	3.5%				32.2	4.1%				29.5	3.7%	
	2030			143,074	3.8%				33.4	3.8%				30.6	3.7%	
	2031			146,626	2.5%				34.2	2.5%				31.4	2.4%	
	2032			150,501	2.6%				35.0	2.1%				32.1	2.4%	
	2033			155,544	3.4%				36.3	4.0%				33.2	3.4%	
	2034			159,484	2.5%				37.2	2.5%				34.0	2.4%	
	2035			163,602	2.6%				38.2	2.4%				34.8	2.4%	
	2036			166,642	1.9%				38.6	1.2%				35.3	1.5%	
	2037			169,195	1.5%				39.3	1.8%				35.9	1.5%	
	2038			171,964	1.6%				39.9	1.5%				36.4	1.4%	
	2039			174,564	1.5%				40.5	1.5%				36.9	1.3%	
	2040			177,501	1.7%				40.9	1.1%				37.3	1.3%	
	2041			179,810	1.3%				41.7	1.8%				37.8	1.3%	
	2042			182,486	1.5%				42.3	1.4%				38.3	1.3%	
CAGR ^[3]	2013-2022		-0.3%		-0.5%			0.8%		-0.8%			-1.1%		-1.9%	
	2023-2032				3.0%					3.0%					3.0%	
	2033-2042				1.8%					1.7%					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 2023 Load Forecast - Base Case
Green Cove Springs (Full Req'ts)
2023 v. 2022 (Base Case) Forecast Results Comparison (Net of Incremental Distr. PV)

		Net Energy for Load (FY)				NCP Demand				CP w/ARP Seasonal CP			
		Current		Previous		Current		Previous		Current		Previous	
		Year	(MWh)	Yearly % Change	(MWh)	Yearly % Change	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)	Summer (MW)	Winter (MW)
Historical	2013	113,318	-	113,318	-	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%	113,625	-1.1%	24.4	25.9	24.4	25.9	19.6	25.1	19.6	25.1
	2021	114,925	1.1%	114,925	1.1%	27.6	25.9	27.6	25.9	27.6	25.2	27.6	25.2
	2022	110,133	-4.2%	116,911	1.7%	26.5	23.8	27.9	25.7	26.3	21.9	27.4	24.7
Projected	2023	115,003	4.4%	120,527	3.1%	27.3	25.4	28.9	26.5	26.8	24.5	28.4	25.5
	2024	117,921	2.5%	124,167	3.0%	27.7	26.1	29.7	27.2	27.3	25.2	29.2	26.2
	2025	120,749	2.4%	127,289	2.5%	28.6	26.8	30.6	28.0	28.1	25.8	30.1	26.9
	2026	124,435	3.1%	131,666	3.4%	29.5	27.6	31.7	29.0	29.0	26.6	31.2	27.9
	2027	128,220	3.0%	136,063	3.3%	30.4	28.5	32.8	29.9	29.9	27.5	32.3	28.8
	2028	133,205	3.9%	142,109	4.4%	31.5	29.6	34.1	31.2	30.9	28.5	33.6	30.1
	2029	137,898	3.5%	147,617	3.9%	32.8	30.7	35.7	32.5	32.2	29.5	35.1	31.3
	2030	143,074	3.8%	153,446	3.9%	34.0	31.9	37.2	33.8	33.4	30.6	36.6	32.6
	2031	146,626	2.5%	157,282	2.5%	34.9	32.7	38.2	34.7	34.2	31.4	37.5	33.4
	2032	150,501	2.6%	162,969	3.6%	35.6	33.5	39.4	35.9	35.0	32.1	38.7	34.5
	2033	155,544	3.4%	166,632	2.2%	37.1	34.7	40.5	36.7	36.3	33.2	39.9	35.4
	2034	159,484	2.5%	170,587	2.4%	38.0	35.6	41.5	37.6	37.2	34.0	40.9	36.2
	2035	163,602	2.6%	174,601	2.4%	38.9	36.5	42.6	38.5	38.2	34.8	41.9	37.1
	2036	166,642	1.9%	177,076	1.4%	39.4	37.1	43.0	39.0	38.6	35.3	42.3	37.5
	2037	169,195	1.5%	178,904	1.0%	40.2	37.8	43.7	39.4	39.3	35.9	43.0	38.0
	2038	171,964	1.6%	180,999	1.2%	40.8	38.4	44.3	39.9	39.9	36.4	43.6	38.4
	2039	174,564	1.5%	183,164	1.2%	41.4	38.9	44.9	40.4	40.5	36.9	44.1	38.8
	2040	177,501	1.7%	185,529	1.3%	41.9	39.5	45.3	40.8	40.9	37.3	44.5	39.3
	2041	179,810	1.3%	187,666	1.2%	42.6	40.1	46.3	41.3	41.7	37.8	45.6	39.7
	2042	182,486	1.5%			43.3	40.7			42.3	38.3		
CAGR ^[1]	Historical		-0.3%		0.2%	0.1%	-0.4%	0.6%	0.6%	1.0%	0.3%	1.9%	2.3%
	1st 10 Prj Yrs		3.0%		3.4%	3.0%	3.1%	3.6%	3.4%	3.0%	3.0%	3.6%	3.4%
	2nd 10 Prj Yrs		1.8%		1.6%	1.7%	1.8%	1.8%	1.6%	1.7%	1.6%	1.8%	1.6%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	9,774	7,922	9,464	115,283	113,625
	2021	9,179	7,901	8,291	8,178	9,839	10,472	11,445	11,967	10,494	9,602	7,775	7,969	113,111	114,925
	2022	9,586	7,966	8,060	8,312	10,490	10,744	10,410	10,425	8,795	9,248	8,174	8,691	110,901	110,133
Projected	2023	9,644	8,211	8,402	8,204	9,574	10,754	11,497	11,708	10,896	9,446	8,248	8,824	115,408	115,003
	2024	9,849	8,618	8,598	8,400	9,821	11,042	11,826	12,043	11,204	9,706	8,468	9,060	118,637	117,921
	2025	10,123	8,650	8,815	8,605	10,059	11,315	12,125	12,344	11,479	10,001	8,717	9,332	121,565	120,749
	2026	10,448	8,924	9,074	8,853	10,350	11,658	12,501	12,735	11,843	10,303	8,973	9,612	125,273	124,435
	2027	10,784	9,207	9,343	9,109	10,650	12,006	12,894	13,133	12,207	10,684	9,296	9,965	129,277	128,220
	2028	11,208	9,786	9,679	9,429	11,025	12,445	13,384	13,634	12,669	11,067	9,621	10,322	134,271	133,205
	2029	11,639	9,927	10,025	9,761	11,416	12,904	13,898	14,161	13,157	11,474	9,967	10,705	139,033	137,898
	2030	12,098	10,313	10,390	10,110	11,827	13,384	14,434	14,710	13,663	11,756	10,208	10,975	143,867	143,074
	2031	12,415	10,580	10,643	10,352	12,112	13,710	14,795	15,079	14,003	12,041	10,452	11,248	147,429	146,626
	2032	12,737	11,106	10,900	10,598	12,402	14,043	15,164	15,457	14,351	12,462	10,823	11,658	151,703	150,501
Projected	2033	13,198	11,249	11,283	10,967	12,840	14,534	15,687	15,992	14,850	12,776	11,093	11,956	156,426	155,544
	2034	13,546	11,542	11,565	11,237	13,158	14,896	16,087	16,400	15,226	13,103	11,375	12,265	160,402	159,484
	2035	13,905	11,845	11,862	11,522	13,492	15,277	16,506	16,828	15,621	13,327	11,572	12,481	164,238	163,602
	2036	14,147	12,334	12,065	11,717	13,720	15,528	16,776	17,101	15,873	13,556	11,774	12,696	167,288	166,642
	2037	14,388	12,252	12,276	11,920	13,956	15,790	17,059	17,389	16,139	13,775	11,967	12,909	169,821	169,195
	2038	14,627	12,455	12,480	12,116	14,186	16,044	17,335	17,669	16,399	13,981	12,146	13,116	172,556	171,964
	2039	14,862	12,652	12,668	12,298	14,400	16,280	17,592	17,930	16,639	14,193	12,331	13,324	175,168	174,564
	2040	15,097	13,157	12,860	12,482	14,616	16,519	17,850	18,193	16,880	14,402	12,512	13,528	178,095	177,501
	2041	15,328	13,045	13,050	12,665	14,832	16,757	18,110	18,458	17,125	14,614	12,698	13,736	180,417	179,810
	2042	15,566	13,246	13,246	12,853	15,053	17,002	18,375	18,726	17,371	14,825	12,881	13,942	183,086	182,486

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	8.5%	6.9%	8.2%	100.0%
	2021	8.1%	7.0%	7.3%	7.2%	8.7%	9.3%	10.1%	10.6%	9.3%	8.5%	6.9%	7.0%	100.0%
	2022	8.6%	7.2%	7.3%	7.5%	9.5%	9.7%	9.4%	9.4%	7.9%	8.3%	7.4%	7.8%	100.0%
Projected	2023	8.4%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.1%	9.4%	8.2%	7.1%	7.6%	100.0%
	2024	8.3%	7.3%	7.2%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.2%	7.1%	7.6%	100.0%
	2025	8.3%	7.1%	7.3%	7.1%	8.3%	9.3%	10.0%	10.2%	9.4%	8.2%	7.2%	7.7%	100.0%
	2026	8.3%	7.1%	7.2%	7.1%	8.3%	9.3%	10.0%	10.2%	9.5%	8.2%	7.2%	7.7%	100.0%
	2027	8.3%	7.1%	7.2%	7.0%	8.2%	9.3%	10.0%	10.2%	9.4%	8.3%	7.2%	7.7%	100.0%
	2028	8.3%	7.3%	7.2%	7.0%	8.2%	9.3%	10.0%	10.2%	9.4%	8.2%	7.2%	7.7%	100.0%
	2029	8.4%	7.1%	7.2%	7.0%	8.2%	9.3%	10.0%	10.2%	9.5%	8.3%	7.2%	7.7%	100.0%
	2030	8.4%	7.2%	7.2%	7.0%	8.2%	9.3%	10.0%	10.2%	9.5%	8.2%	7.1%	7.6%	100.0%
	2031	8.4%	7.2%	7.2%	7.0%	8.2%	9.3%	10.0%	10.2%	9.5%	8.2%	7.1%	7.6%	100.0%
	2032	8.4%	7.3%	7.2%	7.0%	8.2%	9.3%	10.0%	10.2%	9.5%	8.2%	7.1%	7.7%	100.0%
Avg.	2013-2022	8.4%	6.9%	7.2%	7.2%	8.7%	9.4%	10.0%	10.2%	9.1%	8.2%	6.9%	7.5%	100.0%
	2023-2032	8.4%	7.2%	7.2%	7.0%	8.2%	9.3%	10.0%	10.2%	9.5%	8.2%	7.1%	7.7%	100.0%

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

FMPA 2023 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	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	21.4	17.3	24.0	24.4	25.9
	2021	24.1	27.6	18.0	19.4	23.5	23.4	24.7	25.9	22.8	21.4	18.3	17.1	27.6	25.9
	2022	26.5	23.6	17.3	19.3	23.3	23.8	22.0	21.9	21.2	19.5	17.5	21.4	26.5	23.8
Projected	2023	27.3	24.2	19.3	19.5	22.7	24.3	24.9	25.4	23.7	21.0	17.8	21.8	27.3	25.4
	2024	27.7	24.6	19.7	20.0	23.3	25.0	25.6	26.1	24.4	21.6	18.4	22.5	27.7	26.1
	2025	28.6	25.4	20.3	20.6	23.9	25.6	26.2	26.8	25.0	22.1	19.0	23.2	28.6	26.8
	2026	29.5	26.2	20.9	21.2	24.7	26.4	27.0	27.6	25.7	22.8	19.6	23.9	29.5	27.6
	2027	30.4	27.0	21.6	21.9	25.4	27.2	27.9	28.5	26.5	23.5	20.3	24.7	30.4	28.5
	2028	31.5	27.9	22.3	22.7	26.4	28.2	28.9	29.6	27.5	24.5	21.1	25.7	31.5	29.6
	2029	32.8	29.1	23.3	23.6	27.4	29.3	30.1	30.7	28.6	25.4	22.0	26.7	32.8	30.7
	2030	34.0	30.2	24.2	24.5	28.5	30.5	31.2	31.9	29.7	26.4	22.6	27.4	34.0	31.9
	2031	34.9	31.0	24.9	25.2	29.2	31.2	32.0	32.7	30.4	27.1	23.1	28.0	34.9	32.7
	2032	35.6	31.6	25.4	25.8	30.0	32.0	32.8	33.5	31.2	27.8	24.0	29.1	35.6	33.5
Projected	2033	37.1	32.9	26.5	26.8	31.1	33.1	33.9	34.7	32.3	28.8	24.7	29.9	37.1	34.7
	2034	38.0	33.7	27.2	27.5	31.9	34.0	34.8	35.6	33.1	29.6	25.4	30.6	38.0	35.6
	2035	38.9	34.6	27.9	28.2	32.7	34.9	35.7	36.5	34.0	30.4	25.7	31.0	38.9	36.5
	2036	39.4	35.0	28.3	28.7	33.3	35.5	36.3	37.1	34.6	30.9	26.3	31.6	39.4	37.1
	2037	40.2	35.7	28.9	29.2	33.9	36.1	36.9	37.8	35.2	31.4	26.7	32.1	40.2	37.8
	2038	40.8	36.2	29.4	29.7	34.4	36.7	37.6	38.4	35.7	31.9	27.2	32.6	40.8	38.4
	2039	41.4	36.8	29.9	30.2	35.0	37.2	38.1	38.9	36.3	32.5	27.5	32.9	41.4	38.9
	2040	41.9	37.2	30.3	30.6	35.5	37.8	38.7	39.5	36.8	33.0	28.1	33.5	41.9	39.5
	2041	42.6	37.9	30.9	31.1	36.1	38.3	39.3	40.1	37.4	33.5	28.6	34.0	42.6	40.1
	2042	43.3	38.4	31.4	31.6	36.6	38.9	39.8	40.7	37.9	34.0	29.0	34.5	43.3	40.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	56.0%	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%	61.5%	63.7%	53.0%	54.0%	50.1%
	2021	51.2%	42.6%	61.9%	58.7%	56.3%	62.1%	62.2%	62.2%	64.0%	60.2%	59.1%	62.5%	46.8%	50.7%
	2022	48.7%	50.2%	62.6%	59.9%	60.5%	62.8%	63.6%	64.1%	57.5%	63.6%	64.8%	54.5%	47.9%	52.9%
Projected	2023	47.5%	50.5%	58.4%	58.5%	56.8%	61.5%	62.1%	61.9%	63.9%	60.6%	64.3%	54.4%	48.3%	51.6%
	2024	47.7%	50.3%	58.8%	58.2%	56.6%	61.4%	62.1%	61.9%	63.9%	60.5%	64.0%	54.2%	48.8%	51.5%
	2025	47.6%	50.7%	58.4%	58.1%	56.6%	61.4%	62.1%	61.9%	63.9%	60.8%	63.8%	54.1%	48.5%	51.4%
	2026	47.6%	50.7%	58.3%	58.0%	56.4%	61.3%	62.1%	61.9%	63.9%	60.7%	63.6%	54.0%	48.5%	51.4%
	2027	47.6%	50.7%	58.2%	57.8%	56.3%	61.3%	62.2%	61.9%	63.9%	61.0%	63.7%	54.2%	48.5%	51.4%
	2028	47.9%	50.3%	58.2%	57.6%	56.1%	61.2%	62.2%	62.0%	63.9%	60.8%	63.2%	53.9%	48.7%	51.4%
	2029	47.7%	50.8%	57.9%	57.4%	55.9%	61.1%	62.2%	62.0%	63.9%	60.7%	63.0%	53.8%	48.4%	51.3%
	2030	47.8%	50.8%	57.7%	57.2%	55.8%	61.0%	62.2%	62.0%	63.9%	59.8%	62.8%	53.8%	48.3%	51.2%
	2031	47.8%	50.8%	57.5%	57.1%	55.7%	61.0%	62.2%	62.0%	63.9%	59.7%	62.9%	54.0%	48.2%	51.2%
	2032	48.0%	50.4%	57.6%	57.0%	55.6%	60.9%	62.1%	62.0%	63.9%	60.3%	62.5%	53.8%	48.6%	51.3%
Avg.	2013-2022	50.5%	51.3%	58.2%	59.8%	59.3%	61.6%	63.3%	63.2%	62.0%	61.0%	59.0%	56.9%	48.9%	51.8%
	2023-2032	47.7%	50.6%	58.1%	57.7%	56.2%	61.2%	62.1%	61.9%	63.9%	60.5%	63.4%	54.0%	48.5%	51.4%

FMPA 2023 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	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	21.0	13.9	24.0	19.6	25.1
	2021	24.1	27.6	17.0	19.0	23.5	21.9	24.7	25.2	19.2	21.4	14.1	13.9	27.6	25.2
	2022	26.3	23.6	16.0	15.9	22.3	21.9	20.9	21.7	21.2	18.7	15.6	19.2	26.3	21.9
Projected	2023	26.8	22.2	17.2	18.8	22.3	23.6	23.8	24.5	22.6	20.0	15.9	19.5	26.8	24.5
	2024	27.3	22.6	17.5	19.4	22.9	24.3	24.5	25.2	23.2	20.6	16.4	20.1	27.3	25.2
	2025	28.1	23.3	18.1	19.8	23.5	24.9	25.1	25.8	23.8	21.1	16.9	20.8	28.1	25.8
	2026	29.0	24.0	18.6	20.5	24.3	25.7	25.9	26.6	24.6	21.8	17.4	21.4	29.0	26.6
	2027	29.9	24.7	19.2	21.1	25.0	26.4	26.6	27.5	25.3	22.4	18.0	22.2	29.9	27.5
	2028	30.9	25.6	19.9	21.9	25.9	27.4	27.6	28.5	26.2	23.3	18.7	23.1	30.9	28.5
	2029	32.2	26.6	20.7	22.7	26.9	28.4	28.7	29.5	27.2	24.1	19.5	23.9	32.2	29.5
	2030	33.4	27.6	21.5	23.6	27.9	29.5	29.7	30.6	28.2	25.0	19.9	24.5	33.4	30.6
	2031	34.2	28.3	22.0	24.1	28.6	30.2	30.4	31.4	28.9	25.7	20.4	25.1	34.2	31.4
	2032	35.0	28.9	22.5	24.7	29.3	30.9	31.1	32.1	29.6	26.3	21.2	26.0	35.0	32.1
Projected	2033	36.3	30.1	23.4	25.6	30.3	31.9	32.2	33.2	30.6	27.2	21.7	26.7	36.3	33.2
	2034	37.2	30.8	23.9	26.2	31.1	32.7	33.0	34.0	31.3	27.9	22.2	27.3	37.2	34.0
	2035	38.2	31.6	24.5	26.8	31.8	33.5	33.8	34.8	32.0	28.5	22.5	27.7	38.2	34.8
	2036	38.6	31.9	24.8	27.2	32.3	34.0	34.3	35.3	32.5	29.0	22.9	28.2	38.6	35.3
	2037	39.3	32.5	25.3	27.6	32.8	34.5	34.8	35.9	33.0	29.4	23.2	28.6	39.3	35.9
	2038	39.9	33.0	25.7	28.0	33.3	35.0	35.3	36.4	33.5	29.8	23.6	29.0	39.9	36.4
	2039	40.5	33.5	26.0	28.4	33.7	35.5	35.7	36.9	33.9	30.2	23.8	29.3	40.5	36.9
	2040	40.9	33.9	26.3	28.8	34.2	35.9	36.2	37.3	34.4	30.6	24.3	29.9	40.9	37.3
	2041	41.7	34.5	26.8	29.2	34.7	36.4	36.7	37.8	34.8	31.1	24.6	30.3	41.7	37.8
	2042	42.3	35.0	27.2	29.6	35.1	36.9	37.2	38.3	35.3	31.5	25.0	30.7	42.3	38.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	98.4%	80.8%	100.0%	80.3%	97.0%
	2021	100.0%	100.0%	94.7%	98.2%	100.0%	93.5%	100.0%	97.4%	84.3%	99.6%	76.9%	81.2%	100.0%	97.4%
	2022	99.4%	100.0%	92.2%	82.6%	95.6%	92.4%	95.0%	99.4%	100.0%	95.5%	89.1%	89.7%	99.4%	92.4%
Projected	2023	98.3%	91.6%	89.2%	96.6%	98.5%	97.3%	95.7%	96.5%	95.5%	95.5%	89.1%	89.7%	98.3%	96.5%
	2024	98.3%	91.6%	89.2%	96.5%	98.5%	97.3%	95.7%	96.5%	95.5%	95.5%	89.1%	89.7%	98.3%	96.5%
	2025	98.3%	91.6%	89.2%	96.5%	98.4%	97.2%	95.6%	96.4%	95.4%	95.4%	89.0%	89.7%	98.3%	96.4%
	2026	98.3%	91.6%	89.1%	96.4%	98.4%	97.2%	95.6%	96.4%	95.4%	95.4%	89.0%	89.6%	98.3%	96.4%
	2027	98.2%	91.6%	89.1%	96.4%	98.3%	97.1%	95.5%	96.3%	95.3%	95.3%	88.8%	89.6%	98.2%	96.3%
	2028	98.2%	91.6%	89.0%	96.3%	98.2%	97.0%	95.5%	96.3%	95.2%	95.2%	88.7%	89.6%	98.2%	96.3%
	2029	98.2%	91.5%	88.9%	96.2%	98.1%	96.9%	95.4%	96.2%	95.1%	95.0%	88.6%	89.6%	98.2%	96.2%
	2030	98.2%	91.5%	88.7%	96.0%	98.0%	96.8%	95.2%	96.0%	95.0%	94.9%	88.4%	89.5%	98.2%	96.0%
	2031	98.1%	91.5%	88.6%	95.9%	97.9%	96.7%	95.1%	95.9%	94.9%	94.7%	88.3%	89.5%	98.1%	95.9%
	2032	98.1%	91.4%	88.4%	95.7%	97.7%	96.6%	95.0%	95.8%	94.7%	94.5%	88.1%	89.4%	98.1%	95.8%
	2013-2022	98.3%	91.6%	89.3%	96.6%	98.5%	97.3%	95.7%	96.4%	95.5%	95.8%	91.7%	88.7%	87.9%	95.4%
	2023-2032	98.2%	91.6%	88.9%	96.2%	98.2%	97.0%	95.4%	96.2%	95.2%	95.1%	88.7%	89.6%	98.2%	96.2%

FMPA 2023 Load Forecast - Base Case - Green Cove Springs

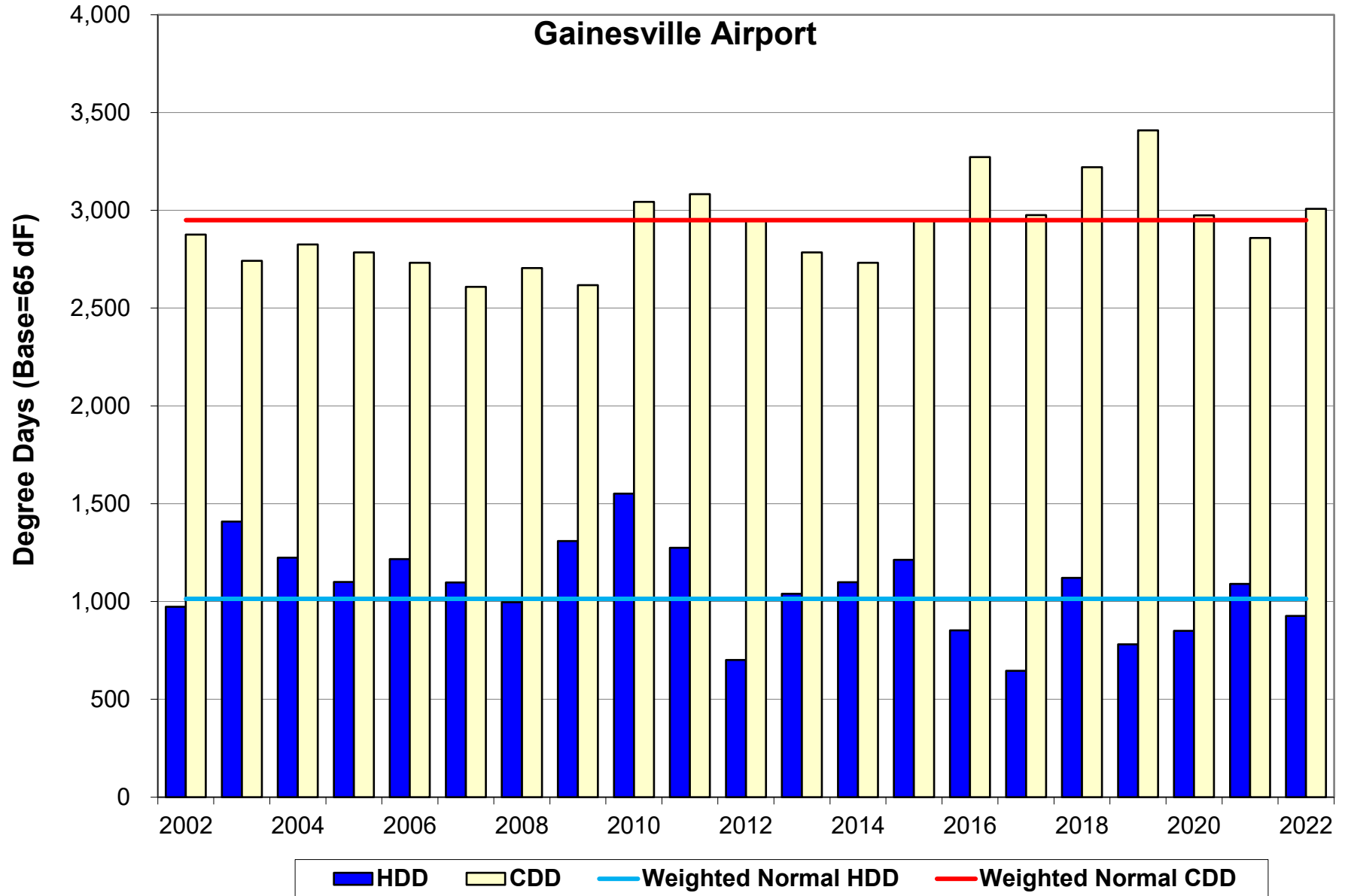
Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV)
(Fiscal Year 2013-2042)

		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)	(%)	(MWh)	% Chg
Historical	2013	40,364		3,155		12,795		12,146		535		22.7		42,018		105		1.0%	400		5,852		3		1,951		2,883		103,263		10,055	8.9%	113,318	
	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%	
	2021	50,492	1.1%	3,624	2.3%	13,932	-1.2%	8,251	-8.4%	546	-0.6%	15.1	-7.9%	47,525	5.6%	154	9.1%	308	-3.3%	0	0.0%	0	0.0%	0	0.0%	3,873	2.3%	110,141	2.2%	4,784	4.2%	114,925	1.1%	
	2022	51,199	1.4%	3,687	1.7%	13,885	-0.3%	8,577	4.0%	550	0.7%	15.6	3.3%	44,923	-5.5%	157	1.8%	286	-7.2%	0	0.0%	0	0.0%	0	0.0%	4,210	8.7%	108,909	-1.1%	1,224	1.1%	110,133	-4.2%	
Projected	2023	53,397	4.3%	3,808	3.3%	14,023	1.0%	8,655	0.9%	558	1.5%	15.5	-0.6%	44,536	-0.9%	160	1.6%	279	-2.4%	0	0.0%	0	0.0%	0	0.0%	3,941	-6.4%	110,529	1.5%	4,561	4.0%	115,090	4.5%	
	2024	55,911	4.7%	3,934	3.3%	14,212	1.4%	8,662	0.1%	570	2.1%	15.2	-2.0%	44,816	0.6%	164	2.9%	273	-2.2%	0	0.0%	0	0.0%	0	0.0%	3,970	0.7%	113,360	2.6%	4,723	4.0%	118,083	2.6%	
	2025	58,200	4.1%	4,062	3.3%	14,326	0.8%	8,644	-0.2%	578	1.5%	14.9	-1.7%	45,469	1.5%	168	2.7%	270	-1.2%	0	0.0%	0	0.0%	0	0.0%	4,040	1.8%	116,352	2.6%	4,644	3.8%	120,996	2.5%	
	2026	61,255	5.3%	4,247	4.5%	14,423	0.7%	8,615	-0.3%	585	1.2%	14.7	-1.5%	46,011	1.2%	173	2.5%	267	-1.2%	0	0.0%	0	0.0%	0	0.0%	4,114	1.8%	119,995	3.1%	4,786	3.8%	124,781	3.1%	
	2027	64,389	5.1%	4,428	4.3%	14,543	0.8%	8,607	-0.1%	592	1.1%	14.5	-1.2%	46,566	1.2%	177	2.3%	264	-1.0%	0	0.0%	0	0.0%	0	0.0%	4,187	1.8%	123,750	3.1%	4,934	3.8%	128,684	3.1%	
	2028	68,440	6.3%	4,673	5.5%	14,646	0.7%	8,602	-0.1%	599	1.2%	14.4	-1.2%	47,167	1.3%	180	2.2%	261	-0.9%	0	0.0%	0	0.0%	0	0.0%	4,260	1.8%	128,469	3.8%	5,342	4.0%	133,812	4.0%	
	2029	72,594	6.1%	4,918	5.2%	14,760	0.8%	8,596	-0.1%	605	1.1%	14.2	-1.2%	47,832	1.4%	184	2.1%	260	-0.7%	0	0.0%	0	0.0%	0	0.0%	4,334	1.7%	133,357	3.8%	5,312	3.8%	138,669	3.6%	
	2030	76,947	6.0%	5,162	5.0%	14,905	1.0%	8,646	0.6%	612	1.1%	14.1	-0.5%	48,521	1.4%	188	2.1%	258	-0.7%	0	0.0%	0	0.0%	0	0.0%	4,409	1.7%	138,524	3.9%	5,516	3.8%	144,040	3.9%	
	2031	79,753	3.6%	5,292	2.5%	15,072	1.1%	8,705	0.7%	618	1.0%	14.1	-0.4%	49,212	1.4%	192	2.1%	256	-0.6%	0	0.0%	0	0.0%	0	0.0%	4,483	1.7%	142,154	2.6%	5,660	3.8%	147,813	2.6%	
	2032	82,667	3.7%	5,419	2.4%	15,256	1.2%	8,755	0.6%	625	1.0%	14.0	-0.4%	49,895	1.4%	196	1.9%	255	-0.5%	0	0.0%	0	0.0%	0	0.0%	4,555	1.6%	145,871	2.6%	6,060	4.0%	151,932	2.8%	
	2033	85,660	3.6%	5,544	2.3%	15,450	1.3%	8,817	0.7%	631	1.0%	14.0	-0.3%	50,567	1.3%	199	1.9%	254	-0.6%	1,547	0.0%	1	0.0%	1,501	0.0%	4,627	1.6%	151,220	3.7%	6,019	3.8%	157,239	3.5%	
	2034	88,686	3.5%	5,668	2.2%	15,647	1.3%	8,899	0.9%	637	1.0%	14.0	0.0%	51,242	1.3%	203	1.9%	252	-0.6%	1,647	6.5%	1	6.5%	1,501	0.0%	4,700	1.6%	155,174	2.6%	6,176	3.8%	161,350	2.6%	
	2035	91,797	3.5%	5,792	2.2%	15,848	1.3%	8,998	1.1%	643	1.0%	14.0	0.1%	51,923	1.3%	207	1.9%	251	-0.5%	1,747	6.1%	1	6.1%	1,501	0.0%	4,773	1.6%	159,239	2.6%	6,337	3.8%	165,576	2.6%	
	2036	93,575	1.9%	5,829	0.6%	16,054	1.3%	9,094	1.1%	649	0.9%	14.0	0.1%	52,607	1.3%	211	1.8%	250	-0.5%	1,847	5.7%	1	5.7%	1,501	0.0%	4,846	1.5%	161,969	1.7%	6,728	4.0%	168,698	1.9%	
	2037	95,328	1.9%	5,861	0.6%	16,265	1.3%	9,180	0.9%	655	0.9%	14.0	0.0%	53,282	1.3%	215	1.8%	248	-0.5%	1,947	5.4%	1	5.4%	1,501	0.0%	4,916	1.5%	164,654	1.7%	6,554	3.8%	171,207	1.5%	
	2038	97,155	1.9%	5,893	0.5%	16,487	1.4%	9,271	1.0%	661	0.9%	14.0	0.1%	53,947	1.2%	218	1.7%	247	-0.5%	2,047	5.1%	1	5.1%	1,501	0.0%	4,987	1.4%	167,407	1.7%	6,664	3.8%	174,070	1.7%	
	2039	98,993	1.9%	5,925	0.5%	16,708	1.3%	9,361	1.0%	666	0.9%	14.0	0.1%	54,605	1.2%	222	1.7%	246	-0.5%	2,147	4.9%	1	4.9%	1,501	0.0%	5,058	1.4%	170,165	1.6%	6,774	3.8%	176,939	1.6%	
	2040	100,809	1.8%	5,956	0.5%	16,926	1.3%	9,437	0.8%	672	0.9%	14.0	-0.1%	55,263	1.2%	226	1.7%	245	-0.5%	2,247	4.7%	1	4.7%	1,501	0.0%	5,130	1.4%	172,886	1.6%	7,183	4.0%	180,070	1.8%	
	2041	102,606	1.8%	5,986	0.5%	17,142	1.3%	9,492	0.6%	678	0.9%	14.0	-0.3%	55,921	1.2%	230	1.7%	244	-0.5%	2,347	4.4%	2	4.5%	1,501	0.0%	5,202	1.4%	175,569	1.6%	6,990	3.8%	182,558	1.4%	
	2042	104,439	1.8%	6,016	0.5%	17,359	1.3%	9,561	0.7%	684	0.9%	14.0	-0.1%	56,579	1.2%	233	1.6%	242	-0.5%	2,447	4.3%	2	4.3%	1,501	0.0%	5,273	1.4%	178,299	1.6%	7,099	3.8%	185,398	1.6%	
CAGR	2013-2022		2.7%		1.7%		0.9%		-3.8%		0.3%		-4.1%		4.6%		-3.7%		-100.0%		-100.0%		-100.0%		-100.0%		4.3%		0.6%		5.3%		-0.3%	
	2023-2032		5.0%		4.0%		0.9%		0.1%		1.3%		-1.1%		1.3%		-1.0%		0.0%		0.0%		0.0%		0.0%		1.6%		3.1%		3.9%		3.1%	
	2033-2042		2.2%		0.9%		1.3%		0.9%		0.9%		0.0%		1.8%		-0.5%		0.0%		0.0%		0.0%		0.0%		1.5%		1.8%		3.9%		1.8%	

CAGR - Compound Average Growth Rate.

FMPA 2023 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
2002	150.9	-	54.8	-	50.8	-	1.63	-	3,137	-	5,427	-	98,957	-
2003	155.6	3.1%	57.0	4.0%	53.8	5.9%	1.58	-2.8%	3,354	6.9%	5,771	6.3%	101,219	2.3%
2004	163.2	4.9%	59.4	4.2%	56.3	4.5%	1.65	4.2%	3,628	8.2%	6,055	4.9%	101,923	0.7%
2005	169.4	3.8%	61.6	3.8%	60.4	7.4%	1.77	7.3%	3,910	7.8%	6,434	6.3%	104,382	2.4%
2006	178.3	5.3%	64.7	4.9%	65.5	8.4%	1.97	11.1%	4,081	4.4%	6,784	5.4%	104,902	0.5%
2007	184.3	3.3%	67.0	3.6%	66.4	1.5%	1.79	-8.9%	4,290	5.1%	7,038	3.8%	105,057	0.1%
2008	187.3	1.6%	67.8	1.1%	65.6	-1.3%	1.75	-2.5%	4,137	-3.6%	7,044	0.1%	103,945	-1.1%
2009	189.1	1.0%	68.0	0.3%	63.2	-3.6%	1.47	-15.8%	4,069	-1.6%	6,802	-3.4%	100,086	-3.7%
2010	191.5	1.2%	69.0	1.5%	62.0	-1.8%	1.24	-15.5%	3,933	-3.3%	6,881	1.2%	99,723	-0.4%
2011	192.0	0.3%	69.8	1.1%	61.7	-0.6%	1.35	8.5%	3,872	-1.6%	7,060	2.6%	101,174	1.5%
2012	193.3	0.7%	70.8	1.4%	62.9	1.9%	1.39	3.0%	3,912	1.0%	7,117	0.8%	100,579	-0.6%
2013	194.8	0.8%	72.1	1.9%	65.7	4.6%	1.52	9.4%	4,059	3.8%	7,145	0.4%	99,089	-1.5%
2014	197.5	1.4%	73.6	2.0%	68.0	3.4%	1.48	-2.5%	4,265	5.1%	7,469	4.5%	101,519	2.5%
2015	201.1	1.8%	75.3	2.4%	69.8	2.6%	1.48	-0.3%	4,541	6.5%	7,904	5.8%	104,957	3.4%
2016	205.6	2.3%	77.1	2.4%	72.9	4.4%	1.60	7.9%	4,809	5.9%	8,298	5.0%	107,629	2.5%
2017	210.3	2.3%	78.2	1.5%	76.3	4.7%	1.77	10.8%	4,910	2.1%	8,486	2.3%	108,481	0.8%
2018	213.5	1.5%	79.8	2.0%	79.2	3.8%	1.78	0.5%	5,112	4.1%	8,679	2.3%	108,735	0.2%
2019	216.3	1.3%	81.2	1.7%	81.0	2.3%	1.93	8.4%	5,294	3.6%	8,930	2.9%	110,007	1.2%
2020	218.8	1.1%	81.8	0.7%	77.8	-3.9%	1.72	-11.0%	5,229	-1.2%	9,452	5.9%	115,606	5.1%
2021	222.0	1.5%	83.3	1.9%	83.1	6.8%	1.86	8.2%	5,623	7.5%	9,477	0.3%	113,797	-1.6%
2022	225.5	1.6%	85.0	2.1%	85.7	3.2%	1.92	3.6%	5,824	3.6%	9,796	3.4%	115,229	1.3%
2023	229.0	1.6%	86.7	2.0%	88.3	3.1%	1.99	3.6%	6,025	3.5%	10,120	3.3%	116,749	1.3%
2024	232.5	1.5%	88.3	1.9%	90.3	2.2%	2.00	0.7%	6,175	2.5%	10,457	3.3%	118,427	1.4%
2025	236.1	1.5%	89.9	1.8%	92.3	2.2%	2.02	0.7%	6,333	2.6%	10,801	3.3%	120,182	1.5%
2026	239.4	1.4%	91.3	1.6%	94.2	2.0%	2.03	0.6%	6,482	2.4%	11,134	3.1%	121,931	1.5%
2027	242.7	1.4%	92.7	1.5%	96.1	2.0%	2.04	0.5%	6,633	2.3%	11,475	3.1%	123,743	1.5%
2028	246.1	1.4%	94.1	1.5%	98.0	2.0%	2.05	0.6%	6,785	2.3%	11,823	3.0%	125,615	1.5%
2029	249.4	1.4%	95.5	1.4%	100.0	2.0%	2.06	0.6%	6,940	2.3%	12,178	3.0%	127,560	1.5%
2030	252.8	1.3%	96.8	1.4%	101.9	2.0%	2.07	0.6%	7,097	2.3%	12,540	3.0%	129,566	1.6%
2031	255.9	1.2%	98.0	1.2%	103.8	1.9%	2.08	0.5%	7,248	2.1%	12,890	2.8%	131,549	1.5%
2032	259.0	1.2%	99.2	1.2%	105.7	1.8%	2.09	0.5%	7,402	2.1%	13,246	2.8%	133,588	1.5%
2033	262.1	1.2%	100.3	1.2%	107.7	1.8%	2.10	0.4%	7,558	2.1%	13,609	2.7%	135,675	1.6%
2034	265.2	1.2%	101.4	1.1%	109.6	1.8%	2.11	0.5%	7,715	2.1%	13,979	2.7%	137,806	1.6%
2035	268.3	1.2%	102.6	1.1%	111.6	1.8%	2.12	0.5%	7,875	2.1%	14,356	2.7%	139,981	1.6%
2036	271.2	1.1%	103.6	1.0%	113.5	1.7%	2.13	0.4%	8,030	2.0%	14,719	2.5%	142,113	1.5%
2037	274.1	1.1%	104.6	1.0%	115.4	1.7%	2.14	0.4%	8,187	2.0%	15,088	2.5%	144,277	1.5%
2038	276.9	1.0%	105.6	1.0%	117.4	1.7%	2.15	0.4%	8,345	1.9%	15,464	2.5%	146,472	1.5%
2039	279.8	1.0%	106.6	0.9%	119.3	1.7%	2.16	0.4%	8,506	1.9%	15,846	2.5%	148,701	1.5%
2040	282.6	1.0%	107.5	0.9%	121.3	1.7%	2.16	0.4%	8,668	1.9%	16,235	2.5%	150,950	1.5%
2041	285.3	1.0%	108.5	0.9%	123.3	1.6%	2.17	0.4%	8,828	1.8%	16,615	2.3%	153,141	1.5%
2042	288.1	1.0%	109.5	0.9%	125.2	1.6%	2.18	0.3%	8,990	1.8%	17,002	2.3%	155,307	1.4%
Average Percent Change														
2012-2022		1.6%		1.9%		3.2%		3.3%		4.1%		3.2%		1.4%
2023-2032		1.4%		1.5%		2.0%		0.6%		2.3%		3.0%		1.5%
2033-2042		1.1%		1.0%		1.7%		0.4%		2.0%		2.5%		1.5%



Havana

FMPA 2023 Load Forecast - Base Case

Havana

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	2013	24,585	-	25,169	-	2.4%	5.1	-	5.8	-	14.3%	4.7	-	4.8	-	1.9%
	2014	25,176	2.4%	25,028	-0.6%	-0.6%	5.4	6.6%	6.0	2.9%	10.3%	4.8	3.1%	5.1	7.5%	6.2%
	2015	25,771	2.4%	24,834	-0.8%	-3.6%	6.0	11.5%	6.7	12.4%	11.3%	4.6	-3.7%	5.9	15.4%	27.3%
	2016	24,925	-3.3%	24,711	-0.5%	-0.9%	3.1	-47.7%	5.9	-12.0%	87.3%	5.5	18.4%	5.0	-15.0%	-8.7%
	2017	23,634	-5.2%	24,631	-0.3%	4.2%	3.3	5.4%	3.2	-45.2%	-2.6%	3.7	-32.4%	4.3	-15.1%	14.7%
	2018	25,402	7.5%	25,280	2.6%	-0.5%	6.9	108.6%	6.3	93.9%	-9.4%	5.2	39.3%	5.1	18.7%	-2.2%
	2019	25,637	0.9%	25,213	-0.3%	-1.7%	2.8	-60.1%	5.4	-13.1%	97.4%	5.5	7.3%	5.1	1.4%	-7.6%
	2020	24,721	-3.6%	24,815	-1.6%	0.4%	3.6	30.9%	6.9	27.0%	91.5%	4.8	-12.7%	5.0	-2.6%	3.1%
	2021	24,241	-1.9%	24,277	-2.2%	0.1%	5.6	54.1%	6.3	-9.5%	12.5%	4.4	-8.5%	5.1	1.8%	14.7%
	2022	23,797	-1.8%	23,694	-2.4%	-0.4%	6.3	12.9%	5.8	-7.2%	-7.5%	5.7	29.1%	4.8	-5.3%	-15.9%
Projected	2023	24,202	1.7%	24,202	2.1%		5.4	-13.6%	5.4	-6.6%		4.7	-18.3%	4.7	-2.9%	
	2024			24,194	0.0%				5.4	-0.5%				4.6	-0.8%	
	2025			24,087	-0.4%				5.4	-0.1%				4.6	-0.1%	
	2026			24,038	-0.2%				5.4	-0.3%				4.6	-0.2%	
	2027			24,082	0.2%				5.4	0.1%				4.6	0.3%	
	2028			24,215	0.6%				5.4	0.0%				4.6	0.4%	
	2029			24,271	0.2%				5.4	0.7%				4.7	0.5%	
	2030			24,404	0.5%				5.4	0.5%				4.7	0.6%	
	2031			24,556	0.6%				5.5	0.6%				4.7	0.6%	
	2032			24,755	0.8%				5.5	0.3%				4.8	0.6%	
	2033			24,855	0.4%				5.5	0.9%				4.8	0.6%	
	2034			25,057	0.8%				5.6	0.6%				4.8	0.9%	
	2035			25,207	0.6%				5.6	0.6%				4.9	0.6%	
	2036			25,400	0.8%				5.6	0.2%				4.9	0.6%	
	2037			25,491	0.4%				5.7	0.8%				4.9	0.5%	
	2038			25,634	0.6%				5.7	0.5%				4.9	0.6%	
	2039			25,785	0.6%				5.7	0.6%				5.0	0.6%	
	2040			25,982	0.8%				5.7	0.3%				5.0	0.6%	
	2041			26,074	0.4%				5.8	0.8%				5.0	0.6%	
	2042			26,219	0.6%				5.8	0.5%				5.0	0.5%	
CAGR ^[3]	2013-2022		-0.4%		-0.7%			2.4%		0.0%			2.3%		0.1%	
	2023-2032				0.3%					0.2%					0.2%	
	2033-2042				0.6%					0.5%					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 2023 Load Forecast - Base Case

Havana

2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	24,585	-	24,585	-	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%	24,721	-3.6%	5.7	5.6	5.7	5.6	3.6	4.8	3.6	4.8
	2021	24,241	-1.9%	24,241	-1.9%	5.9	5.7	5.9	5.7	5.6	4.4	5.6	4.4
	2022	23,797	-1.8%	24,788	2.3%	6.3	5.9	6.2	5.7	6.3	5.7	5.7	4.6
Projected	2023	24,202	1.7%	25,011	0.9%	5.9	5.6	6.2	5.8	5.4	4.7	5.7	4.6
	2024	24,194	0.0%	25,230	0.9%	5.9	5.6	6.2	5.8	5.4	4.6	5.8	4.7
	2025	24,087	-0.4%	25,358	0.5%	5.8	5.6	6.3	5.8	5.4	4.6	5.8	4.7
	2026	24,038	-0.2%	25,485	0.5%	5.8	5.6	6.4	5.9	5.4	4.6	5.9	4.7
	2027	24,082	0.2%	25,618	0.5%	5.8	5.6	6.4	5.9	5.4	4.6	5.9	4.7
	2028	24,215	0.6%	25,788	0.7%	5.8	5.6	6.4	5.9	5.4	4.6	5.9	4.8
	2029	24,271	0.2%	25,853	0.3%	5.9	5.6	6.5	5.9	5.4	4.7	5.9	4.8
	2030	24,404	0.5%	25,981	0.5%	5.9	5.7	6.5	6.0	5.4	4.7	6.0	4.8
	2031	24,556	0.6%	26,124	0.6%	5.9	5.7	6.5	6.0	5.5	4.7	6.0	4.8
	2032	24,755	0.8%	26,314	0.7%	6.0	5.7	6.5	6.0	5.5	4.8	6.0	4.9
	2033	24,855	0.4%	26,398	0.3%	6.0	5.8	6.6	6.1	5.5	4.8	6.1	4.9
	2034	25,057	0.8%	26,584	0.7%	6.0	5.8	6.6	6.1	5.6	4.8	6.1	4.9
	2035	25,207	0.6%	26,717	0.5%	6.1	5.9	6.7	6.1	5.6	4.9	6.1	4.9
	2036	25,400	0.8%	26,891	0.7%	6.1	5.9	6.7	6.2	5.6	4.9	6.2	5.0
	2037	25,491	0.4%	26,957	0.2%	6.1	5.9	6.7	6.2	5.7	4.9	6.2	5.0
	2038	25,634	0.6%	27,073	0.4%	6.2	6.0	6.8	6.2	5.7	4.9	6.2	5.0
	2039	25,785	0.6%	27,202	0.5%	6.2	6.0	6.8	6.3	5.7	5.0	6.3	5.0
	2040	25,982	0.8%	27,383	0.7%	6.2	6.0	6.8	6.3	5.7	5.0	6.3	5.1
	2041	26,074	0.4%	27,457	0.3%	6.3	6.1	6.9	6.3	5.8	5.0	6.3	5.1
	2042	26,219	0.6%			6.3	6.1			5.8	5.0		
CAGR ^[1]	Historical		-0.4%		-0.2%	2.0%	0.6%	1.4%	0.1%	1.9%	2.2%	0.4%	-1.2%
	1st 10 Prj Yrs		0.3%		0.6%	0.2%	0.2%	0.6%	0.6%	0.2%	0.2%	0.6%	0.6%
	2nd 10 Prj Yrs		0.6%		0.5%	0.5%	0.6%	0.5%	0.5%	0.5%	0.6%	0.5%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	1,825	1,597	2,365	24,689	24,721
	2021	2,264	1,896	1,682	1,524	1,892	2,247	2,403	2,464	2,082	1,747	1,752	1,735	23,688	24,241
	2022	2,347	1,764	1,593	1,539	1,962	2,509	2,461	2,362	2,026	1,688	1,681	2,058	23,989	23,797
Projected	2023	2,242	1,628	1,850	1,457	2,051	2,442	2,420	2,467	2,220	1,705	1,722	2,033	24,234	24,202
	2024	2,239	1,693	1,814	1,444	2,069	2,443	2,374	2,465	2,194	1,695	1,720	2,018	24,168	24,194
	2025	2,233	1,642	1,803	1,441	2,070	2,443	2,366	2,469	2,188	1,693	1,719	2,012	24,077	24,087
	2026	2,228	1,638	1,798	1,439	2,067	2,437	2,358	2,463	2,186	1,693	1,720	2,013	24,041	24,038
	2027	2,230	1,640	1,801	1,442	2,073	2,443	2,364	2,470	2,192	1,699	1,726	2,020	24,101	24,082
	2028	2,237	1,694	1,807	1,447	2,081	2,452	2,372	2,479	2,200	1,706	1,734	2,029	24,238	24,215
	2029	2,246	1,652	1,815	1,454	2,091	2,463	2,382	2,490	2,210	1,714	1,743	2,039	24,299	24,271
	2030	2,258	1,661	1,825	1,462	2,103	2,477	2,396	2,505	2,223	1,724	1,754	2,052	24,439	24,404
	2031	2,272	1,671	1,837	1,471	2,116	2,492	2,411	2,520	2,236	1,735	1,764	2,065	24,591	24,556
	2032	2,286	1,731	1,848	1,480	2,129	2,507	2,425	2,535	2,249	1,745	1,775	2,078	24,789	24,755
Projected	2033	2,300	1,691	1,859	1,489	2,143	2,522	2,439	2,550	2,263	1,760	1,791	2,094	24,901	24,855
	2034	2,316	1,704	1,875	1,502	2,161	2,543	2,459	2,571	2,282	1,771	1,802	2,107	25,093	25,057
	2035	2,331	1,714	1,887	1,512	2,174	2,558	2,473	2,585	2,294	1,781	1,813	2,119	25,239	25,207
	2036	2,343	1,775	1,897	1,520	2,187	2,572	2,487	2,599	2,307	1,791	1,823	2,132	25,434	25,400
	2037	2,357	1,733	1,909	1,529	2,199	2,586	2,500	2,613	2,318	1,801	1,834	2,144	25,522	25,491
	2038	2,369	1,743	1,919	1,538	2,212	2,601	2,514	2,627	2,332	1,812	1,845	2,157	25,669	25,634
	2039	2,384	1,753	1,931	1,547	2,226	2,616	2,528	2,642	2,345	1,822	1,855	2,170	25,818	25,785
	2040	2,397	1,816	1,942	1,556	2,239	2,630	2,542	2,656	2,357	1,832	1,866	2,182	26,015	25,982
	2041	2,410	1,772	1,953	1,564	2,252	2,645	2,556	2,671	2,370	1,842	1,877	2,195	26,107	26,074
	2042	2,424	1,782	1,964	1,573	2,265	2,659	2,570	2,685	2,383	1,852	1,887	2,207	26,252	26,219

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	7.2%	6.7%	8.0%	9.5%	10.6%	10.4%	8.4%	7.4%	6.5%	9.6%	100.0%
	2021	9.6%	8.0%	7.1%	6.4%	8.0%	9.5%	10.1%	10.4%	8.8%	7.4%	7.4%	7.3%	100.0%
	2022	9.8%	7.4%	6.6%	6.4%	8.2%	10.5%	10.3%	9.8%	8.4%	7.0%	7.0%	8.6%	100.0%
Projected	2023	9.3%	6.7%	7.6%	6.0%	8.5%	10.1%	10.0%	10.2%	9.2%	7.0%	7.1%	8.4%	100.0%
	2024	9.3%	7.0%	7.5%	6.0%	8.6%	10.1%	9.8%	10.2%	9.1%	7.0%	7.1%	8.3%	100.0%
	2025	9.3%	6.8%	7.5%	6.0%	8.6%	10.1%	9.8%	10.3%	9.1%	7.0%	7.1%	8.4%	100.0%
	2026	9.3%	6.8%	7.5%	6.0%	8.6%	10.1%	9.8%	10.2%	9.1%	7.0%	7.2%	8.4%	100.0%
	2027	9.3%	6.8%	7.5%	6.0%	8.6%	10.1%	9.8%	10.2%	9.1%	7.0%	7.2%	8.4%	100.0%
	2028	9.2%	7.0%	7.5%	6.0%	8.6%	10.1%	9.8%	10.2%	9.1%	7.0%	7.2%	8.4%	100.0%
	2029	9.2%	6.8%	7.5%	6.0%	8.6%	10.1%	9.8%	10.2%	9.1%	7.1%	7.2%	8.4%	100.0%
	2030	9.2%	6.8%	7.5%	6.0%	8.6%	10.1%	9.8%	10.2%	9.1%	7.1%	7.2%	8.4%	100.0%
	2031	9.2%	6.8%	7.5%	6.0%	8.6%	10.1%	9.8%	10.2%	9.1%	7.1%	7.2%	8.4%	100.0%
	2032	9.2%	7.0%	7.5%	6.0%	8.6%	10.1%	9.8%	10.2%	9.1%	7.0%	7.2%	8.4%	100.0%
Avg	2013-2022	9.3%	7.3%	7.1%	6.5%	8.2%	9.6%	10.2%	10.2%	8.9%	7.3%	7.1%	8.2%	100.0%
	2023-2032	9.2%	6.9%	7.5%	6.0%	8.6%	10.1%	9.8%	10.2%	9.1%	7.0%	7.2%	8.4%	100.0%

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

FMPA 2023 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	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	4.1	3.5	5.9	5.7	5.6
	2021	5.7	5.6	4.2	3.8	4.7	5.1	5.7	5.4	4.8	4.1	4.5	4.5	5.9	5.7
	2022	6.3	5.3	4.8	3.7	4.9	5.9	5.7	5.3	5.0	4.7	3.8	5.3	6.3	5.9
Projected	2023	5.9	5.0	4.4	3.7	4.8	5.5	5.6	5.3	5.1	4.5	3.8	5.3	5.9	5.6
	2024	5.9	4.9	4.3	3.7	4.8	5.5	5.6	5.3	5.0	4.5	3.8	5.3	5.9	5.6
	2025	5.8	4.9	4.3	3.7	4.8	5.5	5.6	5.3	5.0	4.5	3.8	5.3	5.8	5.6
	2026	5.8	4.9	4.3	3.7	4.8	5.4	5.6	5.3	5.0	4.4	3.8	5.3	5.8	5.6
	2027	5.8	4.9	4.3	3.7	4.8	5.5	5.6	5.3	5.0	4.5	3.8	5.3	5.8	5.6
	2028	5.8	4.9	4.3	3.7	4.8	5.5	5.6	5.3	5.1	4.5	3.9	5.3	5.8	5.6
	2029	5.9	5.0	4.4	3.8	4.8	5.5	5.6	5.3	5.1	4.5	3.9	5.4	5.9	5.6
	2030	5.9	5.0	4.4	3.8	4.9	5.5	5.7	5.3	5.1	4.5	3.9	5.4	5.9	5.7
	2031	5.9	5.0	4.4	3.8	4.9	5.6	5.7	5.4	5.1	4.6	3.9	5.4	5.9	5.7
	2032	6.0	5.0	4.4	3.8	4.9	5.6	5.7	5.4	5.2	4.6	3.9	5.5	6.0	5.7
Projected	2033	6.0	5.1	4.5	3.8	5.0	5.6	5.8	5.4	5.2	4.6	4.0	5.5	6.0	5.8
	2034	6.0	5.1	4.5	3.9	5.0	5.7	5.8	5.5	5.2	4.6	4.0	5.5	6.0	5.8
	2035	6.1	5.1	4.5	3.9	5.0	5.7	5.9	5.5	5.3	4.7	4.0	5.5	6.1	5.9
	2036	6.1	5.1	4.5	3.9	5.1	5.7	5.9	5.5	5.3	4.7	4.1	5.6	6.1	5.9
	2037	6.1	5.2	4.6	3.9	5.1	5.8	5.9	5.6	5.3	4.7	4.1	5.6	6.1	5.9
	2038	6.2	5.2	4.6	4.0	5.1	5.8	6.0	5.6	5.4	4.8	4.1	5.6	6.2	6.0
	2039	6.2	5.2	4.6	4.0	5.2	5.8	6.0	5.6	5.4	4.8	4.1	5.6	6.2	6.0
	2040	6.2	5.2	4.7	4.0	5.2	5.9	6.0	5.7	5.4	4.8	4.2	5.7	6.2	6.0
	2041	6.3	5.3	4.7	4.0	5.2	5.9	6.1	5.7	5.5	4.8	4.2	5.7	6.3	6.1
	2042	6.3	5.3	4.7	4.1	5.2	5.9	6.1	5.7	5.5	4.9	4.2	5.8	6.3	6.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	59.6%	63.2%	54.3%	49.1%	50.7%
	2021	53.6%	50.8%	53.6%	56.3%	54.1%	60.8%	57.0%	60.9%	59.9%	57.7%	54.3%	51.5%	46.2%	48.8%
	2022	50.2%	49.5%	44.4%	57.0%	54.3%	59.2%	58.5%	60.1%	56.7%	48.4%	60.7%	51.9%	43.6%	46.1%
Projected	2023	51.3%	48.9%	57.1%	54.0%	56.9%	61.6%	57.6%	62.5%	60.7%	51.0%	62.5%	51.5%	47.1%	48.9%
	2024	51.4%	49.3%	56.2%	53.9%	57.8%	62.1%	56.9%	62.9%	60.5%	51.1%	62.5%	51.2%	47.2%	49.3%
	2025	51.4%	49.6%	56.0%	53.9%	57.9%	62.2%	56.8%	63.1%	60.4%	51.1%	62.5%	51.1%	47.0%	49.1%
	2026	51.4%	49.6%	55.9%	53.9%	58.0%	62.2%	56.7%	63.1%	60.5%	51.2%	62.5%	51.1%	47.1%	49.1%
	2027	51.4%	49.6%	56.0%	53.8%	58.0%	62.2%	56.7%	63.1%	60.5%	51.2%	62.7%	51.3%	47.1%	49.1%
	2028	51.5%	49.5%	56.1%	53.8%	58.0%	62.2%	56.7%	63.1%	60.5%	51.2%	62.5%	51.2%	47.4%	49.2%
	2029	51.4%	49.6%	56.0%	53.8%	58.0%	62.2%	56.7%	63.1%	60.5%	51.2%	62.5%	51.2%	47.2%	49.1%
	2030	51.4%	49.7%	56.0%	53.8%	57.9%	62.2%	56.7%	63.1%	60.5%	51.2%	62.5%	51.2%	47.2%	49.1%
	2031	51.4%	49.7%	56.0%	53.8%	58.0%	62.2%	56.7%	63.1%	60.5%	51.2%	62.6%	51.3%	47.2%	49.1%
	2032	51.5%	49.5%	56.1%	53.8%	58.0%	62.2%	56.7%	63.0%	60.5%	51.2%	62.4%	51.2%	47.5%	49.2%
Avg.	2013-2022	51.4%	51.8%	52.7%	59.6%	56.0%	59.7%	61.1%	62.1%	59.2%	54.0%	56.0%	52.2%	46.7%	49.5%
	2023-2032	51.4%	49.5%	56.1%	53.8%	57.8%	62.1%	56.8%	63.0%	60.5%	51.2%	62.5%	51.2%	47.2%	49.1%

FMPA 2023 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	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	3.9	2.5	5.9	3.6	4.8
	2021	5.2	5.6	3.3	3.5	3.0	4.3	5.2	4.4	2.8	3.4	2.3	2.8	5.6	4.4
	2022	6.3	4.7	2.7	2.2	4.2	5.7	4.2	5.3	4.9	3.9	2.6	4.1	6.3	5.7
Projected	2023	5.4	4.0	3.3	3.3	4.4	5.0	5.1	4.7	4.5	3.8	2.6	4.1	5.4	4.7
	2024	5.4	3.9	3.3	3.3	4.4	4.9	5.1	4.6	4.5	3.7	2.6	4.1	5.4	4.6
	2025	5.4	3.9	3.3	3.3	4.3	4.9	5.1	4.6	4.5	3.7	2.5	4.1	5.4	4.6
	2026	5.4	3.9	3.3	3.3	4.3	4.9	5.1	4.6	4.5	3.7	2.6	4.1	5.4	4.6
	2027	5.4	3.9	3.3	3.3	4.4	4.9	5.1	4.6	4.5	3.7	2.6	4.1	5.4	4.6
	2028	5.4	3.9	3.3	3.3	4.4	4.9	5.1	4.6	4.5	3.7	2.6	4.1	5.4	4.6
	2029	5.4	4.0	3.3	3.3	4.4	5.0	5.1	4.7	4.5	3.8	2.6	4.1	5.4	4.7
	2030	5.4	4.0	3.3	3.4	4.4	5.0	5.1	4.7	4.5	3.8	2.6	4.2	5.4	4.7
	2031	5.5	4.0	3.3	3.4	4.4	5.0	5.2	4.7	4.6	3.8	2.6	4.2	5.5	4.7
	2032	5.5	4.0	3.3	3.4	4.5	5.0	5.2	4.8	4.6	3.8	2.6	4.2	5.5	4.8
Projected	2033	5.5	4.0	3.4	3.4	4.5	5.1	5.2	4.8	4.6	3.9	2.7	4.2	5.5	4.8
	2034	5.6	4.1	3.4	3.5	4.5	5.1	5.3	4.8	4.6	3.9	2.7	4.3	5.6	4.8
	2035	5.6	4.1	3.4	3.5	4.6	5.1	5.3	4.9	4.7	3.9	2.7	4.3	5.6	4.9
	2036	5.6	4.1	3.4	3.5	4.6	5.2	5.3	4.9	4.7	3.9	2.7	4.3	5.6	4.9
	2037	5.7	4.1	3.5	3.5	4.6	5.2	5.4	4.9	4.7	4.0	2.7	4.3	5.7	4.9
	2038	5.7	4.2	3.5	3.5	4.6	5.2	5.4	4.9	4.8	4.0	2.7	4.4	5.7	4.9
	2039	5.7	4.2	3.5	3.6	4.7	5.3	5.4	5.0	4.8	4.0	2.7	4.4	5.7	5.0
	2040	5.7	4.2	3.5	3.6	4.7	5.3	5.5	5.0	4.8	4.0	2.8	4.4	5.7	5.0
	2041	5.8	4.2	3.5	3.6	4.7	5.3	5.5	5.0	4.8	4.0	2.8	4.4	5.8	5.0
	2042	5.8	4.2	3.6	3.6	4.7	5.3	5.5	5.0	4.9	4.1	2.8	4.4	5.8	5.0

Monthly Coincidence Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	95.9%	72.3%	100.0%	62.9%	87.0%
	2021	91.8%	100.0%	78.0%	93.5%	64.0%	84.0%	92.0%	81.4%	57.9%	82.9%	50.9%	61.1%	94.9%	78.2%
	2022	100.0%	88.4%	56.6%	59.8%	85.8%	97.1%	73.6%	100.0%	99.0%	83.7%	66.7%	77.3%	100.0%	97.1%
Projected	2023	92.2%	79.8%	75.4%	89.1%	90.5%	90.0%	90.6%	88.0%	88.7%	83.7%	66.7%	77.3%	92.2%	82.7%
	2024	92.2%	79.8%	75.4%	89.1%	90.5%	90.0%	90.6%	88.0%	88.7%	83.6%	66.7%	77.3%	92.2%	82.7%
	2025	92.2%	79.8%	75.4%	89.1%	90.5%	90.0%	90.6%	88.0%	88.7%	83.6%	66.7%	77.3%	92.2%	82.7%
	2026	92.2%	79.8%	75.4%	89.1%	90.5%	90.0%	90.5%	88.0%	88.7%	83.6%	66.7%	77.3%	92.2%	82.7%
	2027	92.2%	79.8%	75.4%	89.1%	90.5%	90.0%	90.5%	88.0%	88.7%	83.6%	66.7%	77.3%	92.2%	82.7%
	2028	92.2%	79.8%	75.4%	89.1%	90.5%	90.0%	90.5%	88.0%	88.7%	83.6%	66.7%	77.3%	92.2%	82.7%
	2029	92.2%	79.8%	75.4%	89.1%	90.5%	90.0%	90.5%	88.0%	88.7%	83.6%	66.7%	77.3%	92.2%	82.7%
	2030	92.2%	79.8%	75.4%	89.1%	90.5%	90.0%	90.5%	88.0%	88.7%	83.6%	66.7%	77.3%	92.2%	82.7%
	2031	92.2%	79.8%	75.4%	89.1%	90.5%	90.0%	90.5%	88.0%	88.7%	83.6%	66.7%	77.3%	92.2%	82.7%
	2032	92.2%	79.8%	75.4%	89.1%	90.5%	90.0%	90.5%	88.0%	88.7%	83.6%	66.7%	77.3%	92.2%	82.7%
2013-2022		92.2%	79.8%	75.4%	89.1%	90.5%	90.1%	90.6%	87.2%	88.7%	84.8%	66.8%	75.1%	78.6%	85.8%
2023-2032		92.2%	79.8%	75.4%	89.1%	90.5%	90.0%	90.5%	88.0%	88.7%	83.6%	66.7%	77.3%	92.2%	82.7%

FMPA 2023 Load Forecast - Base Case - Havana

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV)
(Fiscal Year 2013-2042)

		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	2013	12,395		1,104		11,232		10,844		263		41.2		23,239		1,346	5.5%	24,585	
	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%
	2021	14,130	1.2%	1,205	3.3%	11,723	-2.1%	9,083	-5.7%	259	-10.8%	35.0	5.7%	23,213	-1.6%	1,028	4.2%	24,241	-1.9%
Projected	2022	13,626	-3.6%	1,209	0.3%	11,269	-3.9%	8,924	-1.8%	264	2.0%	33.7	-3.7%	22,549	-2.9%	1,248	5.2%	23,797	-1.8%
	2023	13,722	0.7%	1,210	0.0%	11,343	0.7%	9,267	3.8%	264	-0.3%	35.1	4.1%	22,990	2.0%	1,219	5.0%	24,209	1.7%
	2024	13,682	-0.3%	1,211	0.1%	11,297	-0.4%	9,263	0.0%	266	0.8%	34.9	-0.8%	22,945	-0.2%	1,262	5.2%	24,208	0.0%
	2025	13,610	-0.5%	1,213	0.2%	11,219	-0.7%	9,285	0.2%	266	0.2%	34.9	0.0%	22,896	-0.2%	1,212	5.0%	24,108	-0.4%
	2026	13,531	-0.6%	1,215	0.2%	11,135	-0.8%	9,325	0.4%	267	0.2%	34.9	0.2%	22,856	-0.2%	1,209	5.0%	24,065	-0.2%
	2027	13,532	0.0%	1,218	0.2%	11,114	-0.2%	9,372	0.5%	268	0.3%	35.0	0.2%	22,904	0.2%	1,212	5.0%	24,116	0.2%
	2028	13,556	0.2%	1,220	0.2%	11,115	0.0%	9,435	0.7%	268	0.3%	35.1	0.4%	22,990	0.4%	1,266	5.2%	24,256	0.6%
	2029	13,598	0.3%	1,221	0.1%	11,134	0.2%	9,497	0.7%	269	0.3%	35.3	0.3%	23,096	0.5%	1,223	5.0%	24,318	0.3%
	2030	13,666	0.5%	1,223	0.1%	11,175	0.4%	9,562	0.7%	270	0.3%	35.4	0.4%	23,228	0.6%	1,230	5.0%	24,458	0.6%
	2031	13,754	0.6%	1,224	0.1%	11,233	0.5%	9,625	0.7%	271	0.3%	35.5	0.3%	23,379	0.6%	1,238	5.0%	24,617	0.6%
	2032	13,838	0.6%	1,226	0.1%	11,290	0.5%	9,688	0.7%	272	0.3%	35.6	0.3%	23,526	0.6%	1,296	5.2%	24,822	0.8%
	2033	13,924	0.6%	1,227	0.1%	11,350	0.5%	9,750	0.6%	273	0.3%	35.8	0.3%	23,674	0.6%	1,254	5.0%	24,928	0.4%
	2034	14,013	0.6%	1,228	0.1%	11,415	0.6%	9,813	0.6%	274	0.3%	35.9	0.3%	23,826	0.6%	1,262	5.0%	25,089	0.6%
	2035	14,098	0.6%	1,228	0.1%	11,476	0.5%	9,876	0.6%	274	0.3%	36.0	0.3%	23,974	0.6%	1,270	5.0%	25,245	0.6%
	2036	14,176	0.6%	1,229	0.1%	11,533	0.5%	9,939	0.6%	275	0.3%	36.1	0.3%	24,116	0.6%	1,329	5.2%	25,445	0.8%
	2037	14,253	0.5%	1,230	0.0%	11,591	0.5%	10,003	0.6%	276	0.3%	36.2	0.3%	24,257	0.6%	1,286	5.0%	25,542	0.4%
	2038	14,332	0.5%	1,230	0.1%	11,648	0.5%	10,067	0.6%	277	0.3%	36.4	0.3%	24,398	0.6%	1,294	5.0%	25,692	0.6%
	2039	14,418	0.6%	1,231	0.0%	11,713	0.6%	10,130	0.6%	278	0.3%	36.5	0.3%	24,547	0.6%	1,302	5.0%	25,849	0.6%
	2040	14,498	0.6%	1,231	0.0%	11,775	0.5%	10,193	0.6%	278	0.3%	36.6	0.3%	24,691	0.6%	1,362	5.2%	26,053	0.8%
	2041	14,581	0.6%	1,232	0.0%	11,838	0.5%	10,253	0.6%	279	0.3%	36.7	0.3%	24,834	0.6%	1,317	5.0%	26,151	0.4%
	2042	14,662	0.6%	1,232	0.0%	11,900	0.5%	10,316	0.6%	280	0.3%	36.8	0.3%	24,977	0.6%	1,325	5.0%	26,302	0.6%
CAGR	2013-2022		1.1%		1.0%		0.0%		-2.1%		0.1%		-2.2%		-0.3%		5.1%		-0.4%
	2023-2032		0.1%		0.1%		-0.1%		0.5%		0.3%		0.2%		0.3%		5.1%		0.3%
	2033-2042		0.6%		0.0%		0.5%		0.6%		0.3%		0.3%		0.6%		5.1%		0.6%

CAGR - Compound Average Growth Rate.

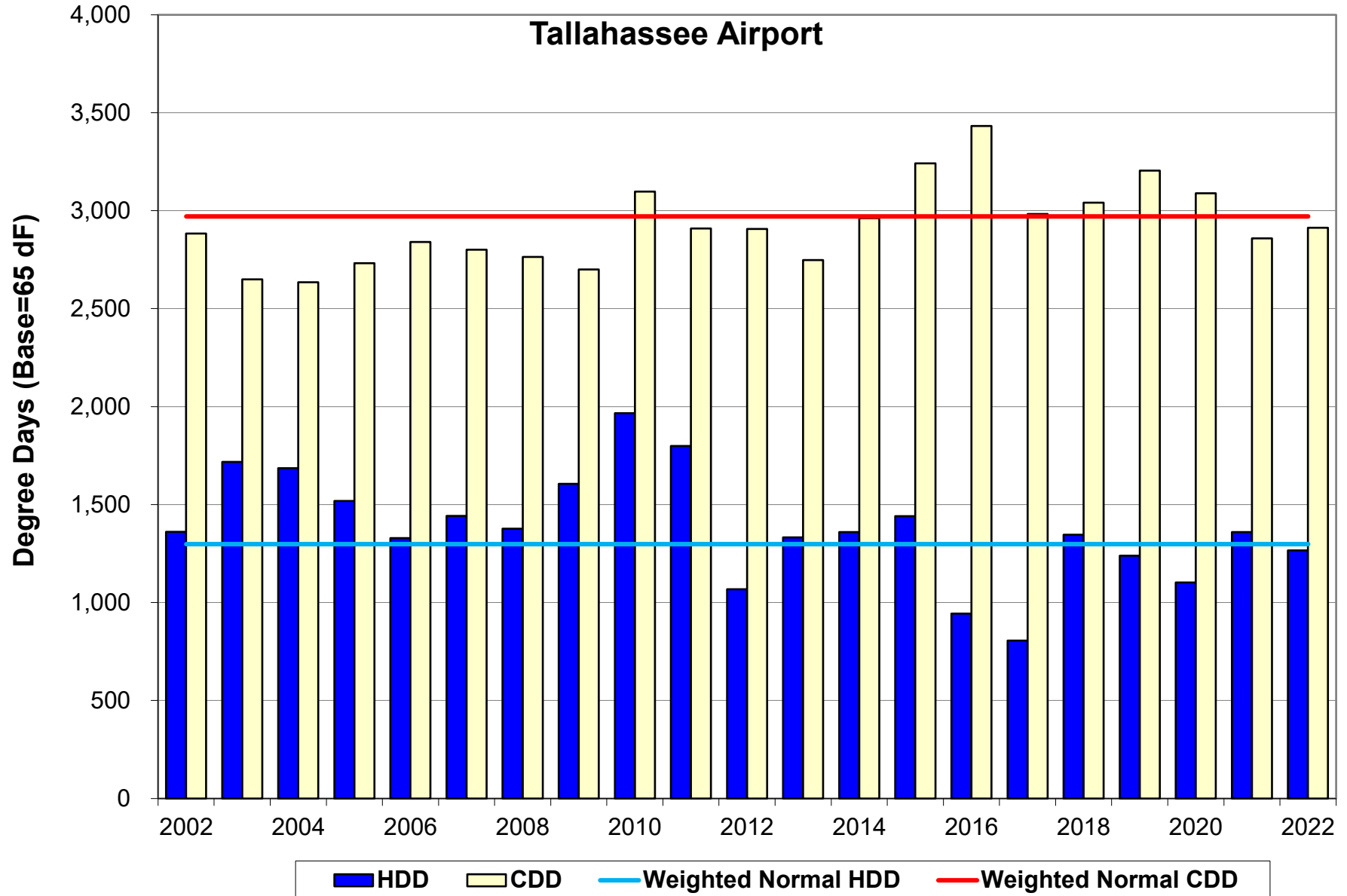
FMPA 2023 Load Forecast

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
2002	44.8	-	16.2	-	17.3	-	1.48	-	1,079	-	1,271	-	78,293	-
2003	45.0	0.4%	16.4	0.8%	18.6	7.9%	1.43	-3.5%	1,125	4.3%	1,297	2.1%	79,277	1.3%
2004	45.1	0.4%	16.4	0.3%	18.9	1.7%	1.53	7.4%	1,172	4.2%	1,352	4.2%	82,389	3.9%
2005	45.3	0.3%	16.6	1.0%	19.0	0.6%	1.54	0.4%	1,211	3.3%	1,386	2.5%	83,643	1.5%
2006	45.3	0.0%	16.6	0.4%	19.1	0.6%	1.71	11.1%	1,194	-1.3%	1,398	0.8%	83,977	0.4%
2007	45.9	1.3%	16.9	1.7%	19.6	2.7%	1.68	-1.8%	1,283	7.4%	1,394	-0.3%	82,291	-2.0%
2008	46.3	1.0%	17.1	1.2%	19.0	-3.5%	1.43	-14.6%	1,220	-4.9%	1,385	-0.6%	80,796	-1.8%
2009	46.3	-0.1%	17.1	-0.5%	17.9	-5.4%	1.27	-11.4%	1,249	2.4%	1,382	-0.2%	81,053	0.3%
2010	47.8	3.3%	17.0	-0.5%	17.8	-0.9%	1.18	-7.1%	1,222	-2.2%	1,407	1.8%	82,912	2.3%
2011	47.2	-1.2%	16.9	-0.4%	17.8	-0.1%	1.10	-7.0%	1,280	4.8%	1,434	2.0%	84,865	2.4%
2012	46.3	-2.0%	16.7	-1.2%	17.8	0.0%	1.05	-4.3%	1,166	-8.9%	1,347	-6.1%	80,668	-4.9%
2013	45.6	-1.4%	16.8	0.6%	17.8	0.0%	1.05	-0.5%	1,064	-8.8%	1,291	-4.1%	76,912	-4.7%
2014	45.5	-0.3%	16.9	0.5%	18.3	2.8%	0.91	-12.5%	1,090	2.4%	1,338	3.6%	79,327	3.1%
2015	45.3	-0.5%	16.9	0.5%	18.1	-0.7%	0.90	-2.0%	1,101	1.1%	1,395	4.3%	82,309	3.8%
2016	45.1	-0.3%	17.1	0.8%	18.2	0.4%	0.93	3.3%	1,134	3.0%	1,420	1.8%	83,104	1.0%
2017	44.9	-0.5%	17.1	0.3%	18.7	2.6%	0.93	0.8%	1,202	6.0%	1,455	2.4%	84,880	2.1%
2018	44.7	-0.5%	17.3	0.7%	19.3	3.4%	0.93	-0.3%	1,193	-0.8%	1,449	-0.4%	83,967	-1.1%
2019	44.3	-0.9%	17.3	0.4%	20.4	5.9%	0.94	1.3%	1,213	1.7%	1,483	2.3%	85,547	1.9%
2020	43.7	-1.2%	17.3	-0.2%	20.9	2.5%	1.03	9.6%	1,254	3.4%	1,568	5.7%	90,584	5.9%
2021	43.5	-0.4%	17.3	-0.2%	20.9	-0.4%	0.98	-5.1%	1,288	2.7%	1,552	-1.0%	89,926	-0.7%
2022	43.6	0.2%	17.4	0.7%	20.9	0.1%	0.95	-2.7%	1,307	1.5%	1,567	0.9%	90,130	0.2%
2023	43.7	0.2%	17.5	0.7%	20.9	0.0%	0.93	-2.8%	1,327	1.5%	1,582	1.0%	90,406	0.3%
2024	43.8	0.2%	17.6	0.6%	21.0	0.4%	0.92	-0.6%	1,344	1.3%	1,610	1.8%	91,466	1.2%
2025	43.9	0.2%	17.7	0.5%	21.1	0.4%	0.91	-0.5%	1,360	1.2%	1,638	1.7%	92,592	1.2%
2026	43.9	0.1%	17.8	0.4%	21.1	0.3%	0.91	-0.7%	1,376	1.2%	1,665	1.7%	93,736	1.2%
2027	44.0	0.1%	17.8	0.4%	21.2	0.4%	0.90	-0.9%	1,393	1.2%	1,693	1.7%	94,881	1.2%
2028	44.0	0.1%	17.9	0.3%	21.3	0.4%	0.89	-0.8%	1,409	1.2%	1,720	1.6%	96,158	1.3%
2029	44.1	0.1%	17.9	0.3%	21.4	0.4%	0.89	-0.7%	1,425	1.2%	1,749	1.6%	97,452	1.3%
2030	44.1	0.1%	18.0	0.2%	21.5	0.4%	0.88	-0.7%	1,441	1.1%	1,777	1.6%	98,796	1.4%
2031	44.2	0.1%	18.0	0.2%	21.6	0.4%	0.87	-0.8%	1,458	1.1%	1,805	1.6%	100,150	1.4%
2032	44.2	0.1%	18.1	0.2%	21.7	0.5%	0.87	-0.9%	1,474	1.1%	1,833	1.6%	101,527	1.4%
2033	44.2	0.1%	18.1	0.1%	21.8	0.4%	0.86	-0.9%	1,490	1.1%	1,861	1.5%	102,954	1.4%
2034	44.3	0.1%	18.1	0.1%	21.8	0.4%	0.85	-0.9%	1,507	1.1%	1,890	1.5%	104,406	1.4%
2035	44.3	0.0%	18.1	0.1%	21.9	0.4%	0.84	-0.9%	1,524	1.1%	1,918	1.5%	105,875	1.4%
2036	44.3	0.0%	18.1	0.1%	22.0	0.4%	0.84	-0.9%	1,541	1.1%	1,947	1.5%	107,364	1.4%
2037	44.3	0.0%	18.2	0.1%	22.1	0.4%	0.83	-0.9%	1,558	1.1%	1,976	1.5%	108,869	1.4%
2038	44.3	0.0%	18.2	0.1%	22.2	0.4%	0.82	-0.9%	1,575	1.1%	2,005	1.5%	110,391	1.4%
2039	44.3	0.0%	18.2	0.1%	22.2	0.4%	0.81	-0.9%	1,593	1.1%	2,035	1.5%	111,929	1.4%
2040	44.3	0.0%	18.2	0.1%	22.3	0.4%	0.80	-0.9%	1,610	1.1%	2,064	1.4%	113,478	1.4%
2041	44.3	0.0%	18.2	0.0%	22.4	0.4%	0.80	-0.9%	1,628	1.1%	2,093	1.4%	115,029	1.4%
2042	44.3	0.0%	18.2	0.1%	22.5	0.3%	0.79	-1.0%	1,646	1.1%	2,122	1.4%	116,561	1.3%
Average Percent Change														
2012-2022	-0.6%		0.4%		1.6%		-1.0%		1.1%		1.5%		1.1%	
2023-2032	0.1%		0.3%		0.4%		-0.7%		1.2%		1.6%		1.3%	
2033-2042	0.0%		0.1%		0.4%		-0.9%		1.1%		1.5%		1.4%	



Jacksonville Beach

FMPA 2023 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	Percent Diff.
Historical	2013	716,333	-	739,037	-	3.2%	161.5	-	160.2	-	-0.8%	149.9	-	152.9	-	2.0%
	2014	730,250	1.9%	737,685	-0.2%	1.0%	166.4	3.1%	173.2	8.2%	4.1%	158.1	5.5%	160.6	5.1%	1.6%
	2015	738,958	1.2%	738,146	0.1%	-0.1%	195.1	17.3%	173.2	0.0%	-11.2%	151.0	-4.5%	168.5	4.9%	11.6%
	2016	757,330	2.5%	743,189	0.7%	-1.9%	120.2	-38.4%	173.2	0.0%	44.1%	173.5	14.9%	159.3	-5.5%	-8.2%
	2017	721,030	-4.8%	728,994	-1.9%	1.1%	101.6	-15.5%	105.6	-39.0%	4.0%	154.7	-10.8%	163.2	2.4%	5.5%
	2018	744,119	3.2%	723,618	-0.7%	-2.8%	213.8	110.5%	204.6	93.7%	-4.3%	158.4	2.4%	152.9	-6.3%	-3.4%
	2019	740,837	-0.4%	709,924	-1.9%	-4.2%	112.1	-47.6%	178.0	-13.0%	58.8%	155.4	-1.9%	151.8	-0.7%	-2.3%
	2020	728,428	-1.7%	723,119	1.9%	-0.7%	104.1	-7.1%	168.0	-5.6%	61.4%	163.9	5.5%	173.5	14.3%	5.9%
	2021	734,631	0.9%	734,214	1.5%	-0.1%	165.3	58.8%	184.1	9.6%	11.4%	157.5	-3.9%	166.4	-4.1%	5.7%
	2022	738,027	0.5%	740,747	0.9%	0.4%	167.1	1.1%	149.9	-18.6%	-10.3%	156.2	-0.8%	148.0	-11.0%	-5.2%
Projected	2023	731,241	-0.9%	731,241	-1.3%		164.6	-1.5%	164.6	9.8%		154.0	-1.4%	154.0	4.0%	
	2024			736,579	0.7%				165.6	0.6%				155.1	0.7%	
	2025			741,834	0.7%				167.5	1.1%				156.6	1.0%	
	2026			748,634	0.9%				169.2	1.0%				158.0	0.9%	
	2027			754,326	0.8%				170.7	0.9%				159.0	0.7%	
	2028			758,998	0.6%				171.3	0.3%				159.6	0.3%	
	2029			759,549	0.1%				172.2	0.6%				159.9	0.2%	
	2030			762,076	0.3%				172.8	0.3%				160.5	0.4%	
	2031			765,849	0.5%				173.8	0.6%				161.4	0.5%	
	2032			771,719	0.8%				174.6	0.5%				162.2	0.5%	
	2033			774,629	0.4%				176.1	0.9%				163.1	0.6%	
	2034			779,843	0.7%				177.3	0.7%				164.2	0.6%	
	2035			785,567	0.7%				178.4	0.6%				165.4	0.7%	
	2036			793,595	1.0%				179.3	0.5%				166.8	0.8%	
	2037			797,799	0.5%				180.9	0.9%				167.9	0.7%	
	2038			802,620	0.6%				181.7	0.4%				168.9	0.6%	
	2039			807,377	0.6%				182.6	0.5%				169.9	0.6%	
	2040			814,029	0.8%				183.4	0.4%				171.0	0.6%	
	2041			817,602	0.4%				184.8	0.8%				172.0	0.6%	
	2042			822,687	0.6%				185.9	0.6%				173.1	0.6%	
CAGR ^[3]	2013-2022		0.3%		0.0%			0.4%		-0.7%			0.5%		-0.4%	
	2023-2032				0.6%					0.7%					0.6%	
	2033-2042				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 2023 Load Forecast - Base Case
Jacksonville Beach
2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	716,333	-	716,333	-	168.2	157.9	168.2	161.5	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%	728,428	-1.7%	151.1	169.9	151.1	169.9	104.1	163.9	104.1	163.9
	2021	734,631	0.9%	734,631	0.9%	165.3	168.7	165.3	168.7	165.3	157.5	165.3	157.5
	2022	738,027	0.5%	725,764	-1.2%	171.0	178.9	175.8	163.2	167.1	156.2	166.9	156.1
Projected	2023	731,241	-0.9%	723,005	-0.4%	173.8	165.1	175.7	163.0	164.6	154.0	166.9	156.0
	2024	736,579	0.7%	725,191	0.3%	174.8	166.3	175.5	163.4	165.6	155.1	166.6	156.3
	2025	741,834	0.7%	726,948	0.2%	176.8	168.0	176.6	164.2	167.5	156.6	167.7	157.1
	2026	748,634	0.9%	731,656	0.6%	178.6	169.5	177.9	165.4	169.2	158.0	168.9	158.2
	2027	754,326	0.8%	736,593	0.7%	180.2	170.6	179.3	166.4	170.7	159.0	170.3	159.1
	2028	758,998	0.6%	741,448	0.7%	180.8	171.1	180.0	167.0	171.3	159.6	170.9	159.8
	2029	759,549	0.1%	742,469	0.1%	181.8	171.6	181.2	167.6	172.2	159.9	172.1	160.3
	2030	762,076	0.3%	745,132	0.4%	182.5	172.2	182.0	168.2	172.8	160.5	172.8	160.9
	2031	765,849	0.5%	748,671	0.5%	183.5	173.1	183.1	169.1	173.8	161.4	173.8	161.7
	2032	771,719	0.8%	754,081	0.7%	184.3	174.1	183.9	169.9	174.6	162.2	174.6	162.5
	2033	774,629	0.4%	756,537	0.3%	185.9	175.1	185.5	170.8	176.1	163.1	176.1	163.3
	2034	779,843	0.7%	760,393	0.5%	187.2	176.2	186.7	171.7	177.3	164.2	177.2	164.1
	2035	785,567	0.7%	764,092	0.5%	188.4	177.5	187.8	172.5	178.4	165.4	178.3	164.9
	2036	793,595	1.0%	769,605	0.7%	189.3	178.9	188.6	173.4	179.3	166.8	179.1	165.8
	2037	797,799	0.5%	771,135	0.2%	191.0	180.1	190.2	174.0	180.9	167.9	180.6	166.3
	2038	802,620	0.6%	773,271	0.3%	191.8	181.2	191.0	174.5	181.7	168.9	181.3	166.8
	2039	807,377	0.6%	775,862	0.3%	192.8	182.3	191.9	175.1	182.6	169.9	182.2	167.3
	2040	814,029	0.8%	780,581	0.6%	193.6	183.4	192.6	175.8	183.4	171.0	182.9	168.0
	2041	817,602	0.4%	781,927	0.2%	195.2	184.6	194.0	176.5	184.8	172.0	184.2	168.6
	2042	822,687	0.6%			196.3	185.7			185.9	173.1		
CAGR ^[1]	Historical		0.3%		0.3%	0.2%	1.4%	-0.2%	0.6%	0.0%	-0.2%	-0.1%	-0.1%
	1st 10 Prj Yrs		0.6%		0.3%	0.7%	0.6%	0.4%	0.4%	0.7%	0.6%	0.4%	0.4%
	2nd 10 Prj Yrs		0.7%		0.4%	0.6%	0.7%	0.6%	0.4%	0.6%	0.7%	0.6%	0.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	63,354	51,882	58,339	739,315	728,428
	2021	56,788	48,854	51,715	50,725	62,662	69,011	75,741	77,560	68,001	61,506	48,210	50,782	721,555	734,631
	2022	58,904	48,844	50,150	52,620	67,187	76,525	78,537	77,728	67,035	63,164	46,023	53,784	740,500	738,027
Projected	2023	59,648	47,950	52,127	51,165	65,221	70,841	75,261	75,534	70,523	61,854	46,593	54,264	730,981	731,241
	2024	60,122	49,753	52,498	51,546	65,717	71,351	75,792	76,061	71,027	62,322	46,955	54,736	737,880	736,579
	2025	60,663	48,735	52,964	52,006	66,327	72,026	76,533	76,827	71,739	62,939	47,395	55,279	743,434	741,834
	2026	61,269	49,217	53,441	52,456	66,906	72,652	77,208	77,507	72,364	63,485	47,782	55,777	750,065	748,634
	2027	61,829	49,660	53,865	52,848	67,397	73,156	77,727	78,004	72,795	63,849	48,022	56,096	755,247	754,326
	2028	62,171	51,426	54,090	53,054	67,662	73,407	77,979	78,242	73,002	64,033	48,143	56,301	759,508	758,998
	2029	62,395	50,076	54,229	53,190	67,854	73,581	78,161	78,422	73,165	64,184	48,242	56,497	759,996	759,549
	2030	62,626	50,255	54,392	53,359	68,104	73,830	78,437	78,710	73,440	64,443	48,426	56,811	762,833	762,076
	2031	62,987	50,536	54,651	53,614	68,459	74,186	78,824	79,106	73,807	64,781	48,661	57,190	766,800	765,849
	2032	63,418	52,418	54,953	53,904	68,856	74,578	79,245	79,527	74,189	65,133	48,901	57,577	772,698	771,719
Projected	2033	63,860	51,208	55,262	54,203	69,267	74,983	79,680	79,965	74,589	65,568	49,218	58,023	775,827	774,629
	2034	64,359	51,591	55,644	54,568	69,744	75,456	80,178	80,457	75,036	66,026	49,559	58,470	781,088	779,843
	2035	64,861	51,982	56,064	54,976	70,275	75,996	80,752	81,034	75,572	66,548	49,959	58,983	787,002	785,567
	2036	65,431	54,035	56,547	55,441	70,866	76,594	81,381	81,661	76,149	67,077	50,362	59,499	795,044	793,595
	2037	65,992	52,844	57,000	55,868	71,400	77,107	81,900	82,158	76,591	67,467	50,654	59,880	798,861	797,799
	2038	66,415	53,164	57,361	56,224	71,863	77,558	82,373	82,631	77,031	67,820	50,920	60,266	803,625	802,620
	2039	66,849	53,495	57,709	56,566	72,316	78,004	82,848	83,108	77,474	68,206	51,205	60,680	808,462	807,377
	2040	67,314	55,525	58,073	56,918	72,782	78,465	83,337	83,599	77,925	68,628	51,517	61,116	815,199	814,029
	2041	67,803	54,228	58,458	57,289	73,268	78,948	83,848	84,108	78,392	69,047	51,823	61,549	818,760	817,602
	2042	68,271	54,588	58,824	57,644	73,737	79,414	84,342	84,602	78,847	69,467	52,132	61,985	823,852	822,687

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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	7.3%	6.5%	7.3%	6.8%	8.4%	9.3%	10.8%	10.5%	9.6%	8.6%	7.0%	7.9%	100.0%
	2021	7.9%	6.8%	7.2%	7.0%	8.7%	9.6%	10.5%	10.7%	9.4%	8.5%	6.7%	7.0%	100.0%
	2022	8.0%	6.6%	6.8%	7.1%	9.1%	10.3%	10.6%	10.5%	9.1%	8.5%	6.2%	7.3%	100.0%
Projected	2023	8.2%	6.6%	7.1%	7.0%	8.9%	9.7%	10.3%	10.3%	9.6%	8.5%	6.4%	7.4%	100.0%
	2024	8.1%	6.7%	7.1%	7.0%	8.9%	9.7%	10.3%	10.3%	9.6%	8.4%	6.4%	7.4%	100.0%
	2025	8.2%	6.6%	7.1%	7.0%	8.9%	9.7%	10.3%	10.3%	9.6%	8.5%	6.4%	7.4%	100.0%
	2026	8.2%	6.6%	7.1%	7.0%	8.9%	9.7%	10.3%	10.3%	9.6%	8.5%	6.4%	7.4%	100.0%
	2027	8.2%	6.6%	7.1%	7.0%	8.9%	9.7%	10.3%	10.3%	9.6%	8.5%	6.4%	7.4%	100.0%
	2028	8.2%	6.8%	7.1%	7.0%	8.9%	9.7%	10.3%	10.3%	9.6%	8.4%	6.3%	7.4%	100.0%
	2029	8.2%	6.6%	7.1%	7.0%	8.9%	9.7%	10.3%	10.3%	9.6%	8.4%	6.3%	7.4%	100.0%
	2030	8.2%	6.6%	7.1%	7.0%	8.9%	9.7%	10.3%	10.3%	9.6%	8.4%	6.3%	7.4%	100.0%
	2031	8.2%	6.6%	7.1%	7.0%	8.9%	9.7%	10.3%	10.3%	9.6%	8.4%	6.3%	7.5%	100.0%
	2032	8.2%	6.8%	7.1%	7.0%	8.9%	9.7%	10.3%	10.3%	9.6%	8.4%	6.3%	7.5%	100.0%
Avg	2013-2022	8.0%	6.6%	7.0%	7.0%	8.7%	9.7%	10.6%	10.6%	9.5%	8.3%	6.7%	7.2%	100.0%
	2023-2032	8.2%	6.6%	7.1%	7.0%	8.9%	9.7%	10.3%	10.3%	9.6%	8.4%	6.4%	7.4%	100.0%

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FMPA 2023 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	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	136.1	115.4	153.7	151.1	169.9
	2021	148.1	165.3	119.4	131.4	150.4	158.0	168.7	161.2	145.6	136.0	102.3	104.2	165.3	168.7
	2022	171.0	133.3	124.1	118.4	143.9	178.9	164.1	158.2	158.5	144.8	108.9	132.3	171.0	178.9
Projected	2023	173.8	149.4	120.4	121.1	142.9	155.4	165.1	159.5	151.3	134.1	109.6	133.1	173.8	165.1
	2024	174.8	150.3	121.2	122.0	143.9	156.5	166.3	160.6	152.4	135.1	110.9	134.6	174.8	166.3
	2025	176.8	152.0	122.6	123.3	145.4	158.1	168.0	162.2	153.9	136.5	112.0	136.0	176.8	168.0
	2026	178.6	153.5	123.9	124.4	146.8	159.5	169.5	163.7	155.3	137.8	113.1	137.2	178.6	169.5
	2027	180.2	154.9	125.1	125.3	147.8	160.5	170.6	164.8	156.3	138.8	113.6	137.7	180.2	170.6
	2028	180.8	155.5	125.6	125.8	148.4	161.1	171.1	165.3	156.8	139.4	114.4	138.5	180.8	171.1
	2029	181.8	156.3	126.5	126.2	148.9	161.5	171.6	165.7	157.2	139.9	115.0	139.0	181.8	171.6
	2030	182.5	156.9	127.1	126.8	149.6	162.1	172.2	166.3	157.8	140.6	115.8	139.8	182.5	172.2
	2031	183.5	157.8	128.0	127.6	150.5	162.9	173.1	167.2	158.6	141.5	116.6	140.4	183.5	173.1
	2032	184.3	158.5	128.8	128.5	151.5	163.8	174.1	168.1	159.5	142.4	117.8	141.6	184.3	174.1
Projected	2033	185.9	159.9	130.1	129.4	152.6	164.7	175.1	169.1	160.4	143.5	118.9	142.6	185.9	175.1
	2034	187.2	161.0	131.3	130.4	153.7	165.8	176.2	170.2	161.4	144.7	120.0	143.6	187.2	176.2
	2035	188.4	162.0	132.4	131.5	155.0	167.0	177.5	171.4	162.6	145.9	120.9	144.3	188.4	177.5
	2036	189.3	162.9	133.4	132.7	156.3	168.4	178.9	172.8	164.0	147.2	122.3	145.6	189.3	178.9
	2037	191.0	164.3	134.9	133.7	157.4	169.5	180.1	174.0	165.1	148.3	123.2	146.3	191.0	180.1
	2038	191.8	165.0	135.9	134.7	158.5	170.6	181.2	175.0	166.1	149.3	124.2	147.1	191.8	181.2
	2039	192.8	165.9	136.9	135.6	159.6	171.6	182.3	176.1	167.1	150.2	125.0	147.7	192.8	182.3
	2040	193.6	166.6	137.8	136.6	160.7	172.7	183.4	177.2	168.2	151.3	126.3	148.9	193.6	183.4
	2041	195.2	168.0	139.1	137.6	161.8	173.8	184.6	178.3	169.2	152.4	127.3	149.8	195.2	184.6
	2042	196.3	169.0	140.3	138.6	163.0	174.9	185.7	179.4	170.3	153.5	128.4	150.7	196.3	185.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	62.6%	62.4%	51.0%	55.9%	48.9%
	2021	51.5%	44.0%	58.2%	53.6%	56.0%	60.7%	60.3%	64.7%	64.9%	60.8%	65.5%	65.5%	49.8%	49.7%
	2022	46.3%	54.5%	54.3%	61.7%	62.8%	59.4%	64.3%	66.0%	58.7%	58.6%	58.7%	54.6%	49.4%	47.1%
Projected	2023	46.1%	47.8%	58.2%	58.7%	61.4%	63.3%	61.3%	63.7%	64.7%	62.0%	59.1%	54.8%	48.0%	50.6%
	2024	46.2%	47.6%	58.2%	58.7%	61.4%	63.3%	61.3%	63.6%	64.7%	62.0%	58.8%	54.7%	48.2%	50.6%
	2025	46.1%	47.7%	58.1%	58.6%	61.3%	63.3%	61.2%	63.7%	64.7%	62.0%	58.8%	54.6%	48.0%	50.4%
	2026	46.1%	47.7%	58.0%	58.6%	61.3%	63.3%	61.2%	63.7%	64.7%	61.9%	58.7%	54.6%	47.9%	50.4%
	2027	46.1%	47.7%	57.9%	58.6%	61.3%	63.3%	61.2%	63.6%	64.7%	61.8%	58.7%	54.8%	47.8%	50.5%
	2028	46.2%	47.5%	57.9%	58.6%	61.3%	63.3%	61.2%	63.6%	64.7%	61.7%	58.4%	54.6%	47.9%	50.6%
	2029	46.1%	47.7%	57.6%	58.5%	61.2%	63.3%	61.2%	63.6%	64.6%	61.7%	58.3%	54.6%	47.7%	50.5%
	2030	46.1%	47.7%	57.5%	58.4%	61.2%	63.3%	61.2%	63.6%	64.6%	61.6%	58.1%	54.6%	47.7%	50.5%
	2031	46.1%	47.7%	57.4%	58.3%	61.1%	63.3%	61.2%	63.6%	64.6%	61.6%	58.0%	54.7%	47.7%	50.5%
	2032	46.2%	47.5%	57.4%	58.3%	61.1%	63.2%	61.2%	63.6%	64.6%	61.5%	57.6%	54.6%	47.9%	50.6%
Avg-	2013-2022	49.1%	51.8%	55.9%	58.5%	59.7%	61.2%	64.0%	64.7%	62.6%	59.8%	59.1%	57.0%	49.1%	49.9%
	2023-2032	46.2%	47.6%	57.8%	58.5%	61.2%	63.3%	61.2%	63.6%	64.7%	61.8%	58.4%	54.7%	47.9%	50.5%

FMPA 2023 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	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	126.2	102.3	151.3	104.1	163.9
	2021	148.1	165.3	101.6	123.5	150.4	158.0	157.2	157.5	120.6	127.9	88.3	102.0	165.3	157.5
	2022	167.1	133.3	90.1	106.8	138.9	156.2	159.2	157.4	158.5	135.7	100.5	124.1	167.1	156.2
Projected	2023	164.6	139.9	102.6	115.3	140.3	148.7	159.2	154.0	142.9	125.8	101.2	124.8	164.6	154.0
	2024	165.6	140.7	103.3	116.1	141.3	149.7	160.4	155.1	143.9	126.7	102.4	126.2	165.6	155.1
	2025	167.5	142.3	104.5	117.3	142.8	151.2	162.0	156.6	145.3	128.0	103.5	127.5	167.5	156.6
	2026	169.2	143.8	105.6	118.4	144.1	152.5	163.4	158.0	146.6	129.2	104.5	128.7	169.2	158.0
	2027	170.7	145.1	106.6	119.2	145.2	153.5	164.5	159.0	147.6	130.2	104.9	129.1	170.7	159.0
	2028	171.3	145.6	107.1	119.7	145.7	154.0	165.0	159.6	148.0	130.7	105.7	129.9	171.3	159.6
	2029	172.2	146.4	107.8	120.1	146.2	154.4	165.4	159.9	148.4	131.1	106.2	130.3	172.2	159.9
	2030	172.8	146.9	108.3	120.7	146.9	155.0	166.0	160.5	148.9	131.7	107.0	131.1	172.8	160.5
	2031	173.8	147.7	109.1	121.4	147.8	155.7	166.9	161.4	149.7	132.6	107.6	131.7	173.8	161.4
	2032	174.6	148.4	109.7	122.2	148.8	156.6	167.8	162.2	150.5	133.5	108.8	132.8	174.6	162.2
Projected	2033	176.1	149.7	110.9	123.1	149.8	157.5	168.8	163.1	151.3	134.5	109.8	133.8	176.1	163.1
	2034	177.3	150.8	111.9	124.0	150.9	158.5	169.8	164.2	152.3	135.6	110.8	134.6	177.3	164.2
	2035	178.4	151.7	112.8	125.1	152.1	159.7	171.1	165.4	153.4	136.7	111.6	135.4	178.4	165.4
	2036	179.3	152.5	113.7	126.2	153.4	161.0	172.5	166.8	154.7	138.0	112.9	136.5	179.3	166.8
	2037	180.9	153.8	115.0	127.2	154.5	162.0	173.6	167.9	155.7	139.0	113.8	137.2	180.9	167.9
	2038	181.7	154.5	115.8	128.1	155.6	163.0	174.6	168.9	156.7	139.8	114.7	137.9	181.7	168.9
	2039	182.6	155.4	116.7	129.0	156.7	164.0	175.7	169.9	157.6	140.8	115.4	138.5	182.6	169.9
	2040	183.4	156.0	117.4	129.9	157.8	165.0	176.8	171.0	158.6	141.8	116.6	139.6	183.4	171.0
	2041	184.8	157.3	118.6	130.9	158.9	166.1	177.9	172.0	159.6	142.8	117.6	140.5	184.8	172.0
	2042	185.9	158.2	119.5	131.8	160.0	167.1	179.0	173.1	160.6	143.8	118.6	141.4	185.9	173.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	92.8%	88.6%	98.4%	68.9%	96.5%
	2021	100.0%	100.0%	85.0%	94.0%	100.0%	100.0%	93.1%	97.7%	82.8%	94.1%	86.3%	97.9%	100.0%	93.3%
	2022	97.7%	100.0%	72.6%	90.2%	96.6%	87.3%	97.0%	99.5%	100.0%	93.8%	92.3%	93.8%	97.7%	87.3%
Projected	2023	94.7%	93.6%	85.2%	95.2%	98.2%	95.7%	96.4%	96.5%	94.4%	93.8%	92.3%	93.8%	94.7%	93.3%
	2024	94.7%	93.6%	85.2%	95.2%	98.2%	95.7%	96.4%	96.5%	94.4%	93.8%	92.3%	93.8%	94.7%	93.2%
	2025	94.7%	93.6%	85.2%	95.2%	98.2%	95.6%	96.4%	96.5%	94.4%	93.8%	92.3%	93.8%	94.7%	93.2%
	2026	94.7%	93.6%	85.2%	95.2%	98.2%	95.6%	96.4%	96.5%	94.4%	93.8%	92.3%	93.8%	94.7%	93.2%
	2027	94.7%	93.6%	85.2%	95.2%	98.2%	95.6%	96.4%	96.5%	94.4%	93.7%	92.3%	93.8%	94.7%	93.2%
	2028	94.7%	93.6%	85.2%	95.2%	98.2%	95.6%	96.4%	96.5%	94.4%	93.7%	92.3%	93.8%	94.7%	93.2%
	2029	94.7%	93.6%	85.2%	95.2%	98.2%	95.6%	96.4%	96.5%	94.4%	93.7%	92.3%	93.8%	94.7%	93.2%
	2030	94.7%	93.6%	85.2%	95.1%	98.2%	95.6%	96.4%	96.5%	94.4%	93.7%	92.3%	93.8%	94.7%	93.2%
	2031	94.7%	93.6%	85.2%	95.1%	98.2%	95.6%	96.4%	96.5%	94.4%	93.7%	92.3%	93.8%	94.7%	93.2%
	2032	94.7%	93.6%	85.2%	95.1%	98.2%	95.6%	96.4%	96.5%	94.4%	93.7%	92.3%	93.8%	94.7%	93.2%
	2013-2022	94.7%	93.6%	85.2%	95.2%	97.9%	95.5%	96.2%	96.4%	94.3%	93.0%	93.4%	93.0%	86.0%	93.9%
	2023-2032	94.7%	93.6%	85.2%	95.2%	98.2%	95.6%	96.4%	96.5%	94.4%	93.7%	92.3%	93.8%	94.7%	93.2%

FMPA 2023 Load Forecast - Base Case - Beaches Energy

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV)
(Fiscal Year 2013-2042)

	Fiscal Year	Residential						General Service Non-Demand						General Service Demand						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	Avg. Cust. (#)	% Chg	Sales/ Cust. (MWh)	% Chg	Sales (MWh)	% Chg	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2013	417,918		28,801		14,510		80,811		4,143		19.5		174,397		359		486		7,912		4,127		685,165		31,168	4.4%	716,333	
	2014	432,573	3.5%	29,081	1.0%	14,875	2.5%	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	1.1%	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	-0.5%	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	-5.4%	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	3.4%	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	1.0%	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	0.1%	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%
	2021	449,587	0.5%	30,444	0.7%	14,768	-0.2%	80,446	0.3%	4,431	0.7%	18.2	-0.4%	166,875	2.2%	331	-2.6%	504	4.9%	7,769	0.3%	4,135	13.0%	708,813	0.9%	25,818	3.5%	734,631	0.9%
	2022	447,555	-0.5%	30,453	0.0%	14,697	-0.5%	79,794	-0.8%	4,446	0.3%	17.9	-1.1%	166,441	-0.3%	327	-1.4%	509	1.1%	7,577	-2.5%	4,145	0.2%	705,513	-0.5%	32,514	4.4%	738,027	0.5%
Projected	2023	449,262	0.4%	30,616	0.5%	14,674	-0.2%	78,507	-1.6%	4,493	1.1%	17.5	-2.6%	165,350	-0.7%	329	0.6%	503	-1.3%	7,775	2.6%	4,145	0.0%	705,039	-0.1%	26,820	3.7%	731,859	-0.8%
	2024	450,253	0.2%	30,746	0.4%	14,644	-0.2%	79,194	0.9%	4,512	0.4%	17.6	0.4%	167,750	1.5%	338	2.8%	496	-1.3%	7,775	0.0%	4,145	0.0%	709,118	0.6%	28,612	3.9%	737,730	0.8%
	2025	455,409	1.1%	30,868	0.4%	14,754	0.7%	79,396	0.3%	4,533	0.5%	17.5	-0.2%	169,420	1.0%	344	1.9%	492	-0.9%	7,775	0.0%	4,145	0.0%	716,145	1.0%	27,446	3.7%	743,591	0.8%
	2026	461,647	1.4%	30,980	0.4%	14,901	1.0%	79,455	0.1%	4,554	0.5%	17.4	-0.4%	170,357	0.6%	349	1.4%	488	-0.8%	7,775	0.0%	4,145	0.0%	723,380	1.0%	27,701	3.7%	751,081	1.0%
	2027	467,116	1.2%	31,079	0.3%	15,030	0.9%	79,498	0.1%	4,574	0.4%	17.4	-0.4%	171,137	0.5%	353	1.0%	485	-0.5%	7,775	0.0%	4,145	0.0%	729,672	0.9%	27,916	3.7%	757,587	0.9%
	2028	470,262	0.7%	31,175	0.3%	15,085	0.4%	79,560	0.1%	4,593	0.4%	17.3	-0.3%	171,930	0.5%	355	0.7%	484	-0.2%	7,775	0.0%	4,145	0.0%	733,673	0.5%	29,550	3.9%	763,223	0.7%
	2029	472,430	0.5%	31,264	0.3%	15,111	0.2%	79,640	0.1%	4,611	0.4%	17.3	-0.3%	172,736	0.5%	357	0.5%	484	0.0%	7,775	0.0%	4,145	0.0%	736,726	0.4%	28,151	3.7%	764,877	0.2%
	2030	475,178	0.6%	31,348	0.3%	15,158	0.3%	79,734	0.1%	4,629	0.4%	17.2	-0.3%	173,552	0.5%	358	0.4%	485	0.1%	7,775	0.0%	4,145	0.0%	740,385	0.5%	28,313	3.7%	768,698	0.5%
	2031	479,289	0.9%	31,427	0.3%	15,251	0.6%	79,839	0.1%	4,646	0.4%	17.2	-0.2%	174,362	0.5%	359	0.4%	485	0.1%	7,775	0.0%	4,145	0.0%	745,411	0.7%	28,522	3.7%	773,933	0.7%
	2032	484,095	1.0%	31,493	0.2%	15,371	0.8%	79,958	0.1%	4,662	0.3%	17.1	-0.2%	175,159	0.5%	361	0.3%	486	0.1%	7,775	0.0%	4,145	0.0%	751,133	0.8%	30,293	3.9%	781,426	1.0%
	2033	489,098	1.0%	31,555	0.2%	15,500	0.8%	80,089	0.2%	4,678	0.3%	17.1	-0.2%	175,961	0.5%	362	0.3%	487	0.2%	7,775	0.0%	4,145	0.0%	757,069	0.8%	28,979	3.7%	786,048	0.6%
	2034	494,239	1.1%	31,616	0.2%	15,632	0.9%	80,237	0.2%	4,693	0.3%	17.1	-0.1%	176,778	0.5%	363	0.3%	488	0.2%	7,775	0.0%	4,145	0.0%	763,175	0.8%	29,213	3.7%	792,388	0.8%
	2035	499,405	1.0%	31,675	0.2%	15,766	0.9%	80,404	0.2%	4,707	0.3%	17.1	-0.1%	177,608	0.5%	364	0.3%	489	0.2%	7,775	0.0%	4,145	0.0%	769,337	0.8%	29,459	3.7%	798,796	0.8%
	2036	505,037	1.1%	31,729	0.2%	15,917	1.0%	80,594	0.2%	4,721	0.3%	17.1	-0.1%	178,452	0.5%	364	0.2%	490	0.2%	7,775	0.0%	4,145	0.0%	776,003	0.9%	31,316	3.9%	807,319	1.1%
	2037	510,074	1.0%	31,779	0.2%	16,051	0.8%	80,795	0.2%	4,735	0.3%	17.1	0.0%	179,290	0.5%	365	0.2%	491	0.2%	7,775	0.0%	4,145	0.0%	782,079	0.8%	29,942	3.7%	812,021	0.6%
	2038	514,243	0.8%	31,825	0.1%	16,158	0.7%	81,007	0.3%	4,748	0.3%	17.1	0.0%	180,135	0.5%	366	0.2%	492	0.3%	7,775	0.0%	4,145	0.0%	787,306	0.7%	30,154	3.7%	817,461	0.7%
	2039	518,775	0.9%	31,873	0.1%	16,277	0.7%	81,192	0.2%	4,760	0.3%	17.1	0.0%	180,948	0.5%	367	0.2%	493	0.2%	7,775	0.0%	4,145	0.0%	792,835	0.7%	30,383	3.7%	823,218	0.7%
	2040	523,721	1.0%	31,917	0.1%	16,409	0.8%	81,362	0.2%	4,773	0.3%	17.0	0.0%	181,744	0.4%	367	0.2%	495	0.2%	7,775	0.0%	4,145	0.0%	798,748	0.7%	32,260	3.9%	831,007	0.9%
	2041	528,760	1.0%	31,959	0.1%	16,545	0.8%	81,522	0.2%	4,784	0.2%	17.0	-0.1%	182,520	0.4%	368	0.2%	496	0.2%	7,775	0.0%	4,145	0.0%	804,723	0.7%	30,855	3.7%	835,578	0.6%
	2042	533,759	0.9%	32,002	0.1%	16,679	0.8%	81,688	0.2%	4,797	0.3%	17.0	0.0%	183,306	0.4%	369	0.2%	497	0.2%	7,775	0.0%	4,145	0.0%	810,674	0.7%	31,086	3.7%	841,760	0.7%
CAGR	2013-2022		0.8%		0.6%		0.1%		-0.1%		0.8%		-0.9%		-0.5%		-1.0%		0.5%		-0.5%		0.0%		0.3%		3.7%		0.3%
	2023-2032		0.8%		0.3%		0.5%		0.2%		0.4%		-0.2%		0.6%		1.0%		-0.4%		-0.5%		0.0%		0.7%		3.7%		0.7%
	2033-2042		1.0%		0.2%		0.8%		0.2%		0.3%		-0.1%		0.5%		0.2%		0.2%		-0.5%		0.0%		0.8%		3.7%		0.8%

CAGR - Compound Average Growth Rate.

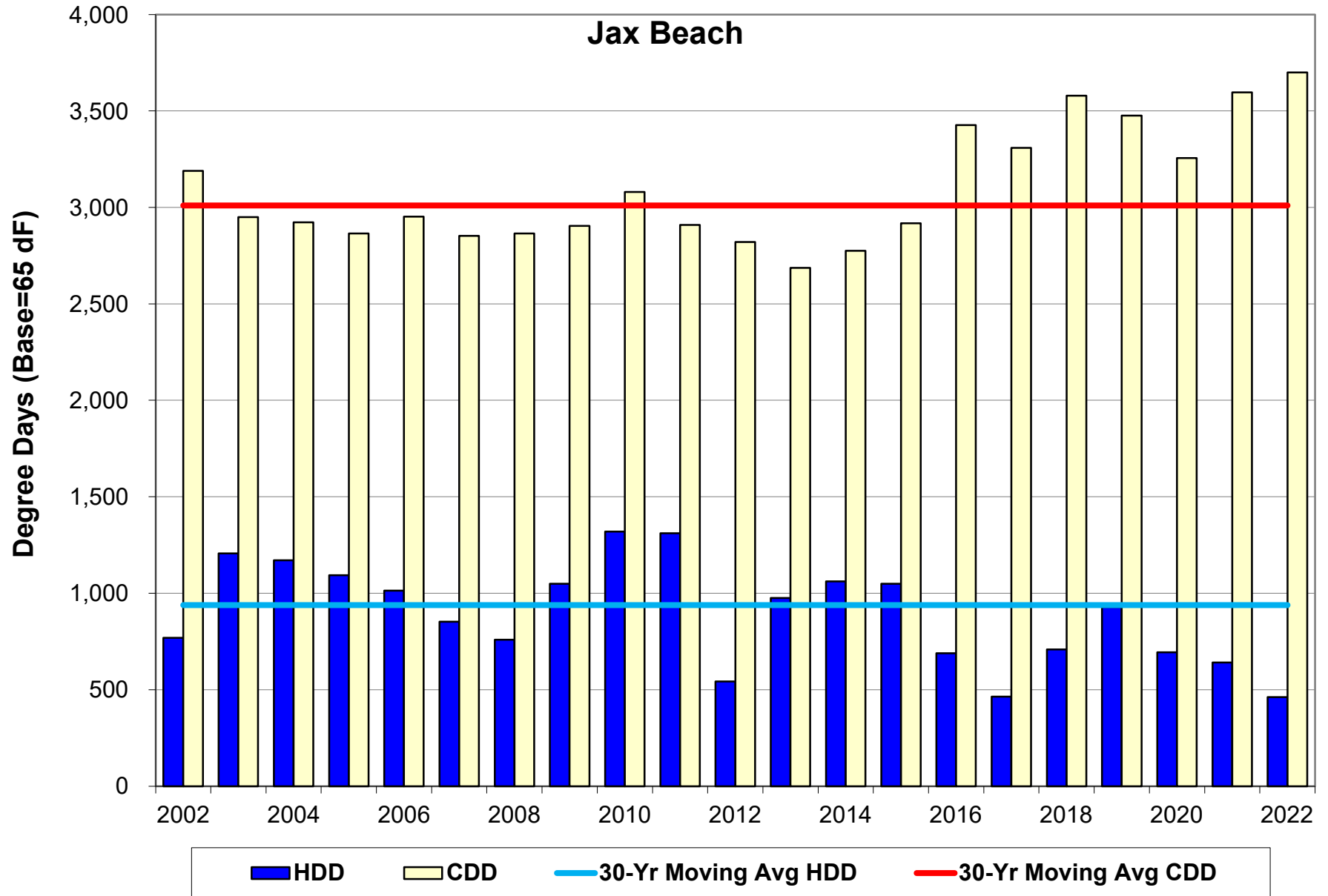
FMPA 2023 Load Forecast

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
2002	481.4	-	193.1	-	311.8	-	16.81	-	25,379	-	18,921	-	97,997	-
2003	489.2	1.6%	197.9	2.5%	319.8	2.6%	16.29	-3.1%	26,681	5.1%	19,668	4.0%	99,373	1.4%
2004	499.3	2.0%	201.0	1.6%	329.1	2.9%	16.29	0.0%	28,044	5.1%	20,534	4.4%	102,144	2.8%
2005	508.0	1.8%	205.0	2.0%	338.5	2.8%	16.30	0.1%	29,299	4.5%	21,596	5.2%	105,348	3.1%
2006	518.8	2.1%	208.7	1.8%	349.8	3.4%	16.36	0.4%	30,479	4.0%	22,893	6.0%	109,709	4.1%
2007	526.7	1.5%	212.2	1.7%	355.5	1.6%	16.04	-1.9%	31,034	1.8%	23,214	1.4%	109,392	-0.3%
2008	532.1	1.0%	213.6	0.7%	349.9	-1.6%	15.47	-3.6%	29,426	-5.2%	22,761	-2.0%	106,546	-2.6%
2009	536.5	0.8%	214.1	0.2%	335.1	-4.2%	14.21	-8.1%	28,567	-2.9%	21,601	-5.1%	100,891	-5.3%
2010	541.9	1.0%	214.7	0.3%	334.2	-0.3%	13.33	-6.2%	28,267	-1.0%	22,442	3.9%	104,518	3.6%
2011	549.3	1.4%	220.1	2.5%	341.8	2.3%	13.47	1.1%	27,673	-2.1%	23,004	2.5%	104,493	0.0%
2012	557.7	1.5%	222.9	1.2%	345.3	1.0%	13.87	2.9%	28,034	1.3%	23,668	2.9%	106,201	1.6%
2013	565.8	1.5%	226.5	1.6%	351.7	1.9%	14.02	1.1%	28,969	3.3%	23,589	-0.3%	104,150	-1.9%
2014	577.0	2.0%	230.7	1.9%	361.6	2.8%	14.05	0.2%	29,795	2.9%	24,368	3.3%	105,624	1.4%
2015	589.8	2.2%	235.5	2.1%	374.7	3.6%	14.84	5.6%	31,672	6.3%	25,772	5.8%	109,429	3.6%
2016	603.7	2.4%	240.4	2.1%	387.6	3.4%	14.85	0.1%	32,948	4.0%	26,559	3.1%	110,474	1.0%
2017	615.7	2.0%	243.3	1.2%	406.8	4.9%	15.61	5.1%	34,217	3.9%	28,162	6.0%	115,754	4.8%
2018	627.8	2.0%	247.8	1.8%	419.1	3.0%	15.79	1.2%	35,520	3.8%	28,993	2.9%	117,017	1.1%
2019	639.5	1.9%	251.6	1.5%	427.2	1.9%	16.14	2.2%	37,407	5.3%	30,124	3.9%	119,745	2.3%
2020	651.0	1.8%	253.0	0.6%	415.5	-2.7%	16.12	-0.1%	37,705	0.8%	32,004	6.2%	126,485	5.6%
2021	656.7	0.9%	257.0	1.6%	438.9	5.6%	16.20	0.6%	39,063	3.6%	31,962	-0.1%	124,342	-1.7%
2022	664.3	1.2%	261.3	1.7%	449.8	2.5%	16.22	0.1%	39,814	1.9%	32,888	2.9%	125,861	1.2%
2023	671.8	1.1%	265.4	1.6%	460.6	2.4%	16.21	0.0%	40,572	1.9%	33,826	2.8%	127,470	1.3%
2024	679.3	1.1%	269.2	1.5%	468.9	1.8%	16.18	-0.2%	41,739	2.9%	34,798	2.9%	129,255	1.4%
2025	686.7	1.1%	272.9	1.4%	477.3	1.8%	16.13	-0.3%	42,922	2.8%	35,785	2.8%	131,125	1.4%
2026	693.1	0.9%	276.0	1.2%	484.8	1.6%	16.07	-0.4%	44,056	2.6%	36,734	2.7%	133,072	1.5%
2027	699.5	0.9%	279.1	1.1%	492.2	1.5%	16.01	-0.4%	45,206	2.6%	37,697	2.6%	135,084	1.5%
2028	705.8	0.9%	282.0	1.0%	499.6	1.5%	15.94	-0.4%	46,372	2.6%	38,675	2.6%	137,163	1.5%
2029	712.1	0.9%	284.7	1.0%	507.3	1.5%	15.88	-0.4%	47,555	2.6%	39,669	2.6%	139,321	1.6%
2030	718.3	0.9%	287.4	0.9%	515.1	1.5%	15.83	-0.3%	48,755	2.5%	40,677	2.5%	141,548	1.6%
2031	723.6	0.7%	289.6	0.8%	522.5	1.4%	15.76	-0.4%	49,910	2.4%	41,648	2.4%	143,831	1.6%
2032	728.8	0.7%	291.6	0.7%	530.1	1.5%	15.68	-0.5%	51,081	2.3%	42,631	2.4%	146,175	1.6%
2033	734.0	0.7%	293.6	0.7%	537.3	1.4%	15.61	-0.5%	52,268	2.3%	43,627	2.3%	148,572	1.6%
2034	739.1	0.7%	295.6	0.7%	544.5	1.3%	15.54	-0.4%	53,472	2.3%	44,637	2.3%	151,016	1.6%
2035	744.2	0.7%	297.4	0.6%	551.6	1.3%	15.47	-0.4%	54,694	2.3%	45,660	2.3%	153,510	1.7%
2036	748.6	0.6%	299.1	0.5%	558.6	1.3%	15.39	-0.5%	55,895	2.2%	46,665	2.2%	156,041	1.6%
2037	753.0	0.6%	300.6	0.5%	565.3	1.2%	15.31	-0.5%	57,113	2.2%	47,682	2.2%	158,607	1.6%
2038	757.4	0.6%	302.2	0.5%	572.1	1.2%	15.23	-0.5%	58,348	2.2%	48,711	2.2%	161,207	1.6%
2039	761.7	0.6%	303.7	0.5%	578.9	1.2%	15.15	-0.5%	59,599	2.1%	49,752	2.1%	163,846	1.6%
2040	766.0	0.6%	305.1	0.5%	585.8	1.2%	15.07	-0.5%	60,867	2.1%	50,804	2.1%	166,506	1.6%
2041	769.9	0.5%	306.5	0.5%	592.4	1.1%	14.98	-0.6%	62,126	2.1%	51,847	2.1%	169,157	1.6%
2042	773.8	0.5%	307.9	0.5%	599.1	1.1%	14.89	-0.6%	63,401	2.1%	52,900	2.0%	171,785	1.6%
Average Percent Change														
2012-2022		1.8%		1.6%		2.7%		1.6%		3.6%		3.3%		1.7%
2023-2032		0.9%		1.1%		1.6%		-0.4%		2.6%		2.6%		1.5%
2033-2042		0.6%		0.5%		1.2%		-0.5%		2.2%		2.2%		1.6%



Keys

FMPA 2023 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	Year															
	2013	738,003	-	754,661	-	2.3%	70.6	-	74.9	-	6.1%	129.6	-	130.2		0.5%
	2014	770,420	4.4%	755,112	0.1%	-2.0%	75.0	6.2%	76.4	2.1%	1.9%	132.7	2.4%	135.1	3.7%	1.8%
	2015	779,772	1.2%	769,357	1.9%	-1.3%	89.9	19.9%	77.1	0.9%	-14.2%	130.0	-2.1%	126.1	-6.6%	-3.0%
	2016	800,141	2.6%	787,978	2.4%	-1.5%	123.7	37.5%	80.9	4.9%	-34.6%	140.6	8.1%	140.1	11.1%	-0.3%
	2017	764,330	-4.5%	741,979	-5.8%	-2.9%	112.6	-8.9%	122.8	51.8%	9.1%	140.7	0.1%	136.2	-2.8%	-3.2%
	2018	746,631	-2.3%	742,891	0.1%	-0.5%	75.6	-32.8%	75.4	-38.6%	-0.3%	135.2	-3.9%	141.1	3.6%	4.4%
	2019	786,598	5.4%	750,223	1.0%	-4.6%	114.3	51.1%	80.2	6.3%	-29.9%	142.3	5.2%	144.4	2.3%	1.5%
	2020	771,538	-1.9%	732,895	-2.3%	-5.0%	110.2	-3.6%	80.9	0.9%	-26.6%	136.4	-4.1%	132.9	-7.9%	-2.6%
	2021	772,841	0.2%	776,593	6.0%	0.5%	66.7	-39.4%	70.9	-12.4%	6.2%	138.4	1.4%	134.1	0.9%	-3.1%
	2022	783,110	1.3%	788,933	1.6%	0.7%	83.3	24.8%	78.8	11.2%	-5.4%	135.3	-2.2%	131.5	-2.0%	-2.8%
Projected	2023	789,614	0.8%	789,614	0.1%		74.3	-10.8%	74.3	-5.7%		139.1	2.8%	139.1	5.8%	
	2024			791,801	0.3%				74.0	-0.4%				139.1	0.0%	
	2025			793,345	0.2%				74.7	1.0%				139.7	0.4%	
	2026			796,508	0.4%				75.1	0.5%				140.1	0.3%	
	2027			799,106	0.3%				75.4	0.3%				140.6	0.3%	
	2028			802,431	0.4%				75.0	-0.4%				141.1	0.4%	
	2029			805,000	0.3%				75.9	1.2%				141.6	0.4%	
	2030			808,388	0.4%				76.2	0.4%				142.2	0.4%	
	2031			812,168	0.5%				76.6	0.5%				142.9	0.5%	
	2032			816,687	0.6%				76.3	-0.3%				143.6	0.5%	
	2033			820,202	0.4%				77.3	1.3%				144.3	0.5%	
	2034			824,782	0.6%				77.7	0.5%				145.1	0.6%	
	2035			829,817	0.6%				78.1	0.5%				146.1	0.6%	
	2036			835,749	0.7%				77.8	-0.3%				147.1	0.7%	
	2037			840,747	0.6%				78.8	1.3%				148.2	0.7%	
	2038			846,329	0.7%				79.2	0.5%				149.2	0.7%	
	2039			851,197	0.6%				79.6	0.5%				150.1	0.6%	
	2040			856,283	0.6%				79.4	-0.3%				150.9	0.5%	
	2041			860,005	0.4%				80.3	1.2%				151.7	0.5%	
	2042			864,689	0.5%				80.7	0.4%				152.6	0.6%	
CAGR ^[3]	2013-2022		0.7%		0.5%			1.8%		0.6%			0.5%		0.1%	
	2023-2032				0.4%					0.3%					0.4%	
	2033-2042				0.6%					0.5%					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 2023 Load Forecast - Base Case

Keys Energy

2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	738,003	-	738,003	-	115.9	136.1	123.9	136.1	70.6	129.6	70.6	129.6
	2014	770,420	4.4%	770,420	4.4%	115.1	144.2	128.0	144.2	75.0	132.7	75.0	132.7
	2015	779,772	1.2%	779,772	1.2%	124.0	146.7	127.0	146.7	89.9	130.0	89.9	130.0
	2016	800,141	2.6%	800,141	2.6%	128.5	147.2	130.8	147.2	123.7	140.6	123.7	140.6
	2017	764,330	-4.5%	764,330	-4.5%	116.6	148.0	130.6	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	125.9	146.7	114.3	142.3	114.3	142.3
	2020	771,538	-1.9%	771,538	-1.9%	121.8	142.8	131.5	142.8	110.2	136.4	110.2	136.4
	2021	772,841	0.2%	772,841	0.2%	123.7	145.1	129.1	145.1	66.7	138.4	66.7	138.4
	2022	783,110	1.3%	780,670	1.0%	127.6	144.7	127.8	148.8	83.3	135.3	75.2	139.0
Projected	2023	789,614	0.8%	786,665	0.8%	121.6	149.5	131.2	149.8	74.3	139.1	75.9	139.9
	2024	791,801	0.3%	793,099	0.8%	125.8	149.5	132.1	150.8	74.0	139.1	76.0	140.8
	2025	793,345	0.2%	797,592	0.6%	126.0	150.1	133.0	151.7	74.7	139.7	77.1	141.7
	2026	796,508	0.4%	802,318	0.6%	126.5	150.6	133.8	152.5	75.1	140.1	77.6	142.4
	2027	799,106	0.3%	806,193	0.5%	127.1	151.1	134.5	153.2	75.4	140.6	78.1	143.0
	2028	802,431	0.4%	810,052	0.5%	127.6	151.6	135.2	153.8	75.0	141.1	77.8	143.6
	2029	805,000	0.3%	812,637	0.3%	128.3	152.2	135.7	154.4	75.9	141.6	78.8	144.1
	2030	808,388	0.4%	815,638	0.4%	129.0	152.9	136.2	154.9	76.2	142.2	79.1	144.6
	2031	812,168	0.5%	818,723	0.4%	129.8	153.6	136.8	155.5	76.6	142.9	79.4	145.1
	2032	816,687	0.6%	822,286	0.4%	130.6	154.4	137.3	156.0	76.3	143.6	79.2	145.6
	2033	820,202	0.4%	824,725	0.3%	131.6	155.2	137.8	156.6	77.3	144.3	80.1	146.1
	2034	824,782	0.6%	827,550	0.3%	132.5	156.1	138.3	157.1	77.7	145.1	80.4	146.6
	2035	829,817	0.6%	830,258	0.3%	133.5	157.1	138.8	157.6	78.1	146.1	80.7	147.0
	2036	835,749	0.7%	833,379	0.4%	134.6	158.2	139.3	158.0	77.8	147.1	80.4	147.5
	2037	840,747	0.6%	835,401	0.2%	135.7	159.3	139.8	158.5	78.8	148.2	81.3	147.9
	2038	846,329	0.7%	837,806	0.3%	136.8	160.4	140.2	158.9	79.2	149.2	81.6	148.3
	2039	851,197	0.6%	840,039	0.3%	137.8	161.4	140.6	159.3	79.6	150.1	81.9	148.6
	2040	856,283	0.6%	842,699	0.3%	138.8	162.3	141.0	159.7	79.4	150.9	81.5	149.0
	2041	860,005	0.4%	844,999	0.3%	139.7	163.1	141.4	160.1	80.3	151.7	82.7	149.4
	2042	864,689	0.5%			140.7	164.1			80.7	152.6		
CAGR ^[1]	Historical		0.7%		0.6%	1.1%	0.7%	0.5%	0.8%	1.3%	0.2%	-1.7%	0.6%
	1st 10 Prj Yrs		0.4%		0.5%	0.8%	0.4%	0.8%	0.5%	0.3%	0.4%	0.6%	0.5%
	2nd 10 Prj Yrs		0.6%		0.3%	0.7%	0.6%	0.3%	0.3%	0.5%	0.6%	0.5%	0.3%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	69,349	56,989	50,163	765,491	771,538
	2021	49,451	53,469	59,714	62,365	70,171	72,771	78,291	79,460	70,648	69,047	51,986	58,452	775,824	772,841
	2022	53,998	50,555	63,782	63,588	71,572	70,999	80,629	79,130	69,374	70,281	56,014	56,817	786,736	783,110
Projected	2023	54,211	51,867	59,410	63,398	68,452	74,799	80,247	80,434	73,685	69,877	56,662	56,929	789,972	789,614
	2024	54,426	52,717	59,741	63,597	68,585	74,908	80,320	80,410	73,630	69,905	56,733	57,065	792,036	791,801
	2025	54,532	52,310	59,865	63,737	68,771	75,126	80,571	80,751	73,980	70,237	57,008	57,352	794,239	793,345
	2026	54,793	52,553	60,121	64,000	69,029	75,378	80,832	80,999	74,204	70,466	57,191	57,564	797,131	796,508
	2027	54,991	52,741	60,320	64,209	69,254	75,611	81,083	81,247	74,428	70,703	57,379	57,782	799,749	799,106
	2028	55,200	53,475	60,532	64,432	69,497	75,865	81,360	81,525	74,681	70,969	57,591	58,031	803,159	802,431
	2029	55,438	53,168	60,772	64,683	69,768	76,143	81,662	81,824	74,950	71,248	57,812	58,297	805,765	805,000
	2030	55,694	53,413	61,031	64,956	70,066	76,451	82,000	82,162	75,257	71,566	58,066	58,602	809,264	808,388
	2031	55,986	53,692	61,323	65,262	70,398	76,790	82,369	82,529	75,587	71,908	58,338	58,928	813,109	812,168
	2032	56,297	54,543	61,631	65,583	70,744	77,141	82,748	82,904	75,923	72,262	58,617	59,267	817,659	816,687
Projected	2033	56,620	54,294	61,948	65,912	71,099	77,498	83,135	83,286	76,264	72,662	58,940	59,638	821,295	820,202
	2034	56,972	54,628	62,312	66,286	71,499	77,904	83,573	83,716	76,652	73,104	59,302	60,037	825,985	824,782
	2035	57,353	54,986	62,719	66,699	71,940	78,355	84,054	84,189	77,079	73,562	59,681	60,452	831,069	829,817
	2036	57,749	55,951	63,151	67,139	72,410	78,837	84,572	84,700	77,545	74,045	60,081	60,896	837,077	835,749
	2037	58,172	55,759	63,608	67,601	72,901	79,336	85,105	85,224	78,019	74,529	60,480	61,340	842,074	840,747
	2038	58,595	56,158	64,064	68,062	73,392	79,833	85,637	85,747	78,492	74,950	60,824	61,736	847,489	846,329
	2039	58,971	56,514	64,456	68,462	73,819	80,264	86,099	86,201	78,901	75,338	61,138	62,102	852,265	851,197
	2040	59,320	57,474	64,814	68,826	74,209	80,655	86,520	86,614	79,272	75,716	61,442	62,460	857,324	856,283
	2041	59,661	57,166	65,163	69,183	74,591	81,038	86,932	87,018	79,635	76,114	61,767	62,828	861,095	860,005
	2042	60,022	57,506	65,543	69,570	75,004	81,458	87,382	87,460	80,034	76,500	62,080	63,191	865,752	864,689

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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	7.0%	7.0%	7.6%	8.0%	7.9%	9.5%	10.0%	10.5%	9.4%	9.1%	7.4%	6.6%	100.0%
	2021	6.4%	6.9%	7.7%	8.0%	9.0%	9.4%	10.1%	10.2%	9.1%	8.9%	6.7%	7.5%	100.0%
	2022	6.9%	6.4%	8.1%	8.1%	9.1%	9.0%	10.2%	10.1%	8.8%	8.9%	7.1%	7.2%	100.0%
Projected	2023	6.9%	6.6%	7.5%	8.0%	8.7%	9.5%	10.2%	10.2%	9.3%	8.8%	7.2%	7.2%	100.0%
	2024	6.9%	6.7%	7.5%	8.0%	8.7%	9.5%	10.1%	10.2%	9.3%	8.8%	7.2%	7.2%	100.0%
	2025	6.9%	6.6%	7.5%	8.0%	8.7%	9.5%	10.1%	10.2%	9.3%	8.8%	7.2%	7.2%	100.0%
	2026	6.9%	6.6%	7.5%	8.0%	8.7%	9.5%	10.1%	10.2%	9.3%	8.8%	7.2%	7.2%	100.0%
	2027	6.9%	6.6%	7.5%	8.0%	8.7%	9.5%	10.1%	10.2%	9.3%	8.8%	7.2%	7.2%	100.0%
	2028	6.9%	6.7%	7.5%	8.0%	8.7%	9.4%	10.1%	10.2%	9.3%	8.8%	7.2%	7.2%	100.0%
	2029	6.9%	6.6%	7.5%	8.0%	8.7%	9.4%	10.1%	10.2%	9.3%	8.8%	7.2%	7.2%	100.0%
	2030	6.9%	6.6%	7.5%	8.0%	8.7%	9.4%	10.1%	10.2%	9.3%	8.8%	7.2%	7.2%	100.0%
	2031	6.9%	6.6%	7.5%	8.0%	8.7%	9.4%	10.1%	10.1%	9.3%	8.8%	7.2%	7.2%	100.0%
	2032	6.9%	6.7%	7.5%	8.0%	8.7%	9.4%	10.1%	10.1%	9.3%	8.8%	7.2%	7.2%	100.0%
Avg.	2013-2022	6.8%	6.7%	7.6%	8.1%	8.8%	9.4%	10.3%	10.2%	8.8%	8.8%	7.3%	7.3%	100.0%
	2023-2032	6.9%	6.6%	7.5%	8.0%	8.7%	9.5%	10.1%	10.2%	9.3%	8.8%	7.2%	7.2%	100.0%

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

FMPA 2023 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	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	129.1	123.7	101.9	121.8	142.8
	2021	102.9	119.7	122.4	128.3	135.7	140.5	145.1	145.1	137.9	133.4	106.9	115.7	123.7	145.1
	2022	111.0	115.5	127.6	132.1	133.5	138.1	144.7	142.8	139.2	127.3	121.6	115.3	127.6	144.7
Projected	2023	112.9	120.1	119.5	129.9	136.7	143.7	149.5	147.4	140.8	131.7	125.8	114.9	121.6	149.5
	2024	112.5	119.7	119.6	130.0	136.8	143.8	149.5	147.4	140.8	131.8	126.0	116.0	125.8	149.5
	2025	113.6	120.9	120.2	130.5	137.4	144.3	150.1	148.0	141.4	132.3	126.5	116.6	126.0	150.1
	2026	114.1	121.4	120.6	131.0	137.9	144.8	150.6	148.5	141.8	132.8	127.1	117.0	126.5	150.6
	2027	114.5	121.8	121.1	131.4	138.4	145.3	151.1	149.0	142.3	133.4	127.6	116.5	127.1	151.1
	2028	114.0	121.3	121.7	132.0	138.9	145.8	151.6	149.5	142.8	134.0	128.3	117.8	127.6	151.6
	2029	115.4	122.7	122.3	132.6	139.6	146.4	152.2	150.1	143.4	134.6	129.0	118.3	128.3	152.2
	2030	115.8	123.2	123.1	133.3	140.3	147.0	152.9	150.8	144.0	135.3	129.8	118.8	129.0	152.9
	2031	116.4	123.8	123.9	134.0	141.0	147.7	153.6	151.5	144.7	136.1	130.6	118.5	129.8	153.6
	2032	116.0	123.4	124.7	134.8	141.9	148.5	154.4	152.2	145.4	136.9	131.6	120.0	130.6	154.4
Projected	2033	117.5	125.0	125.6	135.6	142.7	149.2	155.2	153.0	146.2	137.8	132.5	120.6	131.6	155.2
	2034	118.1	125.6	126.5	136.5	143.6	150.1	156.1	153.9	147.0	138.8	133.5	121.2	132.5	156.1
	2035	118.6	126.2	127.5	137.5	144.6	151.1	157.1	154.9	148.0	139.9	134.6	120.8	133.5	157.1
	2036	118.3	125.8	128.5	138.5	145.7	152.2	158.2	156.0	149.0	141.0	135.7	122.4	134.6	158.2
	2037	119.8	127.4	129.6	139.6	146.8	153.3	159.3	157.1	150.1	142.1	136.8	123.0	135.7	159.3
	2038	120.4	128.0	130.7	140.7	147.9	154.4	160.4	158.2	151.2	143.0	137.8	123.5	136.8	160.4
	2039	121.0	128.6	131.7	141.7	148.9	155.3	161.4	159.2	152.2	144.0	138.8	123.1	137.8	161.4
	2040	120.6	128.2	132.6	142.5	149.8	156.2	162.3	160.1	153.0	144.8	139.7	124.6	138.8	162.3
	2041	122.1	129.8	133.5	143.4	150.7	157.0	163.1	160.9	153.8	145.8	140.7	125.2	139.7	163.1
	2042	122.6	130.3	134.4	144.3	151.7	157.9	164.1	161.8	154.8	146.7	141.6	125.7	140.7	164.1

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	72.2%	64.0%	66.2%	71.8%	61.7%
	2021	64.6%	66.5%	65.6%	67.5%	69.5%	71.9%	72.5%	73.6%	71.2%	69.6%	67.6%	67.9%	71.6%	60.8%
	2022	65.4%	65.1%	67.2%	66.8%	72.1%	71.4%	74.9%	74.5%	69.2%	74.2%	64.0%	66.2%	70.4%	61.8%
Projected	2023	64.5%	64.3%	66.8%	67.8%	67.3%	72.3%	72.2%	73.3%	72.7%	71.3%	62.5%	66.6%	74.2%	60.3%
	2024	65.0%	63.3%	67.1%	68.0%	67.4%	72.4%	72.2%	73.3%	72.6%	71.3%	62.6%	66.1%	71.9%	60.4%
	2025	64.5%	64.4%	67.0%	67.8%	67.3%	72.3%	72.1%	73.3%	72.7%	71.3%	62.6%	66.1%	72.0%	60.3%
	2026	64.5%	64.4%	67.0%	67.9%	67.3%	72.3%	72.1%	73.3%	72.7%	71.3%	62.5%	66.1%	71.9%	60.4%
	2027	64.5%	64.4%	66.9%	67.8%	67.3%	72.3%	72.1%	73.3%	72.7%	71.3%	62.4%	66.7%	71.8%	60.4%
	2028	65.1%	63.3%	66.9%	67.8%	67.2%	72.3%	72.1%	73.3%	72.6%	71.2%	62.4%	66.2%	71.8%	60.4%
	2029	64.6%	64.5%	66.8%	67.8%	67.2%	72.2%	72.1%	73.3%	72.6%	71.1%	62.3%	66.2%	71.7%	60.4%
	2030	64.6%	64.5%	66.7%	67.7%	67.1%	72.2%	72.1%	73.3%	72.6%	71.1%	62.1%	66.3%	71.6%	60.4%
	2031	64.7%	64.6%	66.5%	67.6%	67.1%	72.2%	72.1%	73.2%	72.6%	71.0%	62.0%	66.9%	71.5%	60.3%
	2032	65.2%	63.5%	66.4%	67.6%	67.0%	72.2%	72.0%	73.2%	72.5%	70.9%	61.9%	66.4%	71.4%	60.4%
Avg.	2013-2022	65.1%	66.6%	65.2%	67.9%	70.3%	72.9%	73.6%	74.2%	68.8%	71.1%	66.0%	67.4%	72.2%	60.9%
	2023-2032	64.7%	64.1%	66.8%	67.8%	67.2%	72.3%	72.1%	73.3%	72.6%	71.2%	62.3%	66.4%	72.0%	60.4%

FMPA 2023 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	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	125.6	123.7	64.0	110.2	136.4
	2021	60.3	66.7	122.4	124.6	130.7	132.8	133.0	138.4	137.2	133.1	102.5	114.3	66.7	138.4
	2022	83.3	63.8	115.4	130.7	124.0	135.3	144.5	137.5	135.3	123.8	110.7	89.6	83.3	135.3
Projected	2023	74.3	91.8	107.3	122.7	127.4	137.3	140.4	139.1	136.5	128.1	114.6	89.3	74.3	139.1
	2024	74.0	91.4	107.4	122.8	127.4	137.4	140.5	139.1	136.5	128.2	114.7	90.2	74.0	139.1
	2025	74.7	92.4	107.9	123.3	128.0	137.9	141.0	139.7	137.0	128.7	115.2	90.6	74.7	139.7
	2026	75.1	92.8	108.3	123.7	128.4	138.3	141.4	140.1	137.5	129.2	115.7	90.9	75.1	140.1
	2027	75.4	93.1	108.7	124.2	128.9	138.8	141.9	140.6	137.9	129.7	116.2	90.5	75.4	140.6
	2028	75.0	92.7	109.3	124.7	129.4	139.3	142.4	141.1	138.4	130.3	116.8	91.6	75.0	141.1
	2029	75.9	93.8	109.8	125.3	130.0	139.8	143.0	141.6	139.0	130.9	117.5	91.9	75.9	141.6
	2030	76.2	94.2	110.5	125.9	130.6	140.4	143.6	142.2	139.6	131.6	118.2	92.4	76.2	142.2
	2031	76.6	94.6	111.2	126.6	131.4	141.1	144.3	142.9	140.2	132.4	119.0	92.1	76.6	142.9
	2032	76.3	94.3	112.0	127.3	132.1	141.8	145.0	143.6	140.9	133.2	119.8	93.3	76.3	143.6
Projected	2033	77.3	95.5	112.8	128.1	132.9	142.5	145.7	144.3	141.7	134.0	120.7	93.7	77.3	144.3
	2034	77.7	96.0	113.6	128.9	133.7	143.3	146.5	145.1	142.5	135.0	121.6	94.2	77.7	145.1
	2035	78.1	96.4	114.5	129.8	134.7	144.3	147.4	146.1	143.4	136.0	122.5	93.9	78.1	146.1
	2036	77.8	96.1	115.4	130.8	135.6	145.3	148.5	147.1	144.4	137.1	123.5	95.1	77.8	147.1
	2037	78.8	97.4	116.3	131.8	136.7	146.3	149.5	148.2	145.5	138.2	124.6	95.6	78.8	148.2
	2038	79.2	97.8	117.3	132.9	137.7	147.4	150.6	149.2	146.6	139.1	125.5	96.0	79.2	149.2
	2039	79.6	98.3	118.2	133.8	138.6	148.3	151.5	150.1	147.5	140.0	126.4	95.7	79.6	150.1
	2040	79.4	98.0	119.0	134.6	139.5	149.1	152.3	150.9	148.3	140.9	127.2	96.9	79.4	150.9
	2041	80.3	99.2	119.9	135.4	140.3	149.9	153.1	151.7	149.1	141.7	128.1	97.3	80.3	151.7
	2042	80.7	99.6	120.7	136.3	141.2	150.8	154.0	152.6	150.0	142.6	129.0	97.7	80.7	152.6

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	97.3%	100.0%	62.8%	90.5%	95.6%
	2021	58.6%	55.8%	100.0%	97.1%	96.3%	94.5%	91.6%	95.4%	99.5%	99.8%	95.9%	98.8%	54.0%	95.3%
	2022	75.0%	55.3%	90.5%	98.9%	92.9%	98.0%	99.8%	96.3%	97.3%	97.3%	91.1%	77.7%	65.3%	93.5%
Projected	2023	65.8%	76.4%	89.8%	94.5%	93.1%	95.5%	93.9%	94.4%	96.9%	97.3%	91.1%	77.7%	61.1%	93.0%
	2024	65.8%	76.4%	89.8%	94.5%	93.1%	95.5%	93.9%	94.4%	96.9%	97.3%	91.1%	77.7%	58.8%	93.0%
	2025	65.8%	76.4%	89.8%	94.5%	93.1%	95.5%	93.9%	94.4%	96.9%	97.3%	91.1%	77.7%	59.3%	93.0%
	2026	65.8%	76.4%	89.8%	94.5%	93.1%	95.5%	93.9%	94.4%	96.9%	97.3%	91.1%	77.7%	59.3%	93.0%
	2027	65.8%	76.4%	89.8%	94.5%	93.1%	95.5%	93.9%	94.4%	96.9%	97.3%	91.1%	77.7%	59.3%	93.0%
	2028	65.8%	76.4%	89.8%	94.5%	93.1%	95.5%	93.9%	94.4%	96.9%	97.3%	91.1%	77.7%	58.8%	93.0%
	2029	65.8%	76.4%	89.8%	94.5%	93.1%	95.5%	93.9%	94.3%	96.9%	97.3%	91.1%	77.7%	59.2%	93.0%
	2030	65.8%	76.4%	89.8%	94.5%	93.1%	95.5%	93.9%	94.3%	96.9%	97.3%	91.1%	77.7%	59.1%	93.0%
	2031	65.8%	76.4%	89.8%	94.5%	93.1%	95.5%	93.9%	94.3%	96.9%	97.3%	91.1%	77.7%	59.0%	93.0%
	2032	65.8%	76.4%	89.8%	94.5%	93.1%	95.5%	93.9%	94.3%	96.9%	97.3%	91.1%	77.7%	58.4%	93.0%
	2013-2022	65.8%	76.4%	89.8%	94.5%	93.2%	95.5%	93.9%	94.5%	97.0%	97.3%	90.6%	79.4%	75.4%	94.1%
	2023-2032	65.8%	76.4%	89.8%	94.5%	93.1%	95.5%	93.9%	94.4%	96.9%	97.3%	91.1%	77.7%	59.2%	93.0%

FMPA 2023 Load Forecast - Base Case - Keys

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV) (Fiscal Year 2013-2042)

		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	2013	326,921		24,821		13,171		309,858		4,203		73.7		55,799		2,934		695,513		42,490	5.8%	738,003	
	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%
	2021	384,641	-0.4%	26,534	1.1%	14,496	-1.5%	306,013	3.9%	4,509	0.4%	67.9	3.4%	37,884	-6.0%	1,847	-14.1%	730,385	1.0%	42,456	5.5%	772,841	0.2%
	2022	387,166	0.7%	26,696	0.6%	14,503	0.0%	311,646	1.8%	4,582	1.6%	68.0	0.2%	38,650	2.0%	1,656	-10.3%	739,118	1.2%	43,992	5.6%	783,110	1.3%
Projected	2023	387,798	0.2%	26,712	0.1%	14,517	0.1%	314,000	0.8%	4,736	3.4%	66.3	-2.5%	38,193	-1.2%	2,400	44.9%	742,391	0.4%	47,553	6.0%	789,944	0.9%
	2024	385,650	-0.6%	26,747	0.1%	14,418	-0.7%	319,365	1.7%	4,756	0.4%	67.2	1.3%	38,596	1.1%	2,376	-1.0%	745,987	0.5%	46,425	5.9%	792,412	0.3%
	2025	383,885	-0.5%	26,814	0.2%	14,317	-0.7%	323,241	1.2%	4,776	0.4%	67.7	0.8%	38,756	0.4%	2,352	-1.0%	748,234	0.3%	46,046	5.8%	794,280	0.2%
	2026	384,669	0.2%	26,881	0.2%	14,310	0.0%	325,792	0.8%	4,798	0.4%	67.9	0.3%	38,781	0.1%	2,329	-1.0%	751,571	0.4%	46,243	5.8%	797,814	0.4%
	2027	386,177	0.4%	26,945	0.2%	14,332	0.2%	327,174	0.4%	4,819	0.5%	67.9	0.0%	38,781	0.0%	2,305	-1.0%	754,438	0.4%	46,419	5.8%	800,857	0.4%
	2028	388,338	0.6%	27,007	0.2%	14,379	0.3%	328,166	0.3%	4,841	0.5%	67.8	-0.2%	38,781	0.0%	2,282	-1.0%	757,568	0.4%	47,143	5.9%	804,712	0.5%
	2029	390,794	0.6%	27,067	0.2%	14,438	0.4%	329,229	0.3%	4,863	0.5%	67.7	-0.1%	38,781	0.0%	2,260	-1.0%	761,065	0.5%	46,829	5.8%	807,893	0.4%
	2030	393,501	0.7%	27,124	0.2%	14,507	0.5%	330,415	0.4%	4,885	0.5%	67.6	-0.1%	38,781	0.0%	2,237	-1.0%	764,934	0.5%	47,070	5.8%	812,004	0.5%
	2031	396,594	0.8%	27,180	0.2%	14,592	0.6%	331,677	0.4%	4,907	0.4%	67.6	-0.1%	38,781	0.0%	2,215	-1.0%	769,267	0.6%	47,338	5.8%	816,605	0.6%
	2032	399,925	0.8%	27,233	0.2%	14,685	0.6%	332,978	0.4%	4,929	0.4%	67.6	0.0%	38,781	0.0%	2,192	-1.0%	773,877	0.6%	48,165	5.9%	822,042	0.7%
	2033	403,379	0.9%	27,285	0.2%	14,784	0.7%	334,283	0.4%	4,950	0.4%	67.5	0.0%	38,781	0.0%	2,171	-1.0%	778,614	0.6%	47,915	5.8%	826,529	0.5%
	2034	406,989	0.9%	27,335	0.2%	14,889	0.7%	335,605	0.4%	4,971	0.4%	67.5	0.0%	38,781	0.0%	2,149	-1.0%	783,524	0.6%	48,218	5.8%	831,742	0.6%
	2035	410,698	0.9%	27,383	0.2%	14,998	0.7%	336,946	0.4%	4,991	0.4%	67.5	0.0%	38,781	0.0%	2,127	-1.0%	788,553	0.6%	48,528	5.8%	837,081	0.6%
	2036	414,621	1.0%	27,430	0.2%	15,116	0.8%	338,324	0.4%	5,011	0.4%	67.5	0.0%	38,781	0.0%	2,106	-1.0%	793,832	0.7%	49,411	5.9%	843,243	0.7%
	2037	418,739	1.0%	27,475	0.2%	15,241	0.8%	339,708	0.4%	5,031	0.4%	67.5	0.0%	38,781	0.0%	2,085	-1.0%	799,313	0.7%	49,193	5.8%	848,506	0.6%
	2038	422,925	1.0%	27,519	0.2%	15,369	0.8%	341,100	0.4%	5,050	0.4%	67.5	0.0%	38,781	0.0%	2,064	-1.0%	804,871	0.7%	49,537	5.8%	854,408	0.7%
	2039	426,796	0.9%	27,561	0.2%	15,486	0.8%	342,398	0.4%	5,069	0.4%	67.6	0.0%	38,781	0.0%	2,043	-1.0%	810,019	0.6%	49,855	5.8%	859,874	0.6%
	2040	430,489	0.9%	27,602	0.1%	15,596	0.7%	343,639	0.4%	5,087	0.4%	67.6	0.0%	38,781	0.0%	2,023	-1.0%	814,932	0.6%	50,730	5.9%	865,662	0.7%
2041	434,018	0.8%	27,642	0.1%	15,702	0.7%	344,835	0.3%	5,105	0.4%	67.6	0.0%	38,781	0.0%	2,003	-1.0%	819,637	0.6%	50,448	5.8%	870,085	0.5%	
2042	437,647	0.8%	27,682	0.1%	15,810	0.7%	346,055	0.4%	5,123	0.4%	67.6	0.0%	38,781	0.0%	1,983	-1.0%	824,467	0.6%	50,748	5.8%	875,215	0.6%	
CAGR	2013-2022		1.9%		0.8%		1.1%		0.1%		1.0%		-0.9%		-4.0%		-6.2%		0.7%		5.8%		0.7%
	2023-2032		0.3%		0.2%		0.1%		0.7%		0.4%		0.2%		0.2%		-1.0%		0.5%		5.8%		0.4%
	2033-2042		0.9%		0.2%		0.7%		0.4%		0.4%		0.0%		0.0%		-1.0%		0.6%		5.8%		0.6%

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

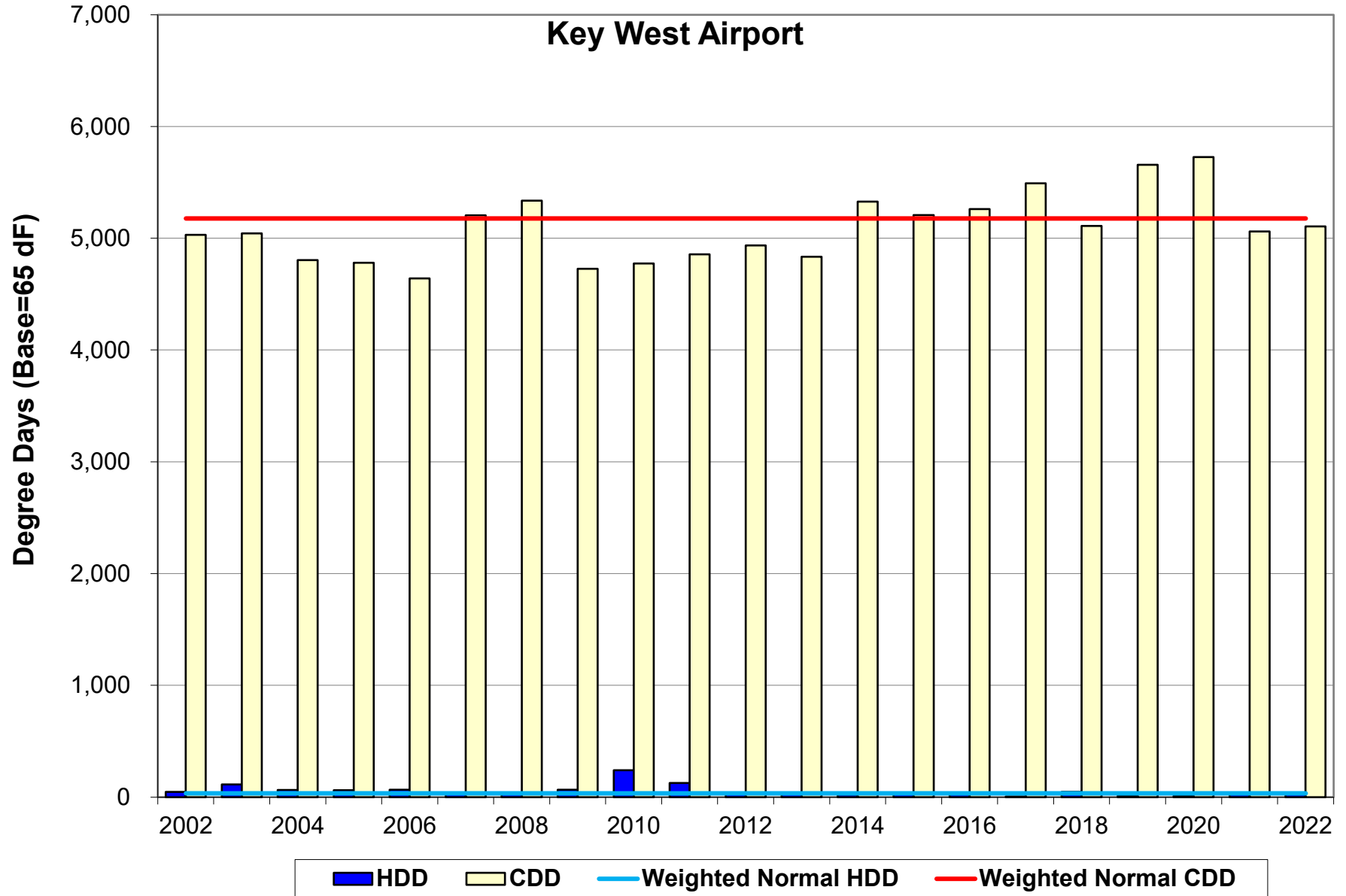
FMPA 2023 Load Forecast

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
2002	78.8	-	35.6	-	53.7	-	0.48	-	3,649	-	4,013	-	112,620	-
2003	78.5	-0.3%	35.9	0.8%	54.0	0.6%	0.43	-11.8%	3,769	3.3%	4,104	2.3%	114,228	1.4%
2004	77.6	-1.1%	35.3	-1.7%	53.8	-0.4%	0.43	0.2%	3,925	4.1%	4,450	8.4%	125,965	10.3%
2005	75.8	-2.3%	34.6	-2.1%	53.9	0.1%	0.41	-5.2%	4,069	3.7%	4,859	9.2%	140,554	11.6%
2006	73.8	-2.7%	33.6	-2.8%	54.6	1.4%	0.45	11.9%	4,050	-0.5%	5,281	8.7%	157,198	11.8%
2007	72.9	-1.2%	33.4	-0.6%	55.0	0.6%	0.45	0.0%	4,146	2.4%	5,423	2.7%	162,455	3.3%
2008	72.7	-0.2%	33.2	-0.6%	54.8	-0.3%	0.42	-8.4%	4,164	0.4%	5,173	-4.6%	155,946	-4.0%
2009	72.6	-0.1%	32.9	-0.9%	52.7	-3.9%	0.40	-3.9%	3,964	-4.8%	4,514	-12.8%	137,225	-12.0%
2010	73.2	0.8%	32.7	-0.6%	53.7	1.9%	0.37	-7.5%	4,018	1.4%	4,728	4.8%	144,681	5.4%
2011	74.9	2.3%	33.2	1.7%	54.5	1.6%	0.37	-0.5%	3,967	-1.3%	4,743	0.3%	142,729	-1.3%
2012	76.4	2.0%	33.6	1.2%	56.2	3.1%	0.39	5.7%	4,091	3.1%	5,275	11.2%	156,902	9.9%
2013	78.6	2.8%	33.9	1.0%	58.0	3.1%	0.43	11.3%	3,957	-3.3%	4,922	-6.7%	145,013	-7.6%
2014	79.9	1.7%	34.3	0.9%	60.2	3.9%	0.60	39.1%	4,096	3.5%	5,338	8.5%	155,822	7.5%
2015	81.2	1.6%	34.8	1.6%	62.3	3.5%	0.61	1.8%	4,294	4.8%	5,459	2.3%	156,845	0.7%
2016	82.3	1.4%	35.4	1.7%	62.4	0.1%	0.64	4.2%	4,508	5.0%	5,911	8.3%	166,939	6.4%
2017	82.8	0.6%	36.0	1.7%	62.7	0.5%	0.59	-7.8%	4,645	3.0%	6,309	6.7%	175,124	4.9%
2018	81.5	-1.6%	37.2	3.2%	63.5	1.3%	0.58	-1.7%	4,659	0.3%	6,758	7.1%	181,702	3.8%
2019	81.9	0.5%	37.8	1.6%	64.7	1.9%	0.57	-1.7%	4,981	6.9%	7,016	3.8%	185,657	2.2%
2020	82.8	1.1%	38.0	0.4%	59.7	-7.8%	0.54	-4.4%	4,730	-5.0%	7,082	0.9%	186,549	0.5%
2021	83.0	0.2%	38.3	0.9%	64.5	8.0%	0.57	4.9%	5,220	10.4%	7,360	3.9%	192,236	3.0%
2022	83.0	0.1%	38.5	0.6%	66.5	3.1%	0.58	1.6%	5,460	4.6%	7,582	3.0%	196,943	2.4%
2023	83.1	0.1%	38.7	0.5%	68.5	3.0%	0.59	1.5%	5,700	4.4%	7,805	2.9%	201,782	2.5%
2024	83.2	0.1%	38.8	0.4%	69.4	1.4%	0.59	0.8%	5,845	2.5%	7,957	2.0%	204,933	1.6%
2025	83.3	0.1%	39.0	0.3%	70.3	1.3%	0.60	0.6%	5,990	2.5%	8,110	1.9%	208,197	1.6%
2026	83.3	0.1%	39.0	0.2%	71.2	1.2%	0.60	0.6%	6,135	2.4%	8,262	1.9%	211,579	1.6%
2027	83.4	0.1%	39.1	0.2%	72.0	1.1%	0.60	0.7%	6,281	2.4%	8,414	1.8%	215,052	1.6%
2028	83.4	0.1%	39.2	0.2%	72.7	1.1%	0.61	0.4%	6,429	2.4%	8,567	1.8%	218,617	1.7%
2029	83.5	0.1%	39.2	0.1%	73.4	1.0%	0.61	0.4%	6,578	2.3%	8,721	1.8%	222,293	1.7%
2030	83.5	0.1%	39.3	0.1%	74.2	1.0%	0.61	0.5%	6,729	2.3%	8,875	1.8%	226,061	1.7%
2031	83.5	0.0%	39.3	0.0%	74.8	0.9%	0.61	0.2%	6,879	2.2%	9,028	1.7%	229,915	1.7%
2032	83.6	0.0%	39.3	0.0%	75.4	0.8%	0.61	0.1%	7,031	2.2%	9,182	1.7%	233,854	1.7%
2033	83.6	0.0%	39.3	0.0%	76.0	0.8%	0.61	0.2%	7,184	2.2%	9,336	1.7%	237,868	1.7%
2034	83.6	0.0%	39.2	0.0%	76.6	0.8%	0.61	0.1%	7,339	2.2%	9,492	1.7%	241,940	1.7%
2035	83.6	0.0%	39.2	-0.1%	77.2	0.8%	0.62	0.2%	7,496	2.1%	9,648	1.6%	246,075	1.7%
2036	83.6	0.0%	39.2	-0.1%	77.9	0.8%	0.62	0.2%	7,652	2.1%	9,804	1.6%	250,251	1.7%
2037	83.6	0.0%	39.1	-0.1%	78.5	0.8%	0.62	0.1%	7,811	2.1%	9,962	1.6%	254,468	1.7%
2038	83.7	0.0%	39.1	-0.1%	79.1	0.8%	0.62	0.0%	7,971	2.0%	10,120	1.6%	258,727	1.7%
2039	83.7	0.0%	39.1	-0.1%	79.7	0.8%	0.62	0.1%	8,132	2.0%	10,278	1.6%	263,041	1.7%
2040	83.7	0.0%	39.0	-0.1%	80.2	0.7%	0.62	0.1%	8,295	2.0%	10,438	1.6%	267,376	1.6%
2041	83.7	0.0%	39.0	-0.1%	80.7	0.6%	0.62	0.1%	8,459	2.0%	10,597	1.5%	271,694	1.6%
2042	83.7	0.0%	39.0	-0.1%	81.2	0.6%	0.62	0.1%	8,624	2.0%	10,756	1.5%	275,963	1.6%
Average Percent Change														
2012-2022		0.8%	1.4%		1.7%		4.1%		2.9%		3.7%		2.3%	
2023-2032		0.1%	0.2%		1.1%		0.5%		2.4%		1.8%		1.7%	
2033-2042		0.0%	-0.1%		0.7%		0.1%		2.1%		1.6%		1.7%	



KUA

FMPA 2023 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	2013	1,393,491	-	1,426,924	-	2.4%	242.8	-	215.5	-	-11.2%	306.8	-	325.0		5.9%
	2014	1,442,316	3.5%	1,444,954	1.3%	0.2%	241.4	-0.6%	270.2	25.4%	11.9%	326.9	6.5%	317.7	-2.2%	-2.8%
	2015	1,508,124	4.6%	1,482,788	2.6%	-1.7%	264.5	9.6%	221.5	-18.0%	-16.2%	330.5	1.1%	335.4	5.5%	1.5%
	2016	1,585,494	5.1%	1,553,641	4.8%	-2.0%	275.8	4.3%	247.9	11.9%	-10.1%	353.7	7.0%	347.6	3.6%	-1.7%
	2017	1,580,568	-0.3%	1,617,616	4.1%	2.3%	266.8	-3.2%	259.4	4.6%	-2.8%	345.7	-2.3%	364.2	4.8%	5.4%
	2018	1,629,958	3.1%	1,647,475	1.8%	1.1%	292.2	9.5%	262.4	1.2%	-10.2%	349.9	1.2%	375.2	3.0%	7.2%
	2019	1,681,579	3.2%	1,656,082	0.5%	-1.5%	290.9	-0.4%	291.8	11.2%	0.3%	372.5	6.5%	371.1	-1.1%	-0.4%
	2020	1,682,173	0.0%	1,638,055	-1.1%	-2.6%	301.5	3.6%	276.2	-5.4%	-8.4%	360.5	-3.2%	364.1	-1.9%	1.0%
	2021	1,731,800	3.0%	1,692,747	3.3%	-2.3%	273.0	-9.4%	257.5	-6.7%	-5.7%	377.9	4.8%	367.7	1.0%	-2.7%
	2022	1,779,491	2.8%	1,711,645	1.1%	-3.8%	293.6	7.5%	300.6	16.7%	2.4%	372.8	-1.4%	400.6	8.9%	7.5%
Projected	2023	1,788,373	0.5%	1,788,373	4.5%		281.4	-4.2%	281.4	-6.4%		387.8	4.0%	387.8	-3.2%	
	2024			1,808,554	1.1%				284.2	1.0%				391.4	0.9%	
	2025			1,823,716	0.8%				289.3	1.8%				395.3	1.0%	
	2026			1,840,320	0.9%				293.2	1.3%				399.1	1.0%	
	2027			1,860,824	1.1%				297.4	1.4%				404.1	1.3%	
	2028			1,891,171	1.6%				302.1	1.6%				410.1	1.5%	
	2029			1,916,116	1.3%				308.7	2.2%				416.2	1.5%	
	2030			1,945,547	1.5%				314.5	1.9%				422.9	1.6%	
	2031			1,977,127	1.6%				320.9	2.0%				429.7	1.6%	
	2032			2,010,996	1.7%				326.1	1.6%				436.1	1.5%	
	2033			2,037,589	1.3%				332.9	2.1%				442.7	1.5%	
	2034			2,074,916	1.8%				339.1	1.9%				450.9	1.8%	
	2035			2,116,581	2.0%				345.3	1.8%				460.1	2.1%	
	2036			2,163,970	2.2%				350.8	1.6%				469.5	2.0%	
	2037			2,203,366	1.8%				357.8	2.0%				479.0	2.0%	
	2038			2,249,208	2.1%				364.1	1.8%				489.4	2.2%	
	2039			2,296,623	2.1%				370.9	1.9%				499.9	2.2%	
	2040			2,348,023	2.2%				376.9	1.6%				510.2	2.1%	
	2041			2,390,659	1.8%				384.7	2.1%				520.6	2.0%	
	2042			2,438,821	2.0%				391.7	1.8%				531.2	2.0%	
CAGR ^[3]	2013-2022		2.8%		2.0%			2.1%		3.8%			2.2%		2.3%	
	2023-2032				1.3%					1.7%					1.3%	
	2033-2042				2.0%					1.8%					2.0%	

[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 2023 Load Forecast - Base Case
Kissimmee Utility Auth.
2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	1,393,491	-	1,393,491	-	242.8	314.1	281.7	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	275.6	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	282.4	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	293.1	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	298.5	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	321.8	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	335.0	374.5	290.9	372.5	290.9	372.5
	2020	1,682,173	0.0%	1,682,173	0.0%	306.6	370.8	324.6	370.8	301.5	360.5	301.5	360.5
	2021	1,731,800	3.0%	1,731,800	3.0%	312.7	377.9	335.1	377.9	273.0	377.9	273.0	377.9
	2022	1,779,491	2.8%	1,712,572	-1.1%	310.4	387.9	327.7	384.5	293.6	372.8	284.3	380.5
Projected	2023	1,788,373	0.5%	1,745,644	1.9%	321.3	391.6	337.9	390.7	281.4	387.8	291.8	386.7
	2024	1,808,554	1.1%	1,781,156	2.0%	324.7	395.2	344.8	398.3	284.2	391.4	296.7	394.2
	2025	1,823,716	0.8%	1,815,116	1.9%	330.7	399.2	351.9	406.7	289.3	395.3	304.2	402.5
	2026	1,840,320	0.9%	1,851,501	2.0%	335.3	403.0	359.6	414.8	293.2	399.1	310.9	410.6
	2027	1,860,824	1.1%	1,884,326	1.8%	340.5	408.1	366.7	422.2	297.4	404.1	317.3	417.8
	2028	1,891,171	1.6%	1,918,495	1.8%	346.4	414.2	373.7	429.1	302.1	410.1	322.6	424.6
	2029	1,916,116	1.3%	1,943,280	1.3%	354.5	420.4	380.2	435.2	308.7	416.2	329.7	430.7
	2030	1,945,547	1.5%	1,969,950	1.4%	361.9	427.2	386.2	441.4	314.5	422.9	335.6	436.7
	2031	1,977,127	1.6%	1,997,452	1.4%	370.1	434.0	392.4	447.4	320.9	429.7	341.9	442.7
	2032	2,010,996	1.7%	2,026,131	1.4%	377.1	440.5	398.6	452.9	326.1	436.1	346.8	448.1
	2033	2,037,589	1.3%	2,046,891	1.0%	386.0	447.3	404.3	458.4	332.9	442.7	353.6	453.5
	2034	2,074,916	1.8%	2,071,507	1.2%	394.4	455.5	410.1	463.8	339.1	450.9	359.7	458.8
	2035	2,116,581	2.0%	2,095,964	1.2%	403.1	464.9	415.8	469.3	345.3	460.1	365.7	464.2
	2036	2,163,970	2.2%	2,123,243	1.3%	411.1	474.3	421.7	474.4	350.8	469.5	370.7	469.2
	2037	2,203,366	1.8%	2,141,038	0.8%	421.2	484.0	427.2	479.0	357.8	479.0	377.8	473.8
	2038	2,249,208	2.1%	2,162,840	1.0%	430.5	494.4	432.5	484.1	364.1	489.4	383.8	478.8
	2039	2,296,623	2.1%	2,186,613	1.1%	440.3	505.1	438.2	489.4	370.9	499.9	390.4	484.0
	2040	2,348,023	2.2%	2,213,580	1.2%	449.0	515.5	444.2	494.4	376.9	510.2	395.9	488.9
	2041	2,390,659	1.8%	2,239,136	1.2%	459.9	526.0	450.5	500.1	384.7	520.6	407.0	494.5
	2042	2,438,821	2.0%			469.9	536.7			391.7	531.2		
CAGR ^[1]	Historical		2.8%		2.8%	2.8%	2.4%	2.2%	2.3%	2.5%	1.7%	1.8%	2.1%
	1st 10 Prj Yrs		1.3%		1.7%	1.8%	1.3%	2.0%	1.7%	1.7%	1.3%	2.1%	1.7%
	2nd 10 Prj Yrs		2.0%		1.1%	2.2%	2.0%	1.4%	1.1%	1.8%	2.0%	1.8%	1.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	154,385	123,799	117,759	1,695,231	1,682,173
	2021	115,941	112,547	127,466	130,080	158,463	164,550	176,886	185,281	164,643	152,728	112,489	124,996	1,726,070	1,731,800
	2022	126,414	112,394	129,566	135,280	165,955	174,828	191,830	189,222	163,788	150,843	120,549	125,748	1,786,418	1,779,491
Projected	2023	129,581	116,057	128,280	134,956	158,655	172,827	190,523	188,669	171,684	153,368	121,818	126,811	1,793,230	1,788,373
	2024	130,931	120,427	129,188	135,897	159,850	174,095	192,219	190,519	173,429	155,048	122,930	128,340	1,812,875	1,808,554
	2025	132,580	118,742	130,234	137,086	161,508	175,855	194,170	192,281	174,941	156,467	123,812	129,664	1,827,340	1,823,716
	2026	134,039	120,030	131,170	138,122	162,923	177,392	196,025	194,105	176,571	157,974	124,781	131,127	1,844,260	1,840,320
	2027	135,679	121,519	132,363	139,470	164,748	179,395	198,436	196,537	178,796	160,127	126,334	133,273	1,866,675	1,860,824
	2028	137,959	126,831	134,118	141,359	167,142	181,924	201,352	199,404	181,348	162,522	128,028	135,548	1,897,536	1,891,171
	2029	140,368	125,676	135,959	143,324	169,622	184,515	204,324	202,310	183,919	164,911	129,706	137,844	1,922,478	1,916,116
	2030	142,820	127,864	137,861	145,374	172,236	187,259	207,500	205,448	186,723	167,591	131,637	140,443	1,952,758	1,945,547
	2031	145,553	130,273	139,973	147,605	175,024	190,131	210,762	208,622	189,512	170,259	133,540	142,996	1,984,251	1,977,127
	2032	148,219	136,177	142,007	149,738	177,682	192,837	213,800	211,597	192,113	172,770	135,320	145,436	2,017,727	2,010,996
Projected	2033	150,801	134,898	144,017	151,867	180,369	195,589	216,981	214,690	194,850	175,918	137,727	148,346	2,046,053	2,037,589
	2034	153,831	137,573	146,683	154,620	183,699	199,041	220,826	218,451	198,200	179,403	140,452	151,457	2,084,236	2,074,916
	2035	157,067	140,442	149,720	157,741	187,432	202,951	225,163	222,715	202,038	183,151	143,415	154,807	2,126,642	2,116,581
	2036	160,519	147,420	152,957	161,026	191,310	206,962	229,554	226,995	205,854	186,823	146,322	158,088	2,173,831	2,163,970
	2037	163,905	146,465	156,194	164,313	195,201	210,988	233,979	231,336	209,750	190,544	149,289	161,463	2,213,429	2,203,366
	2038	167,415	149,584	159,597	167,789	199,346	215,313	238,770	236,068	214,030	194,454	152,397	165,005	2,259,768	2,249,208
	2039	171,096	152,842	163,099	171,365	203,606	219,766	243,696	240,909	218,388	198,443	155,535	168,568	2,307,313	2,296,623
	2040	174,789	160,510	166,561	174,894	207,801	224,142	248,523	245,633	222,624	202,420	158,657	172,103	2,358,657	2,348,023
	2041	178,460	159,343	170,027	178,429	212,010	228,537	253,379	250,394	226,899	206,464	161,845	175,701	2,401,489	2,390,659
	2042	182,250	162,684	173,610	182,072	216,330	233,037	258,335	255,244	231,247	210,639	165,154	179,373	2,449,977	2,438,821

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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	6.8%	6.5%	7.8%	7.4%	8.4%	9.5%	10.1%	10.6%	9.5%	9.1%	7.3%	6.9%	100.0%
	2021	6.7%	6.5%	7.4%	7.5%	9.2%	9.5%	10.2%	10.7%	9.5%	8.8%	6.5%	7.2%	100.0%
	2022	7.1%	6.3%	7.3%	7.6%	9.3%	9.8%	10.7%	10.6%	9.2%	8.4%	6.7%	7.0%	100.0%
Projected	2023	7.2%	6.5%	7.2%	7.5%	8.8%	9.6%	10.6%	10.5%	9.6%	8.6%	6.8%	7.1%	100.0%
	2024	7.2%	6.6%	7.1%	7.5%	8.8%	9.6%	10.6%	10.5%	9.6%	8.6%	6.8%	7.1%	100.0%
	2025	7.3%	6.5%	7.1%	7.5%	8.8%	9.6%	10.6%	10.5%	9.6%	8.6%	6.8%	7.1%	100.0%
	2026	7.3%	6.5%	7.1%	7.5%	8.8%	9.6%	10.6%	10.5%	9.6%	8.6%	6.8%	7.1%	100.0%
	2027	7.3%	6.5%	7.1%	7.5%	8.8%	9.6%	10.6%	10.5%	9.6%	8.6%	6.8%	7.1%	100.0%
	2028	7.3%	6.7%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.6%	8.6%	6.7%	7.1%	100.0%
	2029	7.3%	6.5%	7.1%	7.5%	8.8%	9.6%	10.6%	10.5%	9.6%	8.6%	6.7%	7.2%	100.0%
	2030	7.3%	6.5%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.6%	8.6%	6.7%	7.2%	100.0%
	2031	7.3%	6.6%	7.1%	7.4%	8.8%	9.6%	10.6%	10.5%	9.6%	8.6%	6.7%	7.2%	100.0%
	2032	7.3%	6.7%	7.0%	7.4%	8.8%	9.6%	10.6%	10.5%	9.5%	8.6%	6.7%	7.2%	100.0%
Avg	2013-2022	7.0%	6.4%	7.2%	7.7%	8.9%	9.6%	10.4%	10.5%	9.5%	8.7%	7.0%	7.1%	100.0%
	2023-2032	7.3%	6.6%	7.1%	7.5%	8.8%	9.6%	10.6%	10.5%	9.6%	8.6%	6.8%	7.1%	100.0%

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FMPA 2023 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	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	335.1	276.3	240.6	306.6	370.8
	2021	222.4	273.0	312.7	320.8	356.3	362.3	362.9	377.9	354.8	351.4	257.7	271.6	312.7	377.9
	2022	310.4	263.1	284.1	319.6	353.8	384.9	387.9	379.7	380.2	337.9	266.1	252.4	310.4	387.9
Projected	2023	293.0	277.0	321.3	327.5	365.0	378.6	383.8	391.6	373.5	348.2	268.9	255.0	321.3	391.6
	2024	296.0	279.8	324.7	331.4	369.4	382.0	387.4	395.2	376.9	352.4	273.9	259.5	324.7	395.2
	2025	301.3	284.8	330.7	335.4	374.0	385.7	391.2	399.2	380.5	356.9	277.8	263.0	330.7	399.2
	2026	305.3	288.6	335.3	339.4	378.6	389.4	394.9	403.0	384.1	361.3	282.1	266.8	335.3	403.0
	2027	309.7	292.7	340.5	344.6	384.4	394.3	399.8	408.1	388.8	366.9	287.1	271.1	340.5	408.1
	2028	314.6	297.4	346.4	350.6	391.1	400.1	405.8	414.2	394.6	373.5	294.0	277.0	346.4	414.2
	2029	321.4	303.9	354.5	356.8	398.1	406.1	411.9	420.4	400.4	380.3	300.4	282.3	354.5	420.4
	2030	327.5	309.6	361.9	363.6	405.7	412.5	418.4	427.2	406.8	387.6	307.3	288.0	361.9	427.2
	2031	334.1	315.9	370.1	370.5	413.4	419.1	425.1	434.0	413.3	395.2	313.4	292.8	370.1	434.0
	2032	339.6	321.1	377.1	377.1	420.8	425.4	431.5	440.5	419.4	402.4	321.0	298.9	377.1	440.5
Projected	2033	346.6	327.7	386.0	384.0	428.4	431.8	438.1	447.3	425.8	410.6	328.3	304.5	386.0	447.3
	2034	353.1	333.9	394.4	391.8	437.0	439.8	446.1	455.5	433.6	419.5	335.9	310.2	394.4	455.5
	2035	359.5	340.0	403.1	400.3	446.3	448.9	455.3	464.9	442.6	428.9	343.0	315.2	403.1	464.9
	2036	365.2	345.5	411.1	409.0	455.7	458.1	464.7	474.3	451.7	438.3	351.9	321.7	411.1	474.3
	2037	372.6	352.5	421.2	417.8	465.3	467.5	474.1	484.0	461.0	447.7	360.1	327.4	421.2	484.0
	2038	379.2	358.7	430.5	427.4	475.6	477.7	484.4	494.4	471.1	457.5	368.7	333.6	430.5	494.4
	2039	386.2	365.5	440.3	437.1	486.2	488.0	494.9	505.1	481.3	467.5	376.3	339.0	440.3	505.1
	2040	392.4	371.3	449.0	446.6	496.5	498.2	505.2	515.5	491.4	477.6	385.8	346.2	449.0	515.5
	2041	400.6	379.1	459.9	456.2	507.0	508.4	515.5	526.0	501.5	487.8	394.6	352.6	459.9	526.0
	2042	407.9	386.0	469.9	465.9	517.6	518.8	526.0	536.7	511.8	498.3	403.3	358.9	469.9	536.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	61.9%	62.2%	65.8%	63.1%	51.8%
	2021	70.1%	61.3%	54.8%	56.3%	59.8%	63.1%	65.5%	65.9%	64.4%	58.4%	60.6%	61.9%	63.0%	52.3%
	2022	54.7%	63.6%	61.3%	58.8%	63.0%	63.1%	66.5%	67.0%	59.8%	60.0%	62.9%	67.0%	65.7%	52.4%
Projected	2023	59.4%	62.4%	53.7%	57.2%	58.4%	63.4%	66.7%	64.8%	63.8%	59.2%	62.9%	66.9%	63.7%	52.1%
	2024	59.5%	61.8%	53.5%	57.0%	58.2%	63.3%	66.7%	64.8%	63.9%	59.1%	62.3%	66.5%	63.7%	52.2%
	2025	59.1%	62.0%	52.9%	56.8%	58.0%	63.3%	66.7%	64.7%	63.9%	58.9%	61.9%	66.3%	63.1%	52.2%
	2026	59.0%	61.9%	52.6%	56.5%	57.8%	63.3%	66.7%	64.7%	63.9%	58.8%	61.4%	66.1%	62.8%	52.1%
	2027	58.9%	61.8%	52.3%	56.2%	57.6%	63.2%	66.7%	64.7%	63.9%	58.7%	61.1%	66.1%	62.6%	52.1%
	2028	58.9%	61.3%	52.0%	56.0%	57.4%	63.2%	66.7%	64.7%	63.8%	58.5%	60.5%	65.8%	62.5%	52.1%
	2029	58.7%	61.5%	51.5%	55.8%	57.3%	63.1%	66.7%	64.7%	63.8%	58.3%	60.0%	65.6%	61.9%	52.0%
	2030	58.6%	61.5%	51.2%	55.5%	57.1%	63.0%	66.7%	64.6%	63.8%	58.1%	59.5%	65.5%	61.6%	52.0%
	2031	58.5%	61.4%	50.8%	55.3%	56.9%	63.0%	66.6%	64.6%	63.7%	57.9%	59.2%	65.6%	61.2%	52.0%
	2032	58.7%	60.9%	50.6%	55.2%	56.8%	63.0%	66.6%	64.6%	63.6%	57.7%	58.5%	65.4%	61.1%	52.1%
Avg-	2013-2022	63.4%	61.0%	58.8%	58.7%	59.7%	62.3%	64.8%	64.9%	62.6%	59.7%	60.4%	65.1%	65.1%	51.5%
	2023-2032	58.9%	61.6%	52.1%	56.2%	57.6%	63.2%	66.7%	64.7%	63.8%	58.5%	60.7%	66.0%	62.4%	52.1%

FMPA 2023 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	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	330.5	268.0	221.0	301.5	360.5
	2021	210.7	273.0	307.5	320.8	346.3	358.0	362.9	377.9	346.6	346.5	257.2	264.8	273.0	377.9
	2022	293.6	222.4	282.9	318.9	341.5	372.8	387.9	378.1	377.8	333.9	258.1	239.9	293.6	372.8
Projected	2023	281.4	269.1	312.3	320.1	356.2	373.9	377.6	387.8	364.2	344.1	260.9	242.3	281.4	387.8
	2024	284.2	271.8	315.6	323.8	360.4	377.3	381.1	391.4	367.5	348.2	265.7	246.6	284.2	391.4
	2025	289.3	276.7	321.4	327.8	364.9	381.0	384.8	395.3	371.0	352.6	269.5	249.9	289.3	395.3
	2026	293.2	280.4	325.9	331.7	369.3	384.6	388.4	399.1	374.4	357.0	273.7	253.5	293.2	399.1
	2027	297.4	284.4	330.9	336.6	374.9	389.3	393.3	404.1	379.0	362.5	278.5	257.6	297.4	404.1
	2028	302.1	288.9	336.6	342.5	381.5	395.1	399.1	410.1	384.5	369.1	285.2	263.2	302.1	410.1
	2029	308.7	295.2	344.5	348.6	388.3	401.0	405.0	416.2	390.2	375.7	291.4	268.2	308.7	416.2
	2030	314.5	300.8	351.7	355.1	395.6	407.3	411.4	422.9	396.3	382.9	298.2	273.7	314.5	422.9
	2031	320.9	306.9	359.7	361.8	403.1	413.8	418.0	429.7	402.6	390.4	304.0	278.2	320.9	429.7
	2032	326.1	311.9	366.5	368.3	410.3	419.9	424.2	436.1	408.5	397.6	311.4	284.0	326.1	436.1
Projected	2033	332.9	318.4	375.1	375.0	417.7	426.3	430.6	442.7	414.6	405.6	318.5	289.4	332.9	442.7
	2034	339.1	324.4	383.3	382.6	426.1	434.1	438.5	450.9	422.3	414.4	325.9	294.7	339.1	450.9
	2035	345.3	330.3	391.7	390.9	435.2	443.1	447.6	460.1	431.0	423.7	332.8	299.5	345.3	460.1
	2036	350.8	335.6	399.5	399.4	444.3	452.2	456.7	469.5	439.9	433.0	341.4	305.7	350.8	469.5
	2037	357.8	342.4	409.3	408.0	453.6	461.4	466.0	479.0	448.9	442.3	349.4	311.1	357.8	479.0
	2038	364.1	348.5	418.4	417.3	463.7	471.5	476.2	489.4	458.7	451.9	357.7	317.0	364.1	489.4
	2039	370.9	355.0	427.9	426.8	474.0	481.7	486.5	499.9	468.7	461.8	365.1	322.2	370.9	499.9
	2040	376.9	360.7	436.3	436.1	484.1	491.7	496.5	510.2	478.4	471.8	374.3	329.0	376.9	510.2
	2041	384.7	368.3	446.9	445.5	494.3	501.8	506.7	520.6	488.2	481.8	382.8	335.0	384.7	520.6
	2042	391.7	375.0	456.6	455.0	504.6	512.1	517.0	531.2	498.3	492.2	391.3	341.0	391.7	531.2

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	98.6%	97.0%	91.9%	98.3%	97.2%
	2021	94.7%	100.0%	98.3%	100.0%	97.2%	98.8%	100.0%	100.0%	97.7%	98.6%	99.8%	97.5%	87.3%	100.0%
	2022	94.6%	84.6%	99.6%	99.8%	96.5%	96.8%	100.0%	99.6%	99.4%	98.8%	97.0%	95.0%	94.6%	96.1%
Projected	2023	96.0%	97.2%	97.2%	97.7%	97.6%	98.8%	98.4%	99.0%	97.5%	98.8%	97.0%	95.0%	87.6%	99.0%
	2024	96.0%	97.2%	97.2%	97.7%	97.6%	98.8%	98.4%	99.0%	97.5%	98.8%	97.0%	95.0%	87.5%	99.0%
	2025	96.0%	97.2%	97.2%	97.7%	97.6%	98.8%	98.4%	99.0%	97.5%	98.8%	97.0%	95.0%	87.5%	99.0%
	2026	96.0%	97.2%	97.2%	97.7%	97.6%	98.8%	98.4%	99.0%	97.5%	98.8%	97.0%	95.0%	87.4%	99.0%
	2027	96.0%	97.2%	97.2%	97.7%	97.5%	98.8%	98.4%	99.0%	97.5%	98.8%	97.0%	95.0%	87.3%	99.0%
	2028	96.0%	97.2%	97.2%	97.7%	97.5%	98.7%	98.3%	99.0%	97.5%	98.8%	97.0%	95.0%	87.2%	99.0%
	2029	96.0%	97.2%	97.2%	97.7%	97.5%	98.7%	98.3%	99.0%	97.4%	98.8%	97.0%	95.0%	87.1%	99.0%
	2030	96.0%	97.2%	97.2%	97.7%	97.5%	98.7%	98.3%	99.0%	97.4%	98.8%	97.0%	95.0%	86.9%	99.0%
	2031	96.0%	97.2%	97.2%	97.7%	97.5%	98.7%	98.3%	99.0%	97.4%	98.8%	97.0%	95.0%	86.7%	99.0%
	2032	96.0%	97.2%	97.2%	97.7%	97.5%	98.7%	98.3%	99.0%	97.4%	98.8%	97.0%	95.0%	86.5%	99.0%
	2013-2022	96.0%	97.2%	97.2%	97.8%	97.6%	98.8%	98.4%	98.9%	97.6%	98.9%	96.8%	94.6%	97.2%	98.6%
	2023-2032	96.0%	97.2%	97.2%	97.7%	97.5%	98.7%	98.4%	99.0%	97.5%	98.8%	97.0%	95.0%	87.2%	99.0%

FMPA 2023 Load Forecast - Base Case - KUA

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV)
(Fiscal Year 2013-2042)

		Fiscal Year	Residential						General Service Non-Demand						General Service Demand						Lights		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	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2013	709,471		55,713		12,734		165,185		8,506		19.4		443,065		856		517		16,616		3,414		1,337,750		55,741	4.0%	1,393,491		
	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%	
	2021	977,925	2.3%	72,086	3.9%	13,566	-1.6%	197,686	7.4%	9,818	3.4%	20.1	3.8%	467,051	-0.1%	902	-1.6%	518	1.5%	20,028	2.8%	3,181	-1.4%	1,665,871	2.2%	65,929	3.8%	1,731,800	3.0%	
	2022	1,016,798	4.0%	74,568	3.4%	13,636	0.5%	216,748	9.6%	10,299	4.9%	21.0	4.5%	476,250	2.0%	877	-2.7%	543	4.8%	20,529	2.5%	3,270	2.8%	1,733,595	4.1%	45,896	2.6%	1,779,491	2.8%	
Projected	2023	1,015,089	-0.2%	76,492	2.6%	13,271	-2.7%	212,622	-1.9%	10,785	4.7%	19.7	-6.3%	485,700	2.0%	881	0.4%	551	1.5%	20,596	0.3%	3,270	0.0%	1,737,276	0.2%	60,137	3.3%	1,797,413	1.0%	
	2024	1,033,479	1.8%	78,855	3.1%	13,106	-1.2%	211,523	-0.5%	11,067	2.6%	19.1	-3.1%	491,449	1.2%	895	1.6%	549	-0.4%	20,596	0.0%	3,270	0.0%	1,760,317	1.3%	67,209	3.7%	1,827,525	1.7%	
	2025	1,061,151	2.7%	81,216	3.0%	13,066	-0.3%	210,246	-0.6%	11,227	1.4%	18.7	-2.0%	492,324	0.2%	905	1.2%	544	-1.0%	20,596	0.0%	3,270	0.0%	1,787,586	1.5%	65,058	3.5%	1,852,644	1.4%	
	2026	1,087,822	2.5%	83,556	2.9%	13,019	-0.4%	209,711	-0.3%	11,380	1.4%	18.4	-1.6%	491,784	-0.1%	914	1.0%	538	-1.1%	20,596	0.0%	3,270	0.0%	1,813,182	1.4%	65,976	3.5%	1,879,158	1.4%	
	2027	1,115,660	2.6%	85,858	2.8%	12,994	-0.2%	210,187	0.2%	11,547	1.5%	18.2	-1.2%	493,292	0.3%	922	0.9%	535	-0.6%	20,596	0.0%	3,270	0.0%	1,843,004	1.6%	67,097	3.5%	1,910,101	1.6%	
	2028	1,145,844	2.7%	88,168	2.7%	12,996	0.0%	212,160	0.9%	11,733	1.6%	18.1	-0.7%	497,810	0.9%	929	0.8%	536	0.1%	20,596	0.0%	3,270	0.0%	1,879,680	2.0%	71,792	3.7%	1,951,472	2.2%	
	2029	1,177,732	2.8%	90,486	2.6%	13,016	0.1%	214,268	1.0%	11,930	1.7%	18.0	-0.7%	502,194	0.9%	936	0.7%	536	0.1%	20,596	0.0%	3,270	0.0%	1,918,059	2.0%	69,838	3.5%	1,987,897	1.9%	
	2030	1,211,095	2.8%	92,807	2.6%	13,050	0.3%	216,465	1.0%	12,128	1.7%	17.8	-0.6%	506,985	1.0%	943	0.7%	538	0.3%	20,596	0.0%	3,270	0.0%	1,958,410	2.1%	71,322	3.5%	2,029,732	2.1%	
	2031	1,245,909	2.9%	95,104	2.5%	13,100	0.4%	218,714	1.0%	12,327	1.6%	17.7	-0.6%	512,653	1.1%	949	0.7%	540	0.5%	20,596	0.0%	3,270	0.0%	2,001,142	2.2%	72,872	3.5%	2,074,014	2.2%	
	2032	1,280,050	2.7%	97,347	2.4%	13,149	0.4%	221,017	1.1%	12,515	1.5%	17.7	-0.5%	517,910	1.0%	955	0.6%	542	0.4%	20,596	0.0%	3,270	0.0%	2,042,842	2.1%	78,004	3.7%	2,120,846	2.3%	
	2033	1,314,304	2.7%	99,599	2.3%	13,196	0.4%	223,402	1.1%	12,703	1.5%	17.6	-0.4%	522,827	0.9%	961	0.6%	544	0.3%	20,596	0.0%	3,270	0.0%	2,084,398	2.0%	75,889	3.5%	2,160,287	1.9%	
	2034	1,349,110	2.6%	101,861	2.3%	13,245	0.4%	225,906	1.1%	12,896	1.5%	17.5	-0.4%	529,299	1.2%	966	0.6%	548	0.6%	20,596	0.0%	3,270	0.0%	2,128,180	2.1%	77,489	3.5%	2,205,669	2.1%	
	2035	1,384,628	2.6%	104,139	2.2%	13,296	0.4%	228,540	1.2%	13,092	1.5%	17.5	-0.3%	536,399	1.3%	972	0.6%	552	0.8%	20,596	0.0%	3,270	0.0%	2,173,432	2.1%	79,152	3.5%	2,252,585	2.1%	
	2036	1,421,134	2.6%	106,423	2.2%	13,354	0.4%	231,328	1.2%	13,291	1.5%	17.4	-0.3%	543,690	1.4%	977	0.6%	556	0.8%	20,596	0.0%	3,270	0.0%	2,220,018	2.1%	84,798	3.7%	2,304,816	2.3%	
	2037	1,457,032	2.5%	108,697	2.1%	13,405	0.4%	234,202	1.2%	13,491	1.5%	17.4	-0.3%	550,889	1.3%	983	0.6%	561	0.8%	20,596	0.0%	3,270	0.0%	2,265,988	2.1%	82,530	3.5%	2,348,518	1.9%	
	2038	1,495,680	2.7%	110,992	2.1%	13,476	0.5%	237,190	1.3%	13,689	1.5%	17.3	-0.2%	557,937	1.3%	988	0.5%	565	0.7%	20,596	0.0%	3,270	0.0%	2,314,673	2.1%	84,343	3.5%	2,399,016	2.2%	
	2039	1,536,333	2.7%	113,309	2.1%	13,559	0.6%	240,069	1.2%	13,888	1.5%	17.3	-0.2%	564,967	1.3%	993	0.5%	569	0.7%	20,596	0.0%	3,270	0.0%	2,365,235	2.2%	86,211	3.5%	2,451,446	2.2%	
	2040	1,577,354	2.7%	115,650	2.1%	13,639	0.6%	242,917	1.2%	14,090	1.5%	17.2	-0.3%	571,874	1.2%	999	0.5%	573	0.7%	20,596	0.0%	3,270	0.0%	2,416,010	2.1%	92,370	3.7%	2,508,380	2.3%	
	2041	1,617,974	2.6%	118,017	2.0%	13,710	0.5%	245,740	1.2%	14,294	1.5%	17.2	-0.3%	578,551	1.2%	1,004	0.5%	576	0.6%	20,596	0.0%	3,270	0.0%	2,466,131	2.1%	89,902	3.5%	2,556,033	1.9%	
	2042	1,659,402	2.6%	120,371	2.0%	13,786	0.6%	248,636	1.2%	14,495	1.4%	17.2	-0.2%	585,425	1.2%	1,009	0.5%	580	0.7%	20,596	0.0%	3,270	0.0%	2,517,329	2.1%	91,786	3.5%	2,609,115	2.1%	
CAGR	2013-2022		4.1%		3.3%		0.8%		3.1%		2.1%		0.9%		0.8%		0.3%		0.5%		2.4%		-0.5%		2.9%	3.8%		2.8%		
	2023-2032		2.6%		2.7%		-0.1%		0.4%		1.7%		-1.2%		0.7%		0.9%		-0.2%		0.0%		0.0%	1.8%		3.5%		1.9%		
	2033-2042		2.6%		2.1%		0.5%		1.2%		1.5%		-0.3%		1.3%		0.5%		0.7%		0.0%		0.0%	2.1%		3.5%		2.1%		

CAGR - Compound Average Growth Rate.

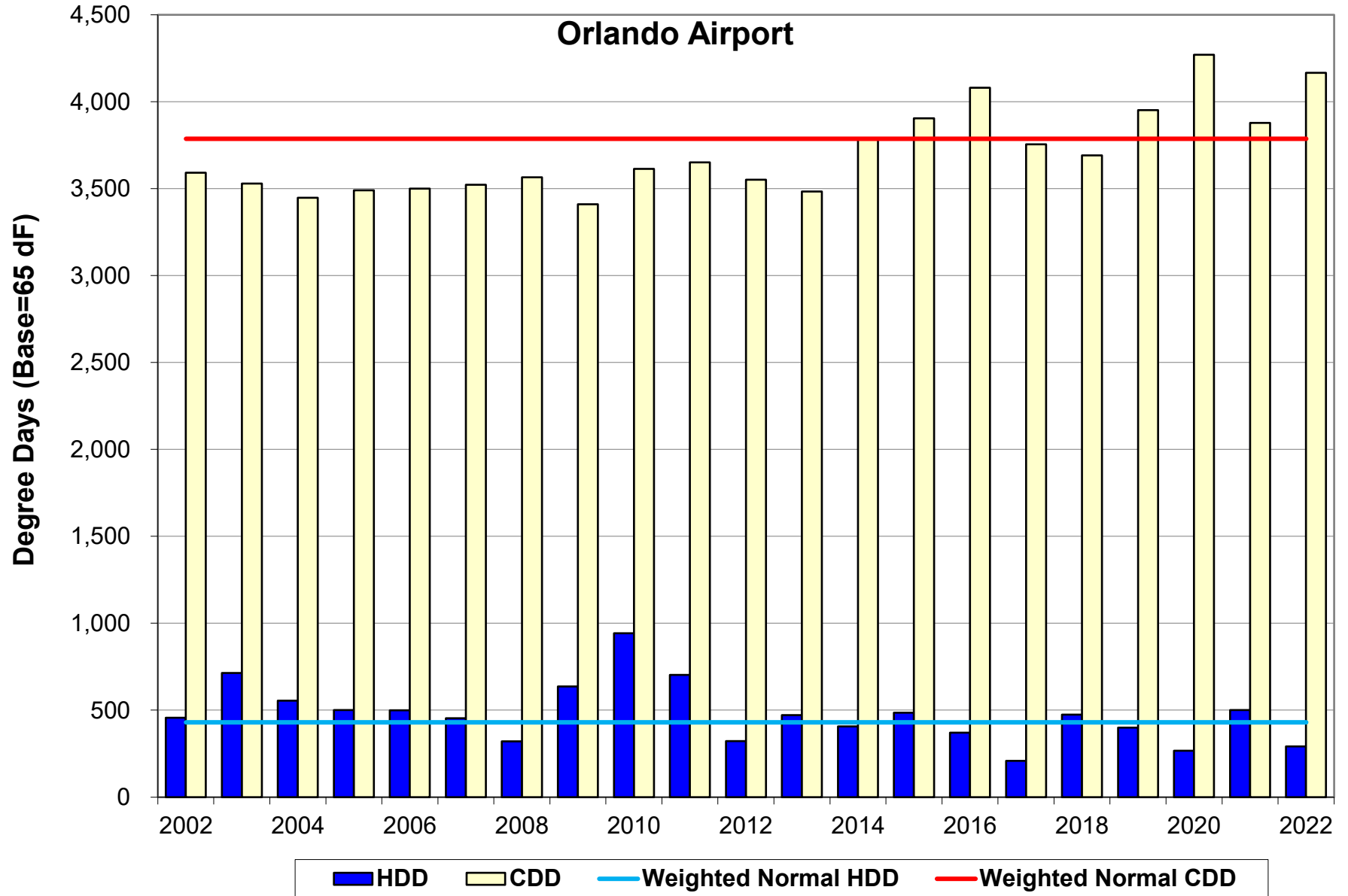
FMPA 2023 Load Forecast

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
2002	190.8	-	68.6	-	78.0	-	1.84	-	5,413	-	5,244	-	76,473	-
2003	202.7	6.2%	72.8	6.1%	82.6	6.0%	1.74	-5.7%	5,764	6.5%	5,607	6.9%	77,044	0.7%
2004	216.5	6.8%	76.6	5.3%	88.5	7.1%	1.73	-0.7%	6,270	8.8%	6,001	7.0%	78,322	1.7%
2005	228.0	5.3%	80.0	4.5%	96.7	9.2%	1.89	9.5%	6,943	10.7%	6,545	9.1%	81,777	4.4%
2006	242.1	6.2%	84.3	5.3%	100.8	4.3%	1.91	1.1%	7,069	1.8%	6,897	5.4%	81,819	0.1%
2007	253.7	4.8%	88.1	4.5%	104.2	3.3%	2.19	14.8%	7,625	7.9%	7,203	4.4%	81,786	0.0%
2008	261.7	3.2%	89.9	2.1%	103.5	-0.6%	1.86	-15.4%	7,016	-8.0%	7,127	-1.1%	79,250	-3.1%
2009	265.3	1.3%	89.9	0.0%	99.9	-3.5%	1.79	-3.7%	6,998	-0.3%	7,227	1.4%	80,362	1.4%
2010	269.8	1.7%	91.0	1.2%	101.3	1.4%	1.54	-13.8%	7,096	1.4%	7,653	5.9%	84,127	4.7%
2011	279.2	3.5%	94.6	3.9%	107.3	5.9%	1.49	-3.5%	7,219	1.7%	8,112	6.0%	85,797	2.0%
2012	290.0	3.9%	96.7	2.3%	110.4	2.9%	1.61	8.5%	7,269	0.7%	8,160	0.6%	84,346	-1.7%
2013	301.0	3.8%	99.1	2.5%	113.3	2.6%	1.75	8.3%	7,525	3.5%	8,405	3.0%	84,781	0.5%
2014	313.4	4.1%	101.1	2.0%	121.4	7.2%	1.80	3.3%	7,996	6.3%	8,879	5.6%	87,845	3.6%
2015	326.6	4.2%	103.7	2.6%	127.8	5.2%	1.77	-1.8%	8,657	8.3%	9,674	9.0%	93,318	6.2%
2016	341.5	4.6%	106.4	2.6%	135.8	6.3%	1.97	11.1%	9,128	5.4%	10,345	6.9%	97,272	4.2%
2017	357.2	4.6%	108.5	2.0%	144.3	6.3%	2.03	3.4%	9,692	6.2%	11,043	6.7%	101,808	4.7%
2018	371.8	4.1%	111.9	3.2%	154.8	7.2%	2.31	13.4%	9,952	2.7%	11,819	7.0%	105,629	3.8%
2019	379.2	2.0%	115.1	2.9%	163.2	5.4%	2.56	11.0%	10,810	8.6%	12,342	4.4%	107,229	1.5%
2020	390.9	3.1%	117.3	1.9%	151.6	-7.1%	2.51	-2.0%	10,501	-2.9%	13,583	10.1%	115,846	8.0%
2021	403.3	3.2%	122.5	4.4%	168.2	11.0%	2.56	1.9%	11,693	11.3%	13,642	0.4%	111,387	-3.8%
2022	414.3	2.7%	126.5	3.3%	176.9	5.1%	2.58	0.9%	12,317	5.3%	14,299	4.8%	113,059	1.5%
2023	425.4	2.7%	130.4	3.1%	185.5	4.9%	2.60	0.9%	12,942	5.1%	14,969	4.7%	114,757	1.5%
2024	436.7	2.7%	134.4	3.0%	191.5	3.3%	2.61	0.4%	13,542	4.6%	15,646	4.5%	116,435	1.5%
2025	448.2	2.6%	138.3	2.9%	197.9	3.3%	2.62	0.4%	14,162	4.6%	16,335	4.4%	118,113	1.4%
2026	459.5	2.5%	142.1	2.8%	204.0	3.1%	2.63	0.3%	14,794	4.5%	17,039	4.3%	119,901	1.5%
2027	470.9	2.5%	145.9	2.7%	210.3	3.1%	2.64	0.2%	15,450	4.4%	17,744	4.1%	121,598	1.4%
2028	482.5	2.5%	149.7	2.6%	216.7	3.0%	2.64	0.3%	16,131	4.4%	18,448	4.0%	123,203	1.3%
2029	494.2	2.4%	153.5	2.5%	223.3	3.0%	2.65	0.3%	16,836	4.4%	19,155	3.8%	124,751	1.3%
2030	506.1	2.4%	157.4	2.5%	230.0	3.0%	2.66	0.3%	17,568	4.3%	19,880	3.8%	126,335	1.3%
2031	517.7	2.3%	161.0	2.3%	236.5	2.9%	2.67	0.2%	18,310	4.2%	20,542	3.3%	127,577	1.0%
2032	529.5	2.3%	164.7	2.3%	243.3	2.8%	2.67	0.2%	19,080	4.2%	21,237	3.4%	128,950	1.1%
2033	541.4	2.2%	168.4	2.2%	250.1	2.8%	2.68	0.2%	19,878	4.2%	21,947	3.3%	130,350	1.1%
2034	553.4	2.2%	172.1	2.2%	257.1	2.8%	2.69	0.3%	20,706	4.2%	22,679	3.3%	131,809	1.1%
2035	565.6	2.2%	175.8	2.2%	264.3	2.8%	2.69	0.2%	21,564	4.1%	23,434	3.3%	133,316	1.1%
2036	577.7	2.1%	179.5	2.1%	271.4	2.7%	2.70	0.2%	22,445	4.1%	24,198	3.3%	134,846	1.1%
2037	589.9	2.1%	183.2	2.1%	278.8	2.7%	2.70	0.3%	23,358	4.1%	24,959	3.1%	136,275	1.1%
2038	602.3	2.1%	186.9	2.0%	286.2	2.7%	2.71	0.2%	24,304	4.1%	25,747	3.2%	137,770	1.1%
2039	614.9	2.1%	190.6	2.0%	293.9	2.7%	2.72	0.2%	25,284	4.0%	26,547	3.1%	139,252	1.1%
2040	627.6	2.1%	194.4	2.0%	301.6	2.6%	2.72	0.3%	26,299	4.0%	27,385	3.2%	140,838	1.1%
2041	640.3	2.0%	198.3	2.0%	309.5	2.6%	2.73	0.2%	27,342	4.0%	28,181	2.9%	142,134	0.9%
2042	653.2	2.0%	202.2	2.0%	317.5	2.6%	2.73	0.2%	28,423	4.0%	29,011	2.9%	143,483	0.9%
Average Percent Change														
2012-2022	3.6%		2.7%		4.8%		4.8%		5.4%		5.8%		3.0%	
2023-2032	2.5%		2.6%		3.1%		0.3%		4.4%		4.0%		1.3%	
2033-2042	2.1%		2.1%		2.7%		0.2%		4.1%		3.2%		1.1%	



Leesburg

FMPA 2023 Load Forecast - Base Case

Leesburg

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	2013	468,646	-	478,985	-	2.2%	80.8	-	84.5	-	4.5%	90.5	-	94.3	-	4.3%
	2014	465,764	-0.6%	466,518	-2.6%	0.2%	89.4	10.5%	97.2	15.1%	8.8%	95.8	5.9%	93.7	-0.7%	-2.2%
	2015	478,866	2.8%	471,570	1.1%	-1.5%	100.1	12.0%	103.2	6.2%	3.1%	105.6	10.2%	100.1	6.9%	-5.2%
	2016	492,572	2.9%	483,326	2.5%	-1.9%	84.7	-15.4%	91.5	-11.3%	8.1%	110.9	5.0%	105.7	5.6%	-4.7%
	2017	484,786	-1.6%	497,086	2.8%	2.5%	78.8	-6.9%	76.1	-16.9%	-3.5%	108.4	-2.3%	109.8	3.8%	1.3%
	2018	502,040	3.6%	505,983	1.8%	0.8%	115.3	46.3%	110.3	45.0%	-4.3%	109.0	0.6%	114.4	4.2%	5.0%
	2019	509,775	1.5%	502,632	-0.7%	-1.4%	85.8	-25.6%	103.5	-6.2%	20.6%	115.8	6.3%	110.9	-3.1%	-4.3%
	2020	505,451	-0.8%	493,848	-1.7%	-2.3%	92.2	7.4%	104.3	0.8%	13.2%	112.0	-3.3%	109.4	-1.3%	-2.3%
	2021	514,014	1.7%	502,640	1.8%	-2.2%	98.7	7.1%	105.2	0.8%	6.6%	112.3	0.2%	110.8	1.3%	-1.3%
	2022	527,465	2.6%	516,496	2.8%	-2.1%	110.9	12.3%	112.4	6.8%	1.4%	119.9	6.8%	123.1	11.0%	2.6%
Projected	2023	530,468	0.6%	530,468	2.7%		103.7	-6.4%	103.7	-7.7%		115.8	-3.4%	115.8	-5.9%	
	2024			535,072	0.9%				104.6	0.8%				116.4	0.5%	
	2025			536,029	0.2%				105.2	0.6%				116.8	0.4%	
	2026			537,516	0.3%				105.7	0.4%				117.1	0.2%	
	2027			539,294	0.3%				106.0	0.3%				117.6	0.5%	
	2028			544,013	0.9%				106.8	0.7%				118.4	0.7%	
	2029			546,324	0.4%				107.7	0.9%				119.1	0.6%	
	2030			549,872	0.6%				108.5	0.7%				119.9	0.7%	
	2031			553,631	0.7%				109.5	0.9%				120.6	0.6%	
	2032			557,614	0.7%				110.2	0.7%				121.1	0.4%	
	2033			558,468	0.2%				110.8	0.6%				121.6	0.4%	
	2034			561,563	0.6%				111.6	0.7%				122.2	0.5%	
	2035			564,628	0.5%				112.0	0.4%				122.9	0.6%	
	2036			570,022	1.0%				112.6	0.5%				123.8	0.7%	
	2037			572,441	0.4%				113.3	0.6%				124.6	0.6%	
	2038			575,800	0.6%				113.7	0.4%				125.4	0.6%	
	2039			578,709	0.5%				114.2	0.5%				126.0	0.5%	
	2040			582,257	0.6%				114.7	0.4%				126.4	0.3%	
	2041			582,590	0.1%				115.1	0.4%				126.8	0.3%	
	2042			584,642	0.4%				115.5	0.4%				127.3	0.4%	
CAGR ^[3]	2013-2022		1.3%		0.8%			3.6%		3.2%			3.2%		3.0%	
	2023-2032				0.6%					0.7%					0.5%	
	2033-2042				0.5%					0.5%					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 2023 Load Forecast - Base Case
Leesburg
2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	468,646	-	468,646	-	84.5	99.0	87.0	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	87.9	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	103.2	115.8	85.8	115.8	85.8	115.8
	2020	505,451	-0.8%	505,451	-0.8%	97.7	114.9	98.0	114.9	92.2	112.0	92.2	112.0
	2021	514,014	1.7%	514,014	1.7%	98.7	114.5	100.4	114.5	98.7	112.3	98.7	112.3
	2022	527,465	2.6%	519,473	1.1%	110.9	120.8	103.6	115.6	110.9	119.9	103.2	113.3
Projected	2023	530,468	0.6%	526,643	1.4%	104.1	118.0	105.2	116.9	103.7	115.8	104.8	114.6
	2024	535,072	0.9%	534,017	1.4%	105.0	118.5	106.5	118.3	104.6	116.4	106.1	116.0
	2025	536,029	0.2%	537,931	0.7%	105.6	119.0	107.8	119.3	105.2	116.8	107.4	117.0
	2026	537,516	0.3%	541,595	0.7%	106.1	119.3	108.6	120.1	105.7	117.1	108.2	117.7
	2027	539,294	0.3%	545,419	0.7%	106.4	119.8	109.5	121.0	106.0	117.6	109.1	118.6
	2028	544,013	0.9%	550,873	1.0%	107.2	120.6	110.4	121.9	106.8	118.4	110.0	119.5
	2029	546,324	0.4%	553,096	0.4%	108.1	121.3	111.4	122.6	107.7	119.1	110.9	120.2
	2030	549,872	0.6%	556,458	0.6%	108.9	122.2	112.1	123.4	108.5	119.9	111.7	121.0
	2031	553,631	0.7%	560,300	0.7%	109.9	122.9	113.1	124.2	109.5	120.6	112.7	121.7
	2032	557,614	0.7%	564,770	0.8%	110.6	123.4	113.9	124.9	110.2	121.1	113.5	122.4
	2033	558,468	0.2%	566,514	0.3%	111.3	124.0	114.7	125.6	110.8	121.6	114.3	123.1
	2034	561,563	0.6%	569,583	0.5%	112.0	124.5	115.6	126.2	111.6	122.2	115.1	123.6
	2035	564,628	0.5%	571,927	0.4%	112.5	125.3	116.2	126.7	112.0	122.9	115.7	124.2
	2036	570,022	1.0%	576,098	0.7%	113.1	126.2	116.9	127.3	112.6	123.8	116.4	124.8
	2037	572,441	0.4%	577,178	0.2%	113.7	127.0	117.7	127.8	113.3	124.6	117.3	125.3
	2038	575,800	0.6%	579,269	0.4%	114.1	127.8	118.3	128.3	113.7	125.4	117.9	125.7
	2039	578,709	0.5%	581,578	0.4%	114.7	128.4	119.1	128.8	114.2	126.0	118.6	126.2
	2040	582,257	0.6%	584,925	0.6%	115.1	128.9	119.7	129.2	114.7	126.4	119.3	126.6
	2041	582,590	0.1%	587,261	0.4%	115.5	129.3	121.7	129.8	115.1	126.8	121.3	127.1
	2042	584,642	0.4%			116.0	129.8			115.5	127.3		
CAGR ^[1]	Historical		1.3%		1.2%	3.1%	2.2%	1.8%	1.8%	2.7%	2.8%	1.4%	2.3%
	1st 10 Prj Yrs		0.6%		0.8%	0.7%	0.5%	1.0%	0.8%	0.7%	0.5%	1.0%	0.8%
	2nd 10 Prj Yrs		0.5%		0.4%	0.5%	0.5%	0.7%	0.4%	0.5%	0.5%	0.7%	0.4%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	45,484	35,470	37,997	511,278	505,451
	2021	37,592	33,163	36,716	36,651	46,213	48,534	51,549	54,723	49,922	46,062	34,300	35,320	510,744	514,014
	2022	41,006	35,464	36,699	39,124	48,187	52,660	56,273	55,220	47,152	44,538	35,915	37,807	530,045	527,465
Projected	2023	41,826	35,721	38,032	40,410	47,077	50,915	53,375	55,278	49,574	44,881	36,284	38,259	531,632	530,468
	2024	42,105	37,203	38,254	40,616	47,310	51,165	53,643	55,549	49,802	45,081	36,425	38,448	535,601	535,072
	2025	42,335	36,135	38,397	40,751	47,470	51,339	53,831	55,775	50,044	45,283	36,553	38,596	536,508	536,029
	2026	42,505	36,265	38,487	40,843	47,583	51,458	53,967	55,889	50,086	45,333	36,589	38,695	537,701	537,516
	2027	42,639	36,388	38,592	40,973	47,761	51,656	54,196	56,147	50,323	45,574	36,783	38,968	540,001	539,294
	2028	42,945	37,924	38,830	41,235	48,080	51,981	54,541	56,511	50,642	45,880	37,023	39,291	544,883	544,013
	2029	43,293	36,931	39,084	41,507	48,401	52,292	54,862	56,840	50,920	46,139	37,217	39,572	547,059	546,324
	2030	43,609	37,197	39,319	41,767	48,725	52,622	55,222	57,225	51,258	46,463	37,463	39,926	550,797	549,872
	2031	44,001	37,513	39,580	42,041	49,050	52,938	55,554	57,565	51,536	46,722	37,642	40,207	554,350	553,631
	2032	44,315	39,086	39,759	42,226	49,275	53,141	55,766	57,779	51,698	46,879	37,736	40,410	558,068	557,614
Projected	2033	44,556	37,953	39,887	42,371	49,468	53,324	55,978	58,013	51,893	47,172	37,960	40,726	559,300	558,468
	2034	44,905	38,224	40,118	42,599	49,729	53,567	56,227	58,257	52,079	47,411	38,138	40,958	562,211	561,563
	2035	45,170	38,439	40,337	42,826	50,003	53,846	56,540	58,590	52,372	47,735	38,401	41,288	565,545	564,628
	2036	45,540	40,112	40,641	43,130	50,354	54,203	56,925	58,985	52,709	48,075	38,669	41,616	570,959	570,022
	2037	45,905	39,020	40,935	43,419	50,681	54,527	57,269	59,330	52,997	48,338	38,873	41,883	573,175	572,441
	2038	46,209	39,261	41,185	43,670	50,977	54,825	57,601	59,678	53,298	48,574	39,049	42,146	576,475	575,800
	2039	46,514	39,498	41,397	43,880	51,225	55,070	57,871	59,957	53,526	48,758	39,172	42,358	579,227	578,709
	2040	46,765	41,122	41,544	44,024	51,400	55,233	58,058	60,149	53,674	48,912	39,271	42,542	582,693	582,257
	2041	46,987	39,856	41,666	44,140	51,543	55,364	58,210	60,308	53,792	49,039	39,349	42,704	582,957	582,590
	2042	47,245	40,053	41,822	44,293	51,728	55,539	58,408	60,511	53,950	49,209	39,462	42,899	585,120	584,642

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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	7.1%	6.6%	7.7%	7.4%	8.4%	9.6%	10.3%	10.3%	9.4%	8.9%	6.9%	7.4%	100.0%
	2021	7.4%	6.5%	7.2%	7.2%	9.0%	9.5%	10.1%	10.7%	9.8%	9.0%	6.7%	6.9%	100.0%
	2022	7.7%	6.7%	6.9%	7.4%	9.1%	9.9%	10.6%	10.4%	8.9%	8.4%	6.8%	7.1%	100.0%
Projected	2023	7.9%	6.7%	7.2%	7.6%	8.9%	9.6%	10.0%	10.4%	9.3%	8.4%	6.8%	7.2%	100.0%
	2024	7.9%	6.9%	7.1%	7.6%	8.8%	9.6%	10.0%	10.4%	9.3%	8.4%	6.8%	7.2%	100.0%
	2025	7.9%	6.7%	7.2%	7.6%	8.8%	9.6%	10.0%	10.4%	9.3%	8.4%	6.8%	7.2%	100.0%
	2026	7.9%	6.7%	7.2%	7.6%	8.8%	9.6%	10.0%	10.4%	9.3%	8.4%	6.8%	7.2%	100.0%
	2027	7.9%	6.7%	7.1%	7.6%	8.8%	9.6%	10.0%	10.4%	9.3%	8.4%	6.8%	7.2%	100.0%
	2028	7.9%	7.0%	7.1%	7.6%	8.8%	9.5%	10.0%	10.4%	9.3%	8.4%	6.8%	7.2%	100.0%
	2029	7.9%	6.8%	7.1%	7.6%	8.8%	9.6%	10.0%	10.4%	9.3%	8.4%	6.8%	7.2%	100.0%
	2030	7.9%	6.8%	7.1%	7.6%	8.8%	9.6%	10.0%	10.4%	9.3%	8.4%	6.8%	7.2%	100.0%
	2031	7.9%	6.8%	7.1%	7.6%	8.8%	9.5%	10.0%	10.4%	9.3%	8.4%	6.8%	7.3%	100.0%
	2032	7.9%	7.0%	7.1%	7.6%	8.8%	9.5%	10.0%	10.4%	9.3%	8.4%	6.8%	7.2%	100.0%
Avg.	2013-2022	7.8%	6.6%	7.2%	7.5%	8.9%	9.6%	10.1%	10.4%	9.4%	8.5%	6.9%	7.2%	100.0%
	2023-2032	7.9%	6.8%	7.1%	7.6%	8.8%	9.6%	10.0%	10.4%	9.3%	8.4%	6.8%	7.2%	100.0%

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FMPA 2023 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	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	100.4	76.8	89.2	97.7	114.9
	2021	86.8	98.7	89.5	91.1	109.1	108.9	113.3	114.5	108.9	105.6	71.0	65.8	98.7	114.5
	2022	110.9	87.6	83.5	93.0	105.5	120.8	117.8	117.9	113.4	104.1	81.3	77.6	110.9	120.8
Projected	2023	104.1	92.8	87.2	94.1	107.7	115.9	112.7	118.0	111.2	102.1	82.0	78.3	104.1	118.0
	2024	105.0	93.6	88.0	94.7	108.3	116.4	113.3	118.5	111.8	102.7	82.5	78.7	105.0	118.5
	2025	105.6	94.1	88.5	95.1	108.8	116.9	113.7	119.0	112.2	103.2	82.9	79.1	105.6	119.0
	2026	106.1	94.5	89.0	95.4	109.1	117.1	114.0	119.3	112.4	103.5	83.2	79.4	106.1	119.3
	2027	106.4	94.8	89.3	95.9	109.7	117.7	114.5	119.8	112.9	104.0	83.9	79.9	106.4	119.8
	2028	107.2	95.5	90.1	96.6	110.5	118.4	115.2	120.6	113.7	104.9	84.8	80.6	107.2	120.6
	2029	108.1	96.3	91.0	97.3	111.3	119.2	115.9	121.3	114.4	105.6	85.6	81.2	108.1	121.3
	2030	108.9	97.0	91.8	98.1	112.3	120.0	116.7	122.2	115.1	106.5	86.5	82.0	108.9	122.2
	2031	109.9	97.9	92.8	98.9	113.2	120.7	117.5	122.9	115.9	107.4	87.3	82.5	109.9	122.9
	2032	110.6	98.6	93.7	99.5	113.8	121.2	117.9	123.4	116.3	108.0	88.1	83.0	110.6	123.4
Projected	2033	111.3	99.2	94.4	100.1	114.5	121.7	118.4	124.0	116.8	108.8	88.9	83.6	111.3	124.0
	2034	112.0	99.9	95.3	100.8	115.2	122.3	119.0	124.5	117.3	109.6	89.6	84.0	112.0	124.5
	2035	112.5	100.3	96.0	101.5	116.0	123.0	119.7	125.3	118.1	110.4	90.4	84.5	112.5	125.3
	2036	113.1	100.8	96.8	102.3	116.9	123.9	120.6	126.2	118.9	111.4	91.3	85.0	113.1	126.2
	2037	113.7	101.4	97.8	103.1	117.8	124.7	121.3	127.0	119.7	112.2	92.0	85.3	113.7	127.0
	2038	114.1	101.8	98.5	103.9	118.6	125.5	122.1	127.8	120.5	112.9	92.8	85.8	114.1	127.8
	2039	114.7	102.3	99.3	104.6	119.4	126.1	122.7	128.4	121.1	113.6	93.5	86.1	114.7	128.4
	2040	115.1	102.7	100.0	105.2	120.0	126.6	123.2	128.9	121.5	114.1	94.1	86.5	115.1	128.9
	2041	115.5	103.1	100.7	105.7	120.5	127.0	123.6	129.3	121.9	114.7	94.8	86.8	115.5	129.3
	2042	116.0	103.5	101.3	106.2	121.1	127.4	124.0	129.8	122.3	115.3	95.4	87.1	116.0	129.8

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	60.9%	64.1%	57.3%	59.8%	50.2%
	2021	58.2%	50.0%	55.2%	55.9%	56.9%	61.9%	61.1%	64.2%	63.6%	58.6%	67.1%	72.1%	59.1%	51.2%
	2022	49.7%	60.2%	59.1%	58.4%	61.4%	60.5%	64.2%	63.0%	57.8%	57.5%	61.4%	65.5%	54.6%	49.8%
Projected	2023	54.0%	57.3%	58.6%	59.6%	58.8%	61.0%	63.6%	63.0%	61.9%	59.1%	61.5%	65.7%	58.3%	51.3%
	2024	53.9%	57.1%	58.4%	59.6%	58.7%	61.0%	63.6%	63.0%	61.9%	59.0%	61.3%	65.6%	58.2%	51.5%
	2025	53.9%	57.1%	58.3%	59.5%	58.6%	61.0%	63.6%	63.0%	61.9%	59.0%	61.2%	65.6%	58.0%	51.4%
	2026	53.9%	57.1%	58.1%	59.5%	58.6%	61.0%	63.6%	63.0%	61.9%	58.9%	61.0%	65.5%	57.9%	51.4%
	2027	53.8%	57.1%	58.1%	59.4%	58.5%	61.0%	63.6%	63.0%	61.9%	58.9%	60.9%	65.5%	57.9%	51.4%
	2028	53.9%	57.1%	57.9%	59.3%	58.5%	61.0%	63.6%	63.0%	61.9%	58.8%	60.6%	65.5%	58.0%	51.5%
	2029	53.8%	57.1%	57.7%	59.2%	58.4%	60.9%	63.6%	63.0%	61.8%	58.7%	60.4%	65.5%	57.8%	51.4%
	2030	53.8%	57.0%	57.6%	59.1%	58.3%	60.9%	63.6%	63.0%	61.8%	58.6%	60.1%	65.5%	57.7%	51.4%
	2031	53.8%	57.0%	57.3%	59.0%	58.3%	60.9%	63.6%	62.9%	61.8%	58.5%	59.9%	65.5%	57.6%	51.4%
	2032	53.8%	57.0%	57.1%	58.9%	58.2%	60.9%	63.6%	62.9%	61.7%	58.3%	59.5%	65.4%	57.6%	51.6%
Avg.	2013-2022	56.8%	58.3%	60.9%	59.0%	59.6%	61.3%	63.0%	63.5%	61.9%	59.3%	61.0%	64.0%	59.2%	51.3%
	2023-2032	53.9%	57.1%	57.9%	59.3%	58.5%	61.0%	63.6%	63.0%	61.9%	58.8%	60.7%	65.5%	57.9%	51.4%

FMPA 2023 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	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	99.4	76.5	89.2	92.2	112.0
	2021	86.8	98.7	88.8	89.9	107.8	101.9	113.3	112.3	103.5	105.6	71.0	65.7	98.7	112.3
	2022	110.9	87.6	81.2	90.2	104.0	119.9	110.1	117.9	105.6	103.4	80.0	75.2	110.9	119.9
Projected	2023	103.7	92.6	84.9	92.3	105.8	112.1	110.2	115.8	108.3	101.4	80.7	75.9	103.7	115.8
	2024	104.6	93.4	85.6	92.8	106.4	112.6	110.7	116.4	108.8	102.0	81.2	76.3	104.6	116.4
	2025	105.2	93.9	86.2	93.3	106.9	113.1	111.1	116.8	109.2	102.5	81.6	76.7	105.2	116.8
	2026	105.7	94.3	86.6	93.5	107.2	113.3	111.4	117.1	109.4	102.8	82.0	76.9	105.7	117.1
	2027	106.0	94.7	87.0	94.0	107.8	113.8	111.9	117.6	109.9	103.4	82.7	77.5	106.0	117.6
	2028	106.8	95.3	87.7	94.8	108.6	114.5	112.6	118.4	110.6	104.2	83.5	78.1	106.8	118.4
	2029	107.7	96.2	88.6	95.5	109.4	115.2	113.3	119.1	111.3	104.9	84.3	78.7	107.7	119.1
	2030	108.5	96.9	89.4	96.3	110.3	116.0	114.0	119.9	112.1	105.8	85.2	79.5	108.5	119.9
	2031	109.5	97.8	90.4	97.0	111.2	116.7	114.7	120.6	112.7	106.7	86.0	80.0	109.5	120.6
	2032	110.2	98.4	91.2	97.6	111.8	117.2	115.2	121.1	113.2	107.3	86.7	80.5	110.2	121.1
Projected	2033	110.8	99.0	91.9	98.2	112.5	117.6	115.6	121.6	113.6	108.1	87.6	81.1	110.8	121.6
	2034	111.6	99.7	92.8	98.8	113.2	118.2	116.2	122.2	114.2	108.9	88.2	81.4	111.6	122.2
	2035	112.0	100.1	93.4	99.5	114.0	118.9	116.9	122.9	114.8	109.7	89.0	81.9	112.0	122.9
	2036	112.6	100.6	94.3	100.4	114.9	119.7	117.7	123.8	115.7	110.6	89.9	82.4	112.6	123.8
	2037	113.3	101.2	95.1	101.1	115.7	120.5	118.5	124.6	116.4	111.4	90.6	82.7	113.3	124.6
	2038	113.7	101.6	95.9	101.9	116.5	121.3	119.2	125.4	117.2	112.2	91.4	83.1	113.7	125.4
	2039	114.2	102.1	96.7	102.6	117.3	121.9	119.8	126.0	117.8	112.8	92.0	83.5	114.2	126.0
	2040	114.7	102.5	97.3	103.1	117.8	122.3	120.3	126.4	118.2	113.4	92.7	83.8	114.7	126.4
	2041	115.1	102.9	98.0	103.6	118.4	122.6	120.6	126.8	118.5	113.9	93.3	84.2	115.1	126.8
	2042	115.5	103.3	98.6	104.1	119.0	123.1	121.1	127.3	119.0	114.5	94.0	84.5	115.5	127.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	99.0%	99.6%	100.0%	94.4%	97.5%
	2021	100.0%	100.0%	99.3%	98.7%	98.7%	93.6%	100.0%	98.1%	95.0%	100.0%	100.0%	99.8%	100.0%	98.1%
	2022	100.0%	100.0%	97.2%	97.0%	98.6%	99.2%	93.4%	100.0%	93.2%	99.3%	98.5%	96.9%	100.0%	99.2%
Projected	2023	99.6%	99.8%	97.3%	98.1%	98.3%	96.7%	97.7%	98.2%	97.4%	99.3%	98.5%	96.9%	99.6%	98.2%
	2024	99.6%	99.8%	97.3%	98.1%	98.3%	96.7%	97.7%	98.2%	97.4%	99.3%	98.5%	96.9%	99.6%	98.2%
	2025	99.6%	99.8%	97.3%	98.1%	98.3%	96.7%	97.7%	98.2%	97.3%	99.3%	98.5%	96.9%	99.6%	98.2%
	2026	99.6%	99.8%	97.3%	98.1%	98.3%	96.7%	97.7%	98.2%	97.3%	99.3%	98.5%	96.9%	99.6%	98.2%
	2027	99.6%	99.8%	97.3%	98.1%	98.3%	96.7%	97.7%	98.1%	97.3%	99.3%	98.5%	96.9%	99.6%	98.1%
	2028	99.6%	99.8%	97.3%	98.1%	98.3%	96.7%	97.7%	98.1%	97.3%	99.3%	98.5%	96.9%	99.6%	98.1%
	2029	99.6%	99.8%	97.3%	98.1%	98.3%	96.7%	97.7%	98.1%	97.3%	99.3%	98.5%	96.9%	99.6%	98.1%
	2030	99.6%	99.8%	97.3%	98.1%	98.3%	96.7%	97.7%	98.1%	97.3%	99.3%	98.5%	96.9%	99.6%	98.1%
	2031	99.6%	99.8%	97.3%	98.1%	98.2%	96.7%	97.7%	98.1%	97.3%	99.3%	98.5%	96.9%	99.6%	98.1%
	2032	99.6%	99.8%	97.3%	98.1%	98.2%	96.7%	97.7%	98.1%	97.3%	99.3%	98.5%	96.9%	99.6%	98.1%
	2013-2022	99.2%	99.6%	96.9%	98.4%	97.8%	95.8%	97.0%	97.3%	96.5%	98.8%	98.1%	95.7%	96.9%	97.8%
	2023-2032	99.6%	99.8%	97.3%	98.1%	98.3%	96.7%	97.7%	98.1%	97.3%	99.3%	98.5%	96.9%	99.6%	98.1%

FMPA 2023 Load Forecast - Base Case - Leesburg

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV) (Fiscal Year 2013-2042)

Fiscal Year		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	2013	201,419		17,967		11,211		231,802		3,028		76.5		14,931		7,423		455,575		13,071	2.8%	468,646	
	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%
	2021	267,642	2.2%	22,288	3.1%	12,008	-0.9%	207,544	-0.6%	3,324	0.8%	62.4	-1.3%	13,042	1.5%	7,579	0.2%	495,807	0.9%	18,207	3.5%	514,014	1.7%
	2022	280,423	4.8%	23,340	4.7%	12,015	0.1%	215,460	3.8%	3,350	0.8%	64.3	3.0%	13,269	1.7%	7,033	-7.2%	516,185	4.1%	11,280	2.1%	527,465	2.6%
Projected	2023	278,837	-0.6%	23,668	1.4%	11,781	-1.9%	216,896	0.7%	3,415	2.0%	63.5	-1.3%	13,695	3.2%	7,033	0.0%	516,462	0.1%	14,696	2.8%	531,158	0.7%
	2024	281,191	0.8%	23,831	0.7%	11,799	0.2%	218,237	0.6%	3,460	1.3%	63.1	-0.7%	13,719	0.2%	7,033	0.0%	520,181	0.7%	16,166	3.0%	536,347	1.0%
	2025	284,483	1.2%	24,038	0.9%	11,834	0.3%	217,638	-0.3%	3,493	1.0%	62.3	-1.2%	13,846	0.9%	7,033	0.0%	523,000	0.5%	14,982	2.8%	537,981	0.3%
	2026	286,942	0.9%	24,237	0.8%	11,839	0.0%	217,259	-0.2%	3,523	0.9%	61.7	-1.0%	13,978	1.0%	7,033	0.0%	525,212	0.4%	15,037	2.8%	540,249	0.4%
	2027	288,923	0.7%	24,420	0.8%	11,831	-0.1%	217,770	0.2%	3,552	0.8%	61.3	-0.6%	14,107	0.9%	7,033	0.0%	527,833	0.5%	15,129	2.8%	542,961	0.5%
	2028	291,479	0.9%	24,598	0.7%	11,850	0.2%	219,507	0.8%	3,581	0.8%	61.3	0.0%	14,235	0.9%	7,033	0.0%	532,255	0.8%	16,544	3.0%	548,799	1.1%
	2029	294,116	0.9%	24,771	0.7%	11,874	0.2%	221,492	0.9%	3,609	0.8%	61.4	0.1%	14,363	0.9%	7,033	0.0%	537,005	0.9%	15,400	2.8%	552,405	0.7%
	2030	297,288	1.1%	24,939	0.7%	11,921	0.4%	223,122	0.7%	3,637	0.8%	61.3	0.0%	14,491	0.9%	7,033	0.0%	541,934	0.9%	15,548	2.8%	557,482	0.9%
	2031	301,366	1.4%	25,098	0.6%	12,007	0.7%	224,265	0.5%	3,665	0.8%	61.2	-0.3%	14,617	0.9%	7,033	0.0%	547,281	1.0%	15,699	2.8%	562,981	1.0%
	2032	305,149	1.3%	25,245	0.6%	12,087	0.7%	224,839	0.3%	3,692	0.7%	60.9	-0.5%	14,739	0.8%	7,033	0.0%	551,761	0.8%	17,149	3.0%	568,910	1.1%
	2033	309,007	1.3%	25,389	0.6%	12,171	0.7%	225,034	0.1%	3,719	0.7%	60.5	-0.6%	14,861	0.8%	7,033	0.0%	555,936	0.8%	15,946	2.8%	571,881	0.5%
	2034	313,191	1.4%	25,529	0.6%	12,268	0.8%	225,030	0.0%	3,746	0.7%	60.1	-0.7%	14,983	0.8%	7,033	0.0%	560,237	0.8%	16,064	2.8%	576,301	0.8%
	2035	317,004	1.2%	25,667	0.5%	12,351	0.7%	224,853	-0.1%	3,773	0.7%	59.6	-0.8%	15,104	0.8%	7,033	0.0%	563,995	0.7%	16,176	2.8%	580,172	0.7%
	2036	321,799	1.5%	25,800	0.5%	12,473	1.0%	224,483	-0.2%	3,799	0.7%	59.1	-0.9%	15,225	0.8%	7,033	0.0%	568,540	0.8%	17,676	3.0%	586,216	1.0%
	2037	326,524	1.5%	25,926	0.5%	12,594	1.0%	223,864	-0.3%	3,825	0.7%	58.5	-1.0%	15,343	0.8%	7,033	0.0%	572,765	0.7%	16,430	2.8%	589,194	0.5%
	2038	331,213	1.4%	26,051	0.5%	12,714	0.9%	223,076	-0.4%	3,851	0.7%	57.9	-1.0%	15,461	0.8%	7,033	0.0%	576,783	0.7%	16,549	2.8%	593,332	0.7%
	2039	336,121	1.5%	26,174	0.5%	12,842	1.0%	222,047	-0.5%	3,877	0.7%	57.3	-1.1%	15,578	0.8%	7,033	0.0%	580,780	0.7%	16,666	2.8%	597,446	0.7%
	2040	340,794	1.4%	26,296	0.5%	12,960	0.9%	220,810	-0.6%	3,903	0.7%	56.6	-1.2%	15,696	0.8%	7,033	0.0%	584,333	0.6%	18,170	3.0%	602,503	0.8%
	2041	345,217	1.3%	26,415	0.5%	13,069	0.8%	219,352	-0.7%	3,928	0.7%	55.8	-1.3%	15,811	0.7%	7,033	0.0%	587,414	0.5%	16,854	2.8%	604,269	0.3%
	2042	349,824	1.3%	26,535	0.5%	13,183	0.9%	218,007	-0.6%	3,954	0.6%	55.1	-1.3%	15,928	0.7%	7,033	0.0%	590,792	0.6%	16,960	2.8%	607,753	0.6%
CAGR	2013-2022		3.7%		2.9%		0.8%		-0.8%		1.1%		-1.9%		-1.3%		-0.6%		1.4%		3.3%		1.3%
	2023-2032		1.0%		0.7%		0.3%		0.4%		0.9%		-0.5%		0.8%		0.0%		0.7%		2.9%		0.8%
	2033-2042		1.4%		0.5%		0.9%		-0.4%		0.7%		-1.0%		0.8%		0.0%		0.7%		2.8%		0.7%

CAGR - Compound Average Growth Rate.

Add'l Villages

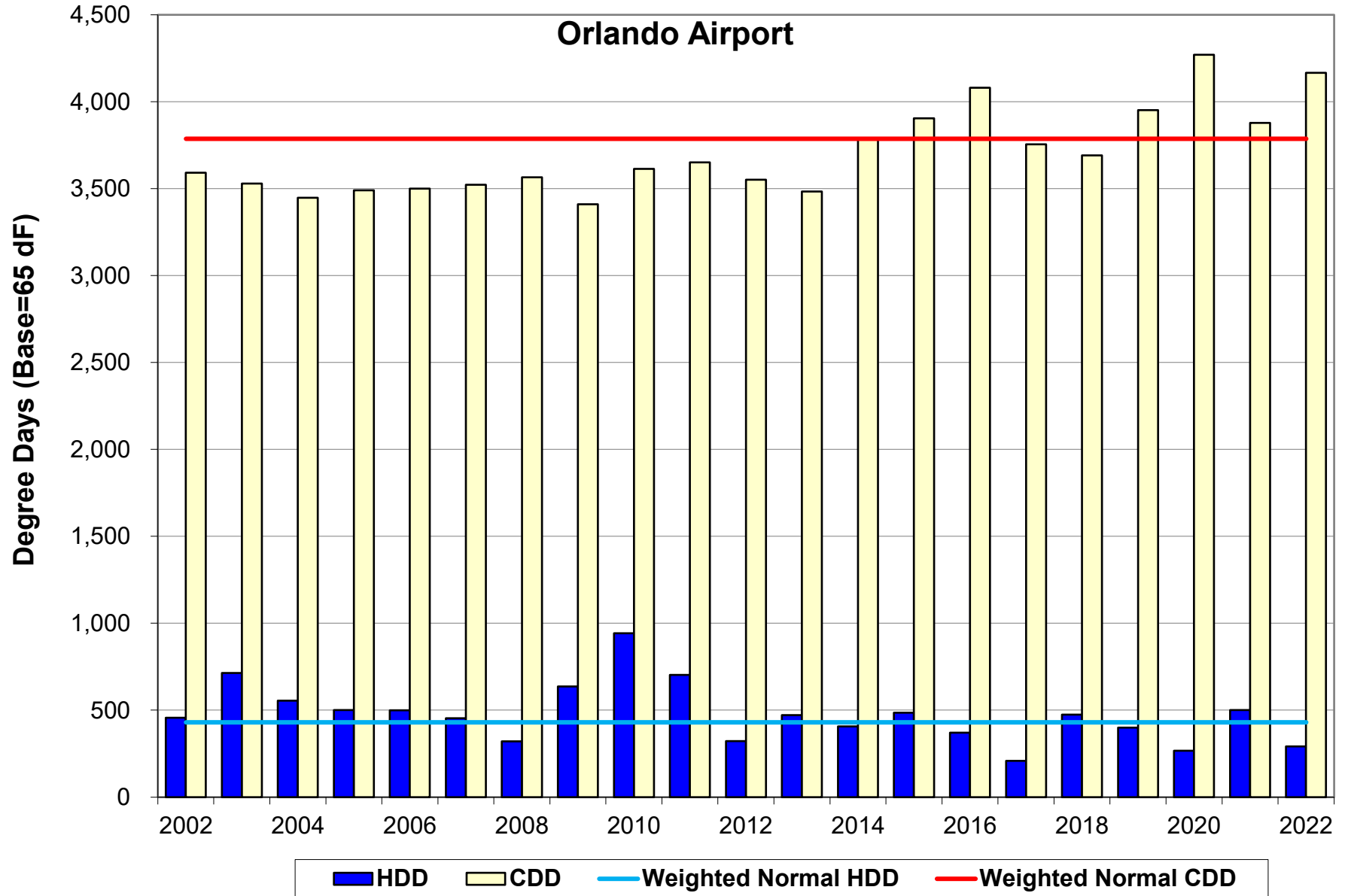
FMPA 2023 Load Forecast

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
2002	231.5	-	97.7	-	92.9	-	4.26	-	5,798	-	7,747	-	79,292	-
2003	241.5	4.3%	102.0	4.3%	97.9	5.4%	4.20	-1.6%	6,217	7.2%	8,342	7.7%	81,827	3.2%
2004	254.6	5.4%	106.4	4.4%	105.6	7.9%	4.53	8.0%	6,871	10.5%	8,892	6.6%	83,546	2.1%
2005	267.6	5.1%	111.5	4.8%	112.1	6.1%	4.96	9.5%	7,494	9.1%	9,481	6.6%	85,036	1.8%
2006	281.3	5.1%	116.8	4.7%	119.3	6.4%	4.90	-1.1%	8,026	7.1%	10,139	6.9%	86,831	2.1%
2007	289.9	3.0%	120.4	3.1%	122.3	2.5%	4.66	-5.0%	8,181	1.9%	10,594	4.5%	87,962	1.3%
2008	293.7	1.3%	121.1	0.6%	119.2	-2.6%	4.30	-7.8%	7,781	-4.9%	10,623	0.3%	87,711	-0.3%
2009	295.5	0.6%	120.7	-0.3%	114.6	-3.8%	3.60	-16.1%	7,494	-3.7%	10,195	-4.0%	84,465	-3.7%
2010	297.7	0.7%	121.6	0.8%	113.2	-1.2%	3.38	-6.2%	7,179	-4.2%	10,309	1.1%	84,753	0.3%
2011	301.6	1.3%	125.0	2.7%	116.4	2.8%	3.80	12.4%	7,082	-1.4%	10,424	1.1%	83,408	-1.6%
2012	305.9	1.4%	127.0	1.6%	119.1	2.3%	4.03	6.0%	7,361	3.9%	10,694	2.6%	84,233	1.0%
2013	311.2	1.7%	129.0	1.6%	121.4	2.0%	3.80	-5.7%	7,512	2.0%	10,806	1.0%	83,753	-0.6%
2014	319.6	2.7%	132.1	2.4%	126.5	4.2%	3.94	3.7%	7,769	3.4%	11,466	6.1%	86,819	3.7%
2015	330.5	3.4%	136.0	2.9%	132.1	4.4%	4.13	4.8%	8,488	9.2%	12,244	6.8%	90,058	3.7%
2016	341.4	3.3%	139.7	2.8%	135.9	2.9%	3.99	-3.5%	8,689	2.4%	12,986	6.1%	92,942	3.2%
2017	353.1	3.4%	142.1	1.7%	142.9	5.2%	4.14	3.9%	9,048	4.1%	13,681	5.3%	96,282	3.6%
2018	365.4	3.5%	145.3	2.3%	149.8	4.8%	4.39	5.8%	9,369	3.6%	14,228	4.0%	97,902	1.7%
2019	376.3	3.0%	148.4	2.1%	152.2	1.6%	4.50	2.7%	9,744	4.0%	14,772	3.8%	99,560	1.7%
2020	385.9	2.5%	150.4	1.3%	148.9	-2.2%	4.52	0.5%	10,023	2.9%	15,720	6.4%	104,536	5.0%
2021	395.5	2.5%	156.0	3.8%	157.0	5.5%	4.55	0.5%	10,382	3.6%	16,021	1.9%	102,665	-1.8%
2022	404.3	2.2%	160.4	2.8%	161.7	3.0%	4.55	0.1%	10,612	2.2%	16,562	3.4%	103,273	0.6%
2023	413.1	2.2%	164.6	2.6%	166.5	3.0%	4.56	0.1%	10,842	2.2%	17,112	3.3%	103,967	0.7%
2024	422.0	2.1%	168.7	2.5%	170.6	2.4%	4.56	0.2%	11,212	3.4%	17,804	4.0%	105,518	1.5%
2025	430.9	2.1%	172.8	2.4%	174.8	2.5%	4.57	0.2%	11,587	3.3%	18,514	4.0%	107,143	1.5%
2026	439.1	1.9%	176.5	2.1%	178.6	2.2%	4.57	0.0%	11,947	3.1%	19,207	3.7%	108,840	1.6%
2027	447.2	1.9%	180.1	2.1%	182.4	2.1%	4.57	0.0%	12,314	3.1%	19,919	3.7%	110,596	1.6%
2028	455.4	1.8%	183.7	2.0%	186.2	2.1%	4.58	0.0%	12,688	3.0%	20,650	3.7%	112,413	1.6%
2029	463.7	1.8%	187.2	1.9%	190.0	2.1%	4.58	0.1%	13,068	3.0%	21,399	3.6%	114,302	1.7%
2030	471.9	1.8%	190.7	1.9%	193.9	2.0%	4.58	0.1%	13,455	3.0%	22,167	3.6%	116,253	1.7%
2031	479.5	1.6%	193.8	1.6%	197.5	1.8%	4.58	0.0%	13,829	2.8%	22,921	3.4%	118,254	1.7%
2032	487.1	1.6%	196.9	1.6%	201.0	1.8%	4.58	0.0%	14,209	2.7%	23,692	3.4%	120,309	1.7%
2033	494.7	1.6%	200.0	1.6%	204.6	1.8%	4.58	0.0%	14,596	2.7%	24,481	3.3%	122,411	1.7%
2034	502.4	1.5%	203.0	1.5%	208.2	1.8%	4.57	0.0%	14,989	2.7%	25,288	3.3%	124,554	1.8%
2035	510.1	1.5%	206.0	1.5%	211.9	1.7%	4.57	0.0%	15,389	2.7%	26,114	3.3%	126,743	1.8%
2036	517.3	1.4%	208.9	1.4%	215.3	1.6%	4.57	-0.1%	15,784	2.6%	26,938	3.2%	128,965	1.8%
2037	524.6	1.4%	211.7	1.4%	218.8	1.6%	4.57	-0.1%	16,185	2.5%	27,780	3.1%	131,218	1.7%
2038	531.9	1.4%	214.5	1.3%	222.3	1.6%	4.56	-0.1%	16,593	2.5%	28,639	3.1%	133,500	1.7%
2039	539.2	1.4%	217.3	1.3%	225.9	1.6%	4.56	-0.1%	17,006	2.5%	29,515	3.1%	135,812	1.7%
2040	546.5	1.4%	220.1	1.3%	229.4	1.6%	4.56	-0.1%	17,426	2.5%	30,408	3.0%	138,141	1.7%
2041	553.4	1.3%	222.8	1.2%	232.7	1.5%	4.55	-0.1%	17,838	2.4%	31,294	2.9%	140,462	1.7%
2042	560.4	1.3%	225.5	1.2%	236.1	1.4%	4.55	-0.1%	18,255	2.3%	32,195	2.9%	142,760	1.6%
Average Percent Change														
2012-2022	2.8%		2.4%		3.1%		1.2%		3.7%		4.5%		2.1%	
2023-2032	1.8%		2.0%		2.1%		0.1%		3.1%		3.7%		1.6%	
2033-2042	1.4%		1.4%		1.6%		-0.1%		2.5%		3.1%		1.7%	



Newberry

FMPA 2023 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	Year															
	2013	32,137	-	32,555	-	1.3%	7.4	-	7.2	-	-3.0%	7.3	-	7.5		1.9%
	2014	34,298	6.7%	34,695	6.6%	1.2%	7.6	2.6%	8.1	13.2%	7.1%	7.8	7.3%	8.0	7.5%	2.1%
	2015	36,047	5.1%	35,530	2.4%	-1.4%	8.7	14.2%	7.8	-4.5%	-10.4%	7.8	-0.2%	8.2	2.3%	4.6%
	2016	36,935	2.5%	36,392	2.4%	-1.5%	6.3	-27.3%	8.1	4.2%	28.4%	8.4	7.7%	8.3	1.6%	-1.3%
	2017	35,911	-2.8%	36,767	1.0%	2.4%	5.5	-12.0%	5.7	-29.5%	3.0%	8.2	-2.4%	8.5	2.5%	3.6%
	2018	38,376	6.9%	37,184	1.1%	-3.1%	10.0	79.9%	9.3	62.6%	-6.9%	7.9	-3.9%	7.7	-10.1%	-3.1%
	2019	40,582	5.8%	39,524	6.3%	-2.6%	6.2	-38.0%	10.2	9.9%	65.0%	9.1	14.5%	9.1	18.6%	0.4%
	2020	40,937	0.9%	41,450	4.9%	1.3%	7.2	15.7%	10.0	-2.3%	39.2%	8.6	-5.2%	9.9	9.3%	15.7%
	2021	43,472	6.2%	44,350	7.0%	2.0%	9.9	39.1%	10.5	5.9%	6.0%	9.9	15.3%	10.5	6.1%	6.5%
	2022	44,614	2.6%	44,001	-0.8%	-1.4%	10.5	5.5%	9.8	-7.0%	-6.6%	10.3	4.4%	8.8	-16.2%	-14.5%
Projected	2023	47,397	6.2%	47,397	7.7%		11.1	5.7%	11.1	13.2%		10.5	1.6%	10.5	18.8%	
	2024			49,420	4.3%				11.6	4.4%				10.9	3.7%	
	2025			50,724	2.6%				12.0	3.4%				11.2	2.5%	
	2026			51,606	1.7%				12.2	2.1%				11.3	1.6%	
	2027			52,326	1.4%				12.4	1.6%				11.5	1.3%	
	2028			53,122	1.5%				12.6	1.5%				11.6	1.2%	
	2029			53,635	1.0%				12.8	1.4%				11.8	1.2%	
	2030			54,348	1.3%				13.0	1.5%				11.9	1.4%	
	2031			55,113	1.4%				13.2	1.7%				12.1	1.4%	
	2032			55,984	1.6%				13.4	1.6%				12.2	1.2%	
	2033			56,502	0.9%				13.6	1.4%				12.4	1.1%	
	2034			57,292	1.4%				13.8	1.4%				12.6	1.4%	
	2035			58,162	1.5%				14.0	1.4%				12.7	1.5%	
	2036			59,204	1.8%				14.2	1.4%				12.9	1.4%	
	2037			59,900	1.2%				14.3	1.1%				13.1	1.4%	
	2038			60,754	1.4%				14.5	1.2%				13.3	1.4%	
	2039			61,602	1.4%				14.7	1.3%				13.5	1.4%	
	2040			62,549	1.5%				14.9	1.4%				13.6	1.2%	
	2041			63,133	0.9%				15.1	1.2%				13.8	1.2%	
	2042			63,928	1.3%				15.3	1.3%				14.0	1.2%	
CAGR ^[3]	2013-2022		3.7%		3.4%			4.0%		3.5%			3.9%		1.9%	
	2023-2032				1.9%					2.1%					1.7%	
	2033-2042				1.4%					1.3%					1.4%	

[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 2023 Load Forecast - Base Case

Newberry

2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	32,137	-	32,137	-	7.4	7.5	7.3	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%	40,937	0.9%	8.7	9.7	8.7	9.7	7.2	8.6	7.2	8.6
	2021	43,472	6.2%	43,472	6.2%	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
	2022	44,614	2.6%	45,269	4.1%	11.1	10.8	11.1	10.3	10.5	10.3	10.9	10.0
Projected	2023	47,397	6.2%	46,907	3.6%	11.4	10.8	11.7	10.6	11.1	10.5	11.4	10.3
	2024	49,420	4.3%	48,695	3.8%	11.9	11.2	12.1	11.0	11.6	10.9	11.8	10.6
	2025	50,724	2.6%	49,887	2.4%	12.3	11.5	12.5	11.3	12.0	11.2	12.2	10.9
	2026	51,606	1.7%	50,824	1.9%	12.6	11.7	12.8	11.5	12.2	11.3	12.5	11.1
	2027	52,326	1.4%	51,612	1.5%	12.8	11.8	13.0	11.6	12.4	11.5	12.7	11.2
	2028	53,122	1.5%	52,435	1.6%	13.0	12.0	13.2	11.8	12.6	11.6	12.9	11.4
	2029	53,635	1.0%	52,911	0.9%	13.2	12.1	13.4	11.9	12.8	11.8	13.1	11.5
	2030	54,348	1.3%	53,551	1.2%	13.4	12.3	13.6	12.1	13.0	11.9	13.3	11.7
	2031	55,113	1.4%	54,243	1.3%	13.6	12.4	13.8	12.2	13.2	12.1	13.5	11.8
	2032	55,984	1.6%	55,047	1.5%	13.8	12.6	14.0	12.4	13.4	12.2	13.7	11.9
	2033	56,502	0.9%	55,521	0.9%	14.0	12.7	14.2	12.5	13.6	12.4	13.8	12.1
	2034	57,292	1.4%	56,131	1.1%	14.2	12.9	14.4	12.6	13.8	12.6	14.0	12.2
	2035	58,162	1.5%	56,720	1.0%	14.4	13.1	14.5	12.8	14.0	12.7	14.2	12.3
	2036	59,204	1.8%	57,411	1.2%	14.6	13.3	14.7	12.9	14.2	12.9	14.4	12.4
	2037	59,900	1.2%	57,727	0.6%	14.8	13.5	14.9	13.0	14.3	13.1	14.5	12.5
	2038	60,754	1.4%	58,210	0.8%	15.0	13.7	15.0	13.1	14.5	13.3	14.7	12.6
	2039	61,602	1.4%	58,771	1.0%	15.2	13.9	15.2	13.2	14.7	13.5	14.9	12.8
	2040	62,549	1.5%	59,461	1.2%	15.4	14.0	15.4	13.3	14.9	13.6	15.0	12.9
	2041	63,133	0.9%	59,850	0.7%	15.5	14.2	15.6	13.5	15.1	13.8	15.2	13.0
	2042	63,928	1.3%			15.7	14.4			15.3	14.0		
CAGR ^[1]	Historical		3.7%		3.8%	4.6%	4.1%	3.9%	3.5%	4.1%	3.5%	3.9%	3.4%
	1st 10 Prj Yrs		1.9%		2.0%	2.1%	1.7%	2.4%	1.9%	2.1%	1.7%	2.4%	1.9%
	2nd 10 Prj Yrs		1.4%		0.9%	1.3%	1.4%	1.2%	0.9%	1.3%	1.4%	1.2%	0.9%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	3,624	2,933	3,607	41,973	40,937
	2021	3,505	2,991	3,176	3,154	3,816	4,015	4,266	4,425	3,960	3,572	2,995	3,131	43,006	43,472
	2022	3,709	3,113	3,049	3,260	4,056	4,617	4,510	4,614	3,987	3,926	3,089	3,692	45,622	44,614
Projected	2023	3,998	3,441	3,378	3,361	4,121	4,384	4,734	4,841	4,432	4,167	3,207	3,861	47,925	47,397
	2024	4,120	3,766	3,487	3,455	4,290	4,528	4,895	5,028	4,617	4,313	3,207	3,997	49,808	49,420
	2025	4,251	3,763	3,585	3,547	4,417	4,643	5,018	5,152	4,725	4,404	3,376	4,079	50,961	50,724
	2026	4,334	3,838	3,643	3,603	4,490	4,715	5,096	5,231	4,797	4,469	3,423	4,144	51,783	51,606
	2027	4,403	3,897	3,692	3,650	4,552	4,776	5,163	5,299	4,857	4,525	3,464	4,202	52,481	52,326
	2028	4,464	4,096	3,736	3,694	4,608	4,832	5,224	5,362	4,914	4,581	3,503	4,260	53,275	53,122
	2029	4,525	4,005	3,781	3,738	4,665	4,890	5,287	5,427	4,973	4,638	3,544	4,321	53,794	53,635
	2030	4,590	4,064	3,828	3,786	4,728	4,953	5,357	5,499	5,040	4,703	3,591	4,392	54,531	54,348
	2031	4,665	4,130	3,880	3,837	4,794	5,018	5,427	5,572	5,104	4,766	3,635	4,459	55,287	55,113
	2032	4,737	4,347	3,928	3,884	4,856	5,078	5,493	5,638	5,164	4,825	3,676	4,525	56,150	55,984
Projected	2033	4,806	4,252	3,972	3,928	4,913	5,133	5,553	5,700	5,219	4,893	3,726	4,594	56,690	56,502
	2034	4,879	4,317	4,027	3,983	4,981	5,201	5,627	5,776	5,287	4,969	3,784	4,670	57,501	57,292
	2035	4,957	4,386	4,090	4,045	5,056	5,277	5,708	5,858	5,363	5,048	3,844	4,746	58,376	58,162
	2036	5,035	4,622	4,154	4,108	5,131	5,352	5,789	5,939	5,436	5,124	3,902	4,818	59,411	59,204
	2037	5,110	4,521	4,217	4,170	5,206	5,428	5,870	6,021	5,512	5,197	3,957	4,890	60,099	59,900
	2038	5,184	4,587	4,279	4,232	5,280	5,503	5,951	6,105	5,589	5,269	4,012	4,963	60,954	60,754
	2039	5,261	4,655	4,340	4,292	5,353	5,577	6,031	6,186	5,663	5,335	4,061	5,033	61,787	61,602
	2040	5,333	4,898	4,394	4,345	5,419	5,642	6,102	6,258	5,728	5,401	4,109	5,102	62,733	62,549
	2041	5,405	4,782	4,447	4,398	5,485	5,707	6,172	6,330	5,793	5,469	4,159	5,172	63,322	63,133
	2042	5,480	4,848	4,503	4,454	5,554	5,775	6,246	6,405	5,862	5,537	4,209	5,243	64,116	63,928

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	6.7%	7.5%	7.2%	8.2%	9.2%	10.0%	10.2%	9.3%	8.6%	7.0%	8.6%	100.0%
	2021	8.2%	7.0%	7.4%	7.3%	8.9%	9.3%	9.9%	10.3%	9.2%	8.3%	7.0%	7.3%	100.0%
	2022	8.1%	6.8%	6.7%	7.1%	8.9%	10.1%	9.9%	10.1%	8.7%	8.6%	6.8%	8.1%	100.0%
Projected	2023	8.3%	7.2%	7.0%	7.0%	8.6%	9.1%	9.9%	10.1%	9.2%	8.7%	6.7%	8.1%	100.0%
	2024	8.3%	7.6%	7.0%	6.9%	8.6%	9.1%	9.8%	10.1%	9.3%	8.7%	6.6%	8.0%	100.0%
	2025	8.3%	7.4%	7.0%	7.0%	8.7%	9.1%	9.8%	10.1%	9.3%	8.6%	6.6%	8.0%	100.0%
	2026	8.4%	7.4%	7.0%	7.0%	8.7%	9.1%	9.8%	10.1%	9.3%	8.6%	6.6%	8.0%	100.0%
	2027	8.4%	7.4%	7.0%	7.0%	8.7%	9.1%	9.8%	10.1%	9.3%	8.6%	6.6%	8.0%	100.0%
	2028	8.4%	7.7%	7.0%	6.9%	8.6%	9.1%	9.8%	10.1%	9.2%	8.6%	6.6%	8.0%	100.0%
	2029	8.4%	7.4%	7.0%	6.9%	8.7%	9.1%	9.8%	10.1%	9.2%	8.6%	6.6%	8.0%	100.0%
	2030	8.4%	7.5%	7.0%	6.9%	8.7%	9.1%	9.8%	10.1%	9.2%	8.6%	6.6%	8.1%	100.0%
	2031	8.4%	7.5%	7.0%	6.9%	8.7%	9.1%	9.8%	10.1%	9.2%	8.6%	6.6%	8.1%	100.0%
	2032	8.4%	7.7%	7.0%	6.9%	8.6%	9.0%	9.8%	10.0%	9.2%	8.6%	6.5%	8.1%	100.0%
Avg.	2013-2022	8.2%	6.8%	7.1%	7.2%	8.7%	9.5%	10.0%	10.3%	9.3%	8.3%	7.0%	7.7%	100.0%
	2023-2032	8.4%	7.5%	7.0%	7.0%	8.7%	9.1%	9.8%	10.1%	9.2%	8.6%	6.6%	8.0%	100.0%

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

FMPA 2023 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	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	8.0	6.4	9.2	8.7	9.7
	2021	9.1	9.9	7.2	7.6	9.0	9.3	9.3	9.9	8.8	8.1	7.6	6.9	9.9	9.9
	2022	11.1	9.3	7.1	7.6	9.4	10.8	9.7	10.1	9.8	9.0	7.5	9.0	11.1	10.8
Projected	2023	11.4	10.3	8.2	8.3	9.6	10.5	10.3	10.8	10.0	9.0	7.9	9.4	11.4	10.8
	2024	11.9	10.8	8.6	8.6	10.0	10.9	10.6	11.2	10.4	9.4	8.1	9.8	11.9	11.2
	2025	12.3	11.2	8.9	8.8	10.3	11.1	10.9	11.5	10.6	9.6	8.3	10.0	12.3	11.5
	2026	12.6	11.4	9.1	8.9	10.4	11.3	11.1	11.7	10.8	9.8	8.5	10.1	12.6	11.7
	2027	12.8	11.6	9.2	9.1	10.6	11.5	11.2	11.8	10.9	9.9	8.6	10.3	12.8	11.8
	2028	13.0	11.7	9.4	9.2	10.7	11.6	11.3	12.0	11.1	10.1	8.7	10.4	13.0	12.0
	2029	13.2	11.9	9.5	9.3	10.9	11.7	11.5	12.1	11.2	10.2	8.9	10.6	13.2	12.1
	2030	13.4	12.1	9.7	9.5	11.0	11.9	11.6	12.3	11.4	10.4	9.0	10.7	13.4	12.3
	2031	13.6	12.3	9.9	9.6	11.2	12.1	11.8	12.4	11.5	10.5	9.2	10.9	13.6	12.4
	2032	13.8	12.5	10.1	9.8	11.4	12.2	12.0	12.6	11.7	10.7	9.4	11.1	13.8	12.6
Projected	2033	14.0	12.7	10.2	9.9	11.5	12.4	12.1	12.7	11.8	10.9	9.5	11.2	14.0	12.7
	2034	14.2	12.9	10.4	10.1	11.7	12.5	12.3	12.9	12.0	11.0	9.7	11.4	14.2	12.9
	2035	14.4	13.0	10.6	10.2	11.9	12.7	12.4	13.1	12.1	11.2	9.9	11.6	14.4	13.1
	2036	14.6	13.2	10.8	10.4	12.1	12.9	12.6	13.3	12.3	11.4	10.0	11.7	14.6	13.3
	2037	14.8	13.4	10.9	10.6	12.3	13.1	12.8	13.5	12.5	11.6	10.2	11.8	14.8	13.5
	2038	15.0	13.5	11.1	10.7	12.5	13.3	13.0	13.7	12.7	11.8	10.4	12.0	15.0	13.7
	2039	15.2	13.7	11.3	10.9	12.6	13.5	13.2	13.9	12.9	11.9	10.6	12.2	15.2	13.9
	2040	15.4	13.9	11.5	11.0	12.8	13.6	13.3	14.0	13.0	12.1	10.7	12.3	15.4	14.0
	2041	15.5	14.1	11.7	11.2	13.0	13.8	13.5	14.2	13.2	12.3	10.9	12.5	15.5	14.2
	2042	15.7	14.3	11.8	11.4	13.2	14.0	13.7	14.4	13.3	12.4	11.1	12.6	15.7	14.4

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	60.7%	63.4%	52.5%	55.3%	48.3%
	2021	51.7%	44.8%	59.0%	57.9%	56.7%	60.1%	61.8%	59.9%	62.3%	59.4%	54.7%	60.9%	49.4%	49.9%
	2022	45.1%	49.7%	57.8%	59.6%	58.3%	59.4%	62.2%	61.4%	56.4%	58.7%	57.0%	55.0%	47.1%	47.2%
Projected	2023	47.0%	49.6%	55.2%	56.5%	57.5%	58.1%	62.1%	60.2%	61.5%	61.9%	56.7%	55.0%	47.9%	50.1%
	2024	46.4%	50.1%	54.6%	55.9%	57.7%	57.9%	61.9%	60.3%	61.8%	61.7%	56.6%	55.1%	47.7%	50.4%
	2025	46.3%	50.2%	54.2%	56.0%	57.9%	57.9%	61.9%	60.3%	61.7%	61.4%	56.5%	55.1%	47.1%	50.4%
	2026	46.3%	50.1%	54.0%	55.9%	57.9%	57.9%	61.9%	60.3%	61.7%	61.3%	56.3%	55.1%	46.9%	50.5%
	2027	46.2%	50.1%	53.8%	55.8%	57.9%	57.9%	61.9%	60.3%	61.7%	61.2%	56.0%	55.0%	46.8%	50.6%
	2028	46.2%	50.1%	53.5%	55.8%	57.8%	57.9%	61.9%	60.3%	61.6%	61.1%	55.8%	55.0%	46.8%	50.7%
	2029	46.2%	50.0%	53.3%	55.6%	57.7%	57.9%	61.9%	60.2%	61.6%	61.0%	55.5%	55.0%	46.6%	50.6%
	2030	46.2%	50.0%	53.1%	55.5%	57.6%	57.8%	61.8%	60.2%	61.6%	60.9%	55.2%	55.0%	46.6%	50.5%
	2031	46.2%	50.0%	52.8%	55.4%	57.5%	57.8%	61.8%	60.2%	61.6%	60.8%	54.8%	54.9%	46.5%	50.6%
	2032	46.1%	50.0%	52.5%	55.2%	57.3%	57.8%	61.8%	60.1%	61.5%	60.6%	54.5%	54.9%	46.4%	50.7%
Avg.	2013-2022	50.5%	51.2%	54.8%	56.8%	57.5%	59.4%	60.7%	61.1%	60.1%	57.4%	56.4%	54.9%	49.7%	49.2%
	2023-2032	46.3%	50.0%	53.7%	55.8%	57.7%	57.9%	61.9%	60.3%	61.6%	61.2%	55.8%	55.0%	46.9%	50.5%

FMPA 2023 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	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	7.9	5.0	9.1	7.2	8.6
	2021	9.1	9.9	6.8	7.5	8.6	9.0	8.8	9.9	7.3	7.4	5.1	4.9	9.9	9.9
	2022	10.5	9.3	6.6	5.8	8.9	10.3	8.7	9.4	9.8	8.5	6.4	7.8	10.5	10.3
Projected	2023	11.1	9.6	7.1	7.8	9.3	9.8	9.8	10.5	9.1	8.6	6.6	8.2	11.1	10.5
	2024	11.6	10.0	7.4	8.1	9.7	10.2	10.1	10.9	9.5	8.9	6.9	8.5	11.6	10.9
	2025	12.0	10.3	7.7	8.3	9.9	10.4	10.4	11.2	9.7	9.1	7.0	8.6	12.0	11.2
	2026	12.2	10.5	7.8	8.4	10.1	10.6	10.5	11.3	9.8	9.3	7.1	8.8	12.2	11.3
	2027	12.4	10.7	8.0	8.5	10.2	10.7	10.7	11.5	10.0	9.4	7.3	8.9	12.4	11.5
	2028	12.6	10.9	8.1	8.7	10.4	10.9	10.8	11.6	10.1	9.5	7.4	9.0	12.6	11.6
	2029	12.8	11.0	8.2	8.8	10.5	11.0	10.9	11.8	10.2	9.7	7.5	9.2	12.8	11.8
	2030	13.0	11.2	8.4	8.9	10.7	11.1	11.1	11.9	10.3	9.8	7.6	9.3	13.0	11.9
	2031	13.2	11.4	8.5	9.0	10.9	11.3	11.2	12.1	10.5	10.0	7.8	9.5	13.2	12.1
	2032	13.4	11.6	8.7	9.2	11.0	11.4	11.4	12.2	10.6	10.1	7.9	9.6	13.4	12.2
Projected	2033	13.6	11.7	8.8	9.3	11.2	11.5	11.5	12.4	10.7	10.3	8.1	9.8	13.6	12.4
	2034	13.8	11.9	9.0	9.5	11.4	11.7	11.6	12.6	10.9	10.5	8.2	9.9	13.8	12.6
	2035	14.0	12.1	9.1	9.6	11.5	11.9	11.8	12.7	11.0	10.6	8.3	10.0	14.0	12.7
	2036	14.2	12.2	9.3	9.8	11.7	12.0	12.0	12.9	11.2	10.8	8.5	10.2	14.2	12.9
	2037	14.3	12.4	9.5	9.9	11.9	12.2	12.2	13.1	11.3	11.0	8.6	10.3	14.3	13.1
	2038	14.5	12.5	9.6	10.1	12.1	12.4	12.3	13.3	11.5	11.1	8.8	10.4	14.5	13.3
	2039	14.7	12.7	9.8	10.2	12.3	12.6	12.5	13.5	11.7	11.3	8.9	10.6	14.7	13.5
	2040	14.9	12.9	9.9	10.4	12.4	12.7	12.7	13.6	11.8	11.4	9.0	10.7	14.9	13.6
	2041	15.1	13.0	10.1	10.5	12.6	12.9	12.8	13.8	11.9	11.6	9.2	10.8	15.1	13.8
	2042	15.3	13.2	10.2	10.7	12.8	13.0	13.0	14.0	12.1	11.8	9.3	11.0	15.3	14.0

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	98.7%	77.3%	98.7%	82.5%	88.9%
	2021	100.0%	100.0%	94.5%	98.9%	95.5%	97.0%	95.4%	99.7%	83.1%	91.5%	66.7%	71.1%	100.0%	99.7%
	2022	94.8%	100.0%	93.5%	75.7%	94.8%	95.8%	89.0%	93.1%	99.5%	94.8%	84.5%	86.8%	94.8%	95.8%
Projected	2023	97.1%	92.5%	86.4%	94.1%	96.9%	93.7%	95.2%	97.2%	91.1%	94.8%	84.5%	86.8%	97.1%	97.2%
	2024	97.1%	92.5%	86.4%	94.1%	96.9%	93.7%	95.2%	97.2%	91.1%	94.8%	84.5%	86.8%	97.1%	97.2%
	2025	97.1%	92.5%	86.4%	94.1%	96.9%	93.7%	95.2%	97.2%	91.1%	94.8%	84.5%	86.8%	97.1%	97.2%
	2026	97.1%	92.5%	86.4%	94.0%	96.9%	93.7%	95.2%	97.2%	91.1%	94.8%	84.5%	86.8%	97.1%	97.2%
	2027	97.1%	92.5%	86.4%	94.0%	96.9%	93.6%	95.2%	97.2%	91.1%	94.8%	84.5%	86.8%	97.1%	97.2%
	2028	97.1%	92.5%	86.4%	94.0%	96.9%	93.6%	95.2%	97.2%	91.0%	94.8%	84.5%	86.8%	97.1%	97.2%
	2029	97.1%	92.5%	86.4%	94.0%	96.9%	93.6%	95.1%	97.2%	91.0%	94.8%	84.5%	86.8%	97.1%	97.2%
	2030	97.1%	92.5%	86.4%	94.0%	96.9%	93.6%	95.1%	97.2%	91.0%	94.7%	84.5%	86.8%	97.1%	97.2%
	2031	97.1%	92.5%	86.4%	94.0%	96.9%	93.5%	95.1%	97.2%	90.9%	94.7%	84.5%	86.8%	97.1%	97.2%
	2032	97.1%	92.5%	86.4%	94.0%	96.9%	93.5%	95.1%	97.2%	90.9%	94.7%	84.5%	86.8%	97.1%	97.2%
	2013-2022	97.1%	92.5%	86.4%	94.1%	96.9%	93.7%	95.2%	97.0%	91.2%	94.9%	86.1%	85.5%	88.5%	96.1%
	2023-2032	97.1%	92.5%	86.4%	94.0%	96.9%	93.6%	95.2%	97.2%	91.0%	94.8%	84.5%	86.8%	97.1%	97.2%

FMPA 2023 Load Forecast - Base Case - Newberry

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV)
(Fiscal Year 2013-2042)

		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	2013	16,052		1,319		12,170		12,539		244		51.4		1,995		0		30,586		1,551	4.8%	32,137	
	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%
	2021	23,346	6.1%	1,875	7.4%	12,455	-1.1%	15,746	6.9%	263	4.4%	59.8	2.4%	1,732	8.2%	583	0.0%	41,407	6.4%	2,065	4.7%	43,472	6.2%
	2022	25,097	7.5%	2,091	11.6%	12,001	-3.6%	15,524	-1.4%	278	5.6%	55.8	-6.6%	1,584	-8.5%	583	0.0%	42,788	3.3%	1,826	4.1%	44,614	2.6%
Projected	2023	26,569	5.9%	2,119	1.3%	12,538	4.5%	16,458	6.0%	278	-0.1%	59.3	6.2%	1,677	5.9%	583	0.0%	45,288	5.8%	2,206	4.6%	47,494	6.5%
	2024	27,746	4.4%	2,204	4.0%	12,589	0.4%	17,146	4.2%	283	1.9%	60.6	2.3%	1,692	0.9%	583	0.0%	47,168	4.2%	2,432	4.9%	49,600	4.4%
	2025	28,804	3.8%	2,271	3.1%	12,682	0.7%	17,536	2.3%	285	0.7%	61.5	1.5%	1,706	0.8%	583	0.0%	48,630	3.1%	2,370	4.6%	51,000	2.8%
	2026	29,494	2.4%	2,327	2.4%	12,676	0.0%	17,779	1.4%	286	0.5%	62.1	0.9%	1,719	0.7%	583	0.0%	49,576	1.9%	2,416	4.6%	51,992	1.9%
	2027	30,051	1.9%	2,374	2.0%	12,658	-0.1%	18,021	1.4%	288	0.6%	62.5	0.7%	1,731	0.7%	583	0.0%	50,386	1.6%	2,455	4.6%	52,841	1.6%
	2028	30,538	1.6%	2,415	1.7%	12,643	-0.1%	18,291	1.5%	290	0.8%	63.0	0.7%	1,741	0.6%	583	0.0%	51,154	1.5%	2,638	4.9%	53,792	1.8%
	2029	31,020	1.6%	2,454	1.6%	12,642	0.0%	18,597	1.7%	293	0.9%	63.5	0.8%	1,751	0.6%	583	0.0%	51,952	1.6%	2,531	4.6%	54,483	1.3%
	2030	31,566	1.8%	2,491	1.5%	12,675	0.3%	18,923	1.8%	296	0.9%	64.0	0.8%	1,761	0.5%	583	0.0%	52,833	1.7%	2,574	4.6%	55,407	1.7%
	2031	32,182	2.0%	2,526	1.4%	12,743	0.5%	19,254	1.8%	298	0.9%	64.5	0.8%	1,769	0.5%	583	0.0%	53,789	1.8%	2,621	4.6%	56,410	1.8%
	2032	32,779	1.9%	2,558	1.3%	12,815	0.6%	19,586	1.7%	301	0.9%	65.0	0.8%	1,777	0.4%	583	0.0%	54,725	1.7%	2,822	4.9%	57,547	2.0%
	2033	33,359	1.8%	2,588	1.2%	12,892	0.6%	19,917	1.7%	304	0.9%	65.5	0.8%	1,784	0.4%	583	0.0%	55,643	1.7%	2,711	4.6%	58,354	1.4%
	2034	33,938	1.7%	2,616	1.1%	12,972	0.6%	20,253	1.7%	307	0.9%	66.1	0.8%	1,791	0.4%	583	0.0%	56,565	1.7%	2,756	4.6%	59,321	1.7%
	2035	34,528	1.7%	2,644	1.1%	13,058	0.7%	20,596	1.7%	309	0.9%	66.6	0.8%	1,797	0.3%	583	0.0%	57,504	1.7%	2,801	4.6%	60,305	1.7%
	2036	35,095	1.6%	2,671	1.0%	13,137	0.6%	20,945	1.7%	312	0.9%	67.1	0.8%	1,802	0.3%	583	0.0%	58,426	1.6%	3,013	4.9%	61,439	1.9%
	2037	35,624	1.5%	2,697	1.0%	13,207	0.5%	21,296	1.7%	315	0.8%	67.7	0.8%	1,807	0.3%	583	0.0%	59,311	1.5%	2,889	4.6%	62,200	1.2%
	2038	36,189	1.6%	2,721	0.9%	13,298	0.7%	21,646	1.6%	317	0.8%	68.2	0.8%	1,812	0.3%	583	0.0%	60,230	1.6%	2,934	4.6%	63,164	1.6%
	2039	36,782	1.6%	2,745	0.9%	13,401	0.8%	21,991	1.6%	320	0.8%	68.8	0.8%	1,816	0.2%	583	0.0%	61,173	1.6%	2,979	4.6%	64,152	1.6%
	2040	37,369	1.6%	2,768	0.8%	13,501	0.7%	22,335	1.6%	322	0.8%	69.3	0.8%	1,820	0.2%	583	0.0%	62,107	1.5%	3,202	4.9%	65,309	1.8%
	2041	37,941	1.5%	2,791	0.8%	13,595	0.7%	22,677	1.5%	325	0.8%	69.8	0.7%	1,824	0.2%	583	0.0%	63,025	1.5%	3,069	4.6%	66,095	1.2%
	2042	38,529	1.5%	2,814	0.8%	13,693	0.7%	23,020	1.5%	327	0.8%	70.3	0.7%	1,828	0.2%	583	0.0%	63,960	1.5%	3,115	4.6%	67,075	1.5%
CAGR	2013-2022		5.1%		5.3%		-0.2%		2.4%		1.5%		0.9%		-2.5%				3.8%		4.8%		3.7%
	2023-2032		2.4%		2.1%		0.2%		2.0%		0.9%		1.0%		0.6%		0.0%		2.1%		4.7%		2.2%
	2033-2042		1.6%		0.9%		0.7%		1.6%		0.8%		0.8%		0.3%		0.0%		1.6%		4.7%		1.6%

CAGR - Compound Average Growth Rate.

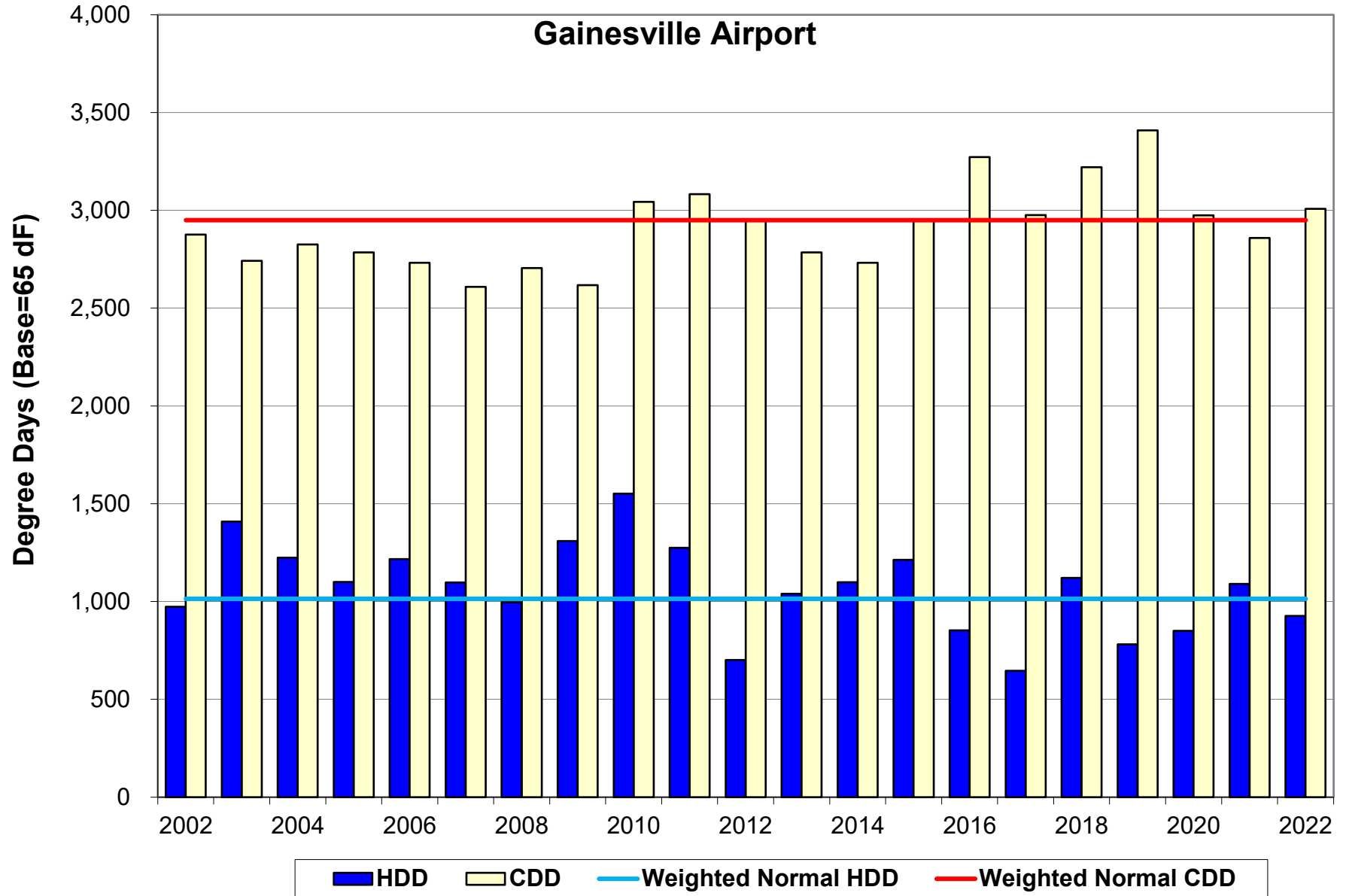
FMPA 2023 Load Forecast

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
2002	224.6	-	91.9	-	150.2	-	4.34	-	9,180	-	7,417	-	80,690	-
2003	227.0	1.1%	93.5	1.7%	151.1	0.6%	4.14	-4.6%	9,291	1.2%	7,529	1.5%	80,519	-0.2%
2004	229.9	1.3%	94.2	0.7%	155.2	2.7%	4.35	5.1%	10,188	9.7%	8,149	8.2%	86,508	7.4%
2005	233.8	1.7%	95.8	1.7%	157.3	1.3%	4.37	0.4%	10,451	2.6%	8,542	4.8%	89,134	3.0%
2006	239.5	2.5%	98.0	2.2%	160.9	2.3%	4.89	11.9%	10,761	3.0%	8,957	4.9%	91,432	2.6%
2007	242.7	1.3%	99.6	1.7%	162.4	1.0%	5.21	6.7%	11,441	6.3%	9,184	2.5%	92,233	0.9%
2008	244.9	0.9%	100.1	0.5%	161.2	-0.7%	5.39	3.4%	11,218	-1.9%	9,260	0.8%	92,524	0.3%
2009	246.7	0.7%	100.1	0.0%	154.9	-3.9%	4.54	-15.8%	11,260	0.4%	8,973	-3.1%	89,624	-3.1%
2010	247.6	0.4%	100.6	0.4%	152.9	-1.3%	4.70	3.6%	11,035	-2.0%	9,220	2.7%	91,685	2.3%
2011	250.6	1.2%	103.0	2.4%	153.7	0.5%	4.77	1.4%	10,731	-2.8%	9,348	1.4%	90,761	-1.0%
2012	253.1	1.0%	104.7	1.6%	155.1	0.9%	4.77	0.0%	10,704	-0.2%	9,206	-1.5%	87,962	-3.1%
2013	254.8	0.7%	106.5	1.8%	156.9	1.2%	4.84	1.5%	10,914	2.0%	9,165	-0.5%	86,040	-2.2%
2014	258.6	1.5%	107.7	1.2%	161.1	2.6%	4.68	-3.3%	11,231	2.9%	9,547	4.2%	88,616	3.0%
2015	262.9	1.7%	109.5	1.6%	165.2	2.6%	4.89	4.4%	11,681	4.0%	9,953	4.2%	90,921	2.6%
2016	268.6	2.2%	111.0	1.4%	168.3	1.9%	5.15	5.4%	11,951	2.3%	10,245	2.9%	92,318	1.5%
2017	271.7	1.2%	111.8	0.7%	173.6	3.1%	4.98	-3.2%	12,371	3.5%	10,703	4.5%	95,771	3.7%
2018	275.2	1.3%	113.5	1.5%	178.1	2.6%	5.03	0.8%	12,819	3.6%	11,110	3.8%	97,908	2.2%
2019	276.2	0.4%	114.9	1.3%	181.2	1.7%	5.07	0.8%	13,329	4.0%	11,433	2.9%	99,492	1.6%
2020	278.7	0.9%	115.4	0.4%	174.1	-3.9%	4.65	-8.3%	13,509	1.4%	12,084	5.7%	104,695	5.2%
2021	280.6	0.7%	116.8	1.2%	182.8	5.0%	4.98	7.1%	13,926	3.1%	12,118	0.3%	103,755	-0.9%
2022	283.5	1.0%	118.6	1.5%	186.4	2.0%	5.10	2.5%	14,121	1.4%	12,356	2.0%	104,207	0.4%
2023	286.4	1.0%	120.3	1.4%	190.0	1.9%	5.23	2.4%	14,318	1.4%	12,597	1.9%	104,746	0.5%
2024	289.3	1.0%	121.9	1.3%	192.1	1.1%	5.27	0.8%	14,626	2.2%	12,902	2.4%	105,875	1.1%
2025	292.1	1.0%	123.4	1.3%	194.3	1.1%	5.31	0.8%	14,938	2.1%	13,213	2.4%	107,073	1.1%
2026	294.7	0.9%	124.7	1.1%	196.1	1.0%	5.35	0.7%	15,235	2.0%	13,513	2.3%	108,331	1.2%
2027	297.2	0.9%	126.0	1.0%	198.0	0.9%	5.38	0.6%	15,536	2.0%	13,817	2.3%	109,638	1.2%
2028	299.7	0.8%	127.3	1.0%	199.8	0.9%	5.41	0.6%	15,839	2.0%	14,125	2.2%	110,993	1.2%
2029	302.2	0.8%	128.4	0.9%	201.7	1.0%	5.44	0.6%	16,145	1.9%	14,438	2.2%	112,406	1.3%
2030	304.7	0.8%	129.6	0.9%	203.7	1.0%	5.48	0.6%	16,454	1.9%	14,754	2.2%	113,870	1.3%
2031	307.0	0.7%	130.5	0.8%	205.3	0.8%	5.51	0.5%	16,752	1.8%	15,061	2.1%	115,370	1.3%
2032	309.2	0.7%	131.5	0.7%	207.1	0.9%	5.53	0.5%	17,052	1.8%	15,372	2.1%	116,911	1.3%
2033	311.4	0.7%	132.4	0.7%	208.8	0.8%	5.56	0.5%	17,355	1.8%	15,686	2.0%	118,486	1.3%
2034	313.6	0.7%	133.3	0.7%	210.4	0.8%	5.59	0.5%	17,662	1.8%	16,004	2.0%	120,088	1.4%
2035	315.8	0.7%	134.1	0.6%	212.0	0.8%	5.62	0.5%	17,971	1.8%	16,325	2.0%	121,722	1.4%
2036	317.7	0.6%	134.9	0.6%	213.5	0.7%	5.64	0.5%	18,270	1.7%	16,638	1.9%	123,375	1.4%
2037	319.7	0.6%	135.6	0.5%	214.9	0.7%	5.67	0.4%	18,573	1.7%	16,955	1.9%	125,045	1.4%
2038	321.6	0.6%	136.3	0.5%	216.4	0.7%	5.69	0.5%	18,878	1.6%	17,274	1.9%	126,733	1.3%
2039	323.5	0.6%	137.0	0.5%	217.9	0.7%	5.72	0.5%	19,185	1.6%	17,596	1.9%	128,437	1.3%
2040	325.3	0.6%	137.7	0.5%	219.4	0.7%	5.74	0.4%	19,496	1.6%	17,921	1.8%	130,146	1.3%
2041	327.1	0.5%	138.4	0.5%	220.7	0.6%	5.77	0.4%	19,802	1.6%	18,242	1.8%	131,834	1.3%
2042	328.9	0.5%	139.1	0.5%	222.1	0.6%	5.79	0.4%	20,110	1.6%	18,566	1.8%	133,490	1.3%
Average Percent Change														
2012-2022		1.1%		1.3%		1.9%		0.7%		2.8%		3.0%		1.7%
2023-2032		0.9%		1.0%		1.0%		0.6%		2.0%		2.2%		1.2%
2033-2042		0.6%		0.6%		0.7%		0.5%		1.7%		1.9%		1.3%



Ocala

FMPA 2023 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	2013	1,238,467	-	1,253,547	-	1.2%	234.4	-	228.9	-	-2.4%	275.8	-	280.7	-	1.8%
	2014	1,263,334	2.0%	1,279,928	2.1%	1.3%	253.2	8.0%	258.3	12.8%	2.0%	285.1	3.4%	288.1	2.6%	1.0%
	2015	1,294,771	2.5%	1,282,022	0.2%	-1.0%	275.5	8.8%	254.9	-1.3%	-7.4%	286.6	0.5%	296.5	2.9%	3.5%
	2016	1,336,499	3.2%	1,312,761	2.4%	-1.8%	236.1	-14.3%	262.4	2.9%	11.2%	289.3	0.9%	284.7	-4.0%	-1.6%
	2017	1,296,410	-3.0%	1,314,296	0.1%	1.4%	209.9	-11.1%	218.4	-16.8%	4.0%	288.1	-0.4%	302.6	6.3%	5.0%
	2018	1,328,133	2.4%	1,292,980	-1.6%	-2.6%	291.6	38.9%	285.1	30.6%	-2.2%	287.6	-0.2%	278.6	-7.9%	-3.1%
	2019	1,356,115	2.1%	1,314,157	1.6%	-3.1%	217.6	-25.4%	272.9	-4.3%	25.5%	303.7	5.6%	301.6	8.3%	-0.7%
	2020	1,350,518	-0.4%	1,361,110	3.6%	0.8%	243.4	11.9%	260.8	-4.5%	7.1%	298.7	-1.6%	290.9	-3.6%	-2.6%
	2021	1,358,538	0.6%	1,353,024	-0.6%	-0.4%	262.6	7.9%	273.2	4.8%	4.0%	298.0	-0.3%	310.8	6.8%	4.3%
	2022	1,376,649	1.3%	1,378,999	1.9%	0.2%	264.8	0.9%	248.9	-8.9%	-6.0%	311.0	4.4%	288.2	-7.3%	-7.3%
Projected	2023	1,378,238	0.1%	1,378,238	-0.1%		270.9	2.3%	270.9	8.8%		302.4	-2.8%	302.4	4.9%	
	2024			1,383,787	0.4%				273.9	1.1%				302.4	0.0%	
	2025			1,380,403	-0.2%				272.0	-0.7%				303.3	0.3%	
	2026			1,386,898	0.5%				273.6	0.6%				304.9	0.5%	
	2027			1,395,159	0.6%				275.5	0.7%				306.7	0.6%	
	2028			1,409,509	1.0%				279.8	1.6%				308.5	0.6%	
	2029			1,411,813	0.2%				279.7	-0.1%				310.2	0.6%	
	2030			1,420,202	0.6%				281.8	0.8%				312.0	0.6%	
	2031			1,428,384	0.6%				284.1	0.8%				313.7	0.5%	
	2032			1,442,094	1.0%				288.7	1.6%				315.3	0.5%	
	2033			1,442,577	0.0%				288.4	-0.1%				316.6	0.4%	
	2034			1,450,595	0.6%				290.4	0.7%				318.3	0.5%	
	2035			1,459,858	0.6%				292.4	0.7%				320.2	0.6%	
	2036			1,476,125	1.1%				296.8	1.5%				322.3	0.6%	
	2037			1,479,393	0.2%				296.2	-0.2%				324.4	0.6%	
	2038			1,489,061	0.7%				298.1	0.6%				326.5	0.7%	
	2039			1,497,937	0.6%				300.2	0.7%				328.4	0.6%	
	2040			1,512,798	1.0%				304.7	1.5%				330.2	0.5%	
	2041			1,514,089	0.1%				304.2	-0.2%				331.8	0.5%	
	2042			1,522,193	0.5%				306.2	0.7%				333.6	0.5%	
CAGR ^[3]	2013-2022		1.2%		1.1%			1.4%		0.9%			1.3%		0.3%	
	2023-2032				0.5%					0.7%					0.5%	
	2033-2042				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

FMPA 2023 Load Forecast - Base Case

Ocala

2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	1,238,467	-	1,238,467	-	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	232.8	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	269.4	303.7	217.6	303.7	217.6	303.7
	2020	1,350,518	-0.4%	1,350,518	-0.4%	246.6	302.7	260.3	302.7	243.4	298.7	243.4	298.7
	2021	1,358,538	0.6%	1,358,538	0.6%	262.6	298.0	262.6	298.0	262.6	298.0	262.6	298.0
	2022	1,376,649	1.3%	1,378,188	1.4%	281.2	311.0	279.7	303.9	264.8	311.0	277.2	301.7
Projected	2023	1,378,238	0.1%	1,384,863	0.5%	275.0	304.3	281.0	305.2	270.9	302.4	278.5	303.0
	2024	1,383,787	0.4%	1,400,219	1.1%	278.0	304.3	285.3	307.2	273.9	302.4	282.7	305.0
	2025	1,380,403	-0.2%	1,404,099	0.3%	276.1	305.2	285.2	309.4	272.0	303.3	282.7	307.2
	2026	1,386,898	0.5%	1,413,317	0.7%	277.7	306.8	287.4	311.3	273.6	304.9	284.9	309.1
	2027	1,395,159	0.6%	1,422,248	0.6%	279.6	308.6	289.5	313.2	275.5	306.7	287.0	311.0
	2028	1,409,509	1.0%	1,437,646	1.1%	284.0	310.4	294.1	315.2	279.8	308.5	291.5	312.9
	2029	1,411,813	0.2%	1,440,492	0.2%	283.8	312.2	293.9	317.1	279.7	310.2	291.3	314.8
	2030	1,420,202	0.6%	1,449,616	0.6%	286.1	314.0	296.2	319.1	281.8	312.0	293.5	316.8
	2031	1,428,384	0.6%	1,458,792	0.6%	288.4	315.7	298.5	321.0	284.1	313.7	295.8	318.7
	2032	1,442,094	1.0%	1,473,879	1.0%	293.0	317.3	303.2	322.8	288.7	315.3	300.5	320.5
	2033	1,442,577	0.0%	1,475,922	0.1%	292.8	318.6	302.9	324.6	288.4	316.6	300.2	322.2
	2034	1,450,595	0.6%	1,483,587	0.5%	294.8	320.3	304.9	326.2	290.4	318.3	302.2	323.8
	2035	1,459,858	0.6%	1,491,037	0.5%	296.8	322.3	306.9	327.7	292.4	320.2	304.2	325.4
	2036	1,476,125	1.1%	1,504,742	0.9%	301.3	324.4	311.5	329.2	296.8	322.3	308.7	326.8
	2037	1,479,393	0.2%	1,504,692	0.0%	300.7	326.5	310.8	330.5	296.2	324.4	308.1	328.2
	2038	1,489,061	0.7%	1,511,344	0.4%	302.6	328.7	312.7	332.0	298.1	326.5	309.9	329.6
	2039	1,497,937	0.6%	1,518,290	0.5%	304.7	330.6	314.8	333.5	300.2	328.4	312.0	331.0
	2040	1,512,798	1.0%	1,532,763	1.0%	309.3	332.3	319.5	335.1	304.7	330.2	316.6	332.7
	2041	1,514,089	0.1%	1,536,280	0.2%	308.8	334.0	321.5	336.7	304.2	331.8	318.6	334.2
	2042	1,522,193	0.5%			310.8	335.7			306.2	333.6		
CAGR ^[1]	Historical		1.2%		1.2%	2.0%	1.3%	1.3%	1.0%	0.6%	1.1%	0.5%	0.6%
	1st 10 Prj Yrs		0.5%		0.6%	0.7%	0.5%	0.7%	0.6%	0.7%	0.5%	0.7%	0.6%
	2nd 10 Prj Yrs		0.6%		0.5%	0.7%	0.6%	0.7%	0.5%	0.7%	0.6%	0.7%	0.5%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	118,993	95,280	103,559	1,362,253	1,350,518
	2021	102,092	89,305	99,089	98,986	120,161	127,236	136,319	141,611	125,907	115,458	92,230	96,434	1,344,826	1,358,538
	2022	107,155	92,247	98,797	102,427	125,388	139,196	141,299	142,794	123,226	115,620	95,011	102,640	1,385,799	1,376,649
Projected	2023	107,256	94,244	101,410	100,150	120,836	132,403	138,599	142,860	127,209	113,919	95,524	102,791	1,377,202	1,378,238
	2024	107,497	100,445	101,468	100,200	120,948	132,100	138,851	142,955	127,090	114,112	95,566	102,853	1,384,085	1,383,787
	2025	107,650	94,624	101,481	100,362	121,126	132,322	139,299	143,442	127,565	114,582	95,909	103,326	1,381,688	1,380,403
	2026	108,216	95,094	101,894	100,812	121,693	132,958	140,005	144,178	128,231	115,209	96,427	103,989	1,388,707	1,386,898
	2027	108,923	95,720	102,495	101,431	122,474	133,745	140,814	145,000	128,932	115,858	96,959	104,683	1,397,032	1,395,159
	2028	109,639	102,421	103,079	102,021	123,221	134,508	141,619	145,840	129,661	116,528	97,505	105,409	1,411,451	1,409,509
	2029	110,383	97,012	103,665	102,611	123,972	135,265	142,415	146,671	130,376	117,182	98,033	106,141	1,413,726	1,411,813
	2030	111,136	97,680	104,244	103,196	124,727	136,025	143,220	147,516	131,103	117,850	98,566	106,907	1,422,170	1,420,202
	2031	111,922	98,365	104,809	103,759	125,454	136,740	143,967	148,292	131,753	118,450	99,032	107,615	1,430,158	1,428,384
	2032	112,651	105,263	105,309	104,262	126,121	137,387	144,648	149,007	132,349	119,011	99,466	108,315	1,443,790	1,442,094
Projected	2033	113,363	99,621	105,763	104,713	126,721	137,942	145,224	149,606	132,830	119,672	100,003	109,032	1,444,491	1,442,577
	2034	114,090	100,261	106,332	105,281	127,442	138,651	145,965	150,377	133,489	120,427	100,638	109,809	1,452,762	1,450,595
	2035	114,877	100,954	107,012	105,956	128,277	139,493	146,844	151,288	134,281	121,243	101,333	110,627	1,462,187	1,459,858
	2036	115,702	108,136	107,747	106,681	129,158	140,384	147,768	152,238	135,108	122,046	102,019	111,428	1,478,416	1,476,125
	2037	116,509	102,389	108,477	107,401	130,035	141,270	148,690	153,189	135,939	122,808	102,667	112,212	1,481,586	1,479,393
	2038	117,305	103,094	109,190	108,111	130,913	142,164	149,630	154,168	136,800	123,509	103,250	112,985	1,491,119	1,489,061
	2039	118,097	103,788	109,829	108,744	131,711	142,964	150,469	155,040	137,549	124,171	103,787	113,727	1,499,876	1,497,937
	2040	118,858	111,114	110,410	109,319	132,444	143,690	151,230	155,830	138,219	124,818	104,310	114,452	1,514,693	1,512,798
	2041	119,600	105,098	110,973	109,876	133,155	144,391	151,963	156,591	138,863	125,441	104,812	115,155	1,515,917	1,514,089
	2042	120,363	105,764	111,555	110,452	133,890	145,119	152,726	157,382	139,535	126,091	105,339	115,885	1,524,100	1,522,193

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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	7.3%	6.7%	7.7%	7.3%	8.4%	9.6%	10.1%	10.2%	9.3%	8.7%	7.0%	7.6%	100.0%
	2021	7.6%	6.6%	7.4%	7.4%	8.9%	9.5%	10.1%	10.5%	9.4%	8.6%	6.9%	7.2%	100.0%
	2022	7.7%	6.7%	7.1%	7.4%	9.0%	10.0%	10.2%	10.3%	8.9%	8.3%	6.9%	7.4%	100.0%
Projected	2023	7.8%	6.8%	7.4%	7.3%	8.8%	9.6%	10.1%	10.4%	9.2%	8.3%	6.9%	7.5%	100.0%
	2024	7.8%	7.3%	7.3%	7.2%	8.7%	9.5%	10.0%	10.3%	9.2%	8.2%	6.9%	7.4%	100.0%
	2025	7.8%	6.8%	7.3%	7.3%	8.8%	9.6%	10.1%	10.4%	9.2%	8.3%	6.9%	7.5%	100.0%
	2026	7.8%	6.8%	7.3%	7.3%	8.8%	9.6%	10.1%	10.4%	9.2%	8.3%	6.9%	7.5%	100.0%
	2027	7.8%	6.9%	7.3%	7.3%	8.8%	9.6%	10.1%	10.4%	9.2%	8.3%	6.9%	7.5%	100.0%
	2028	7.8%	7.3%	7.3%	7.2%	8.7%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.5%	100.0%
	2029	7.8%	6.9%	7.3%	7.3%	8.8%	9.6%	10.1%	10.4%	9.2%	8.3%	6.9%	7.5%	100.0%
	2030	7.8%	6.9%	7.3%	7.3%	8.8%	9.6%	10.1%	10.4%	9.2%	8.3%	6.9%	7.5%	100.0%
	2031	7.8%	6.9%	7.3%	7.3%	8.8%	9.6%	10.1%	10.4%	9.2%	8.3%	6.9%	7.5%	100.0%
	2032	7.8%	7.3%	7.3%	7.2%	8.7%	9.5%	10.0%	10.3%	9.2%	8.2%	6.9%	7.5%	100.0%
Avg.	2013-2022	7.7%	6.7%	7.2%	7.4%	8.8%	9.6%	10.0%	10.3%	9.3%	8.5%	7.0%	7.3%	100.0%
	2023-2032	7.8%	7.0%	7.3%	7.3%	8.8%	9.6%	10.1%	10.4%	9.2%	8.3%	6.9%	7.5%	100.0%

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

FMPA 2023 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	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	257.6	214.7	235.4	246.6	302.7
	2021	241.6	262.6	222.4	235.9	276.9	281.3	289.5	298.0	267.2	260.6	190.4	181.7	262.6	298.0
	2022	281.2	236.9	222.3	233.5	273.2	311.0	293.6	305.1	296.5	263.1	232.4	206.1	281.2	311.0
Projected	2023	275.0	247.5	214.5	238.6	276.2	297.6	291.8	304.3	285.1	258.6	235.0	208.3	275.0	304.3
	2024	278.0	250.3	216.9	238.7	276.3	297.6	291.7	304.3	285.0	258.7	233.5	207.0	278.0	304.3
	2025	276.1	248.6	215.5	239.5	277.3	298.5	292.6	305.2	285.9	259.6	234.8	208.1	276.1	305.2
	2026	277.7	250.0	216.8	240.9	278.9	300.0	294.1	306.8	287.3	261.1	236.6	209.6	277.7	306.8
	2027	279.6	251.8	218.4	242.5	280.8	301.8	295.8	308.6	289.0	262.8	240.4	212.9	279.6	308.6
	2028	284.0	255.7	221.9	244.1	282.7	303.5	297.5	310.4	290.6	264.5	240.4	212.8	284.0	310.4
	2029	283.8	255.6	221.9	245.7	284.6	305.3	299.2	312.2	292.3	266.3	242.4	214.5	283.8	312.2
	2030	286.1	257.6	223.8	247.4	286.6	307.0	300.9	314.0	294.0	268.2	244.5	216.2	286.1	314.0
	2031	288.4	259.7	225.8	249.1	288.6	308.7	302.5	315.7	295.5	269.9	248.6	219.7	288.4	315.7
	2032	293.0	263.8	229.6	250.7	290.4	310.2	304.0	317.3	296.9	271.6	248.7	219.6	293.0	317.3
Projected	2033	292.8	263.6	229.6	252.1	292.1	311.5	305.2	318.6	298.1	273.5	250.6	221.1	292.8	318.6
	2034	294.8	265.4	231.5	253.7	294.0	313.1	306.9	320.3	299.7	275.4	252.6	222.6	294.8	320.3
	2035	296.8	267.2	233.3	255.5	296.0	315.1	308.8	322.3	301.5	277.4	256.7	226.0	296.8	322.3
	2036	301.3	271.3	237.1	257.3	298.1	317.1	310.8	324.4	303.5	279.4	256.6	225.6	301.3	324.4
	2037	300.7	270.8	237.1	259.1	300.2	319.2	312.8	326.5	305.5	281.4	258.6	227.1	300.7	326.5
	2038	302.6	272.5	238.9	261.0	302.4	321.3	314.9	328.7	307.5	283.2	260.6	228.6	302.6	328.7
	2039	304.7	274.4	240.9	262.8	304.4	323.1	316.7	330.6	309.3	285.1	264.8	232.1	304.7	330.6
	2040	309.3	278.6	244.8	264.5	306.3	324.8	318.3	332.3	310.9	286.9	264.7	231.8	309.3	332.3
	2041	308.8	278.1	244.7	266.1	308.2	326.5	319.9	334.0	312.4	288.6	266.7	233.3	308.8	334.0
	2042	310.8	279.9	246.5	267.8	310.2	328.2	321.6	335.7	314.0	290.4	268.7	234.8	310.8	335.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	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%	62.1%	61.6%	59.1%	63.1%	50.9%
	2021	56.8%	50.6%	59.9%	58.3%	58.3%	62.8%	63.3%	63.9%	65.4%	59.5%	67.3%	71.3%	58.5%	52.1%
	2022	51.2%	57.9%	59.7%	60.9%	61.7%	62.2%	64.7%	62.9%	57.7%	59.1%	56.8%	66.9%	56.2%	50.5%
Projected	2023	52.4%	56.7%	63.5%	58.3%	58.8%	61.8%	63.8%	63.1%	62.0%	59.2%	56.5%	66.3%	57.2%	51.7%
	2024	52.0%	57.7%	62.9%	58.3%	58.8%	61.7%	64.0%	63.1%	61.9%	59.3%	56.8%	66.8%	56.8%	51.9%
	2025	52.4%	56.6%	63.3%	58.2%	58.7%	61.6%	64.0%	63.2%	62.0%	59.3%	56.7%	66.7%	57.1%	51.6%
	2026	52.4%	56.6%	63.2%	58.1%	58.6%	61.6%	64.0%	63.2%	62.0%	59.3%	56.6%	66.7%	57.1%	51.6%
	2027	52.4%	56.6%	63.1%	58.1%	58.6%	61.6%	64.0%	63.2%	62.0%	59.3%	56.0%	66.1%	57.0%	51.6%
	2028	51.9%	57.5%	62.4%	58.1%	58.6%	61.6%	64.0%	63.1%	62.0%	59.2%	56.3%	66.6%	56.7%	51.8%
	2029	52.3%	56.5%	62.8%	58.0%	58.5%	61.5%	64.0%	63.1%	62.0%	59.1%	56.2%	66.5%	56.9%	51.6%
	2030	52.2%	56.4%	62.6%	57.9%	58.5%	61.5%	64.0%	63.1%	61.9%	59.1%	56.0%	66.5%	56.8%	51.6%
	2031	52.2%	56.4%	62.4%	57.9%	58.4%	61.5%	64.0%	63.1%	61.9%	59.0%	55.3%	65.8%	56.6%	51.6%
	2032	51.7%	57.3%	61.7%	57.8%	58.4%	61.5%	64.0%	63.1%	61.9%	58.9%	55.6%	66.3%	56.3%	51.9%
Avg.	2013-2022	55.7%	57.4%	61.0%	59.8%	59.7%	61.9%	62.9%	63.4%	61.9%	59.9%	60.6%	63.3%	58.6%	51.3%
	2023-2032	52.2%	56.8%	62.8%	58.1%	58.6%	61.6%	64.0%	63.1%	62.0%	59.2%	56.2%	66.4%	56.8%	51.7%

FMPA 2023 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	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	253.1	175.3	226.1	243.4	298.7
	2021	241.6	262.6	222.4	224.7	276.9	272.6	286.7	298.0	264.2	260.6	178.8	156.1	262.6	298.0
	2022	264.8	236.9	202.7	224.7	273.2	311.0	293.6	303.4	296.5	258.8	220.7	195.8	264.8	311.0
Projected	2023	270.9	246.0	206.2	233.6	272.1	292.4	286.0	302.4	279.4	254.4	223.2	197.9	270.9	302.4
	2024	273.9	248.6	208.4	233.7	272.3	292.3	286.0	302.4	279.4	254.5	221.7	196.6	273.9	302.4
	2025	272.0	247.0	207.1	234.5	273.3	293.2	286.9	303.3	280.2	255.4	223.0	197.7	272.0	303.3
	2026	273.6	248.4	208.3	235.8	274.8	294.7	288.3	304.9	281.6	256.8	224.7	199.1	273.6	304.9
	2027	275.5	250.2	209.9	237.4	276.6	296.4	290.0	306.7	283.2	258.5	228.3	202.3	275.5	306.7
	2028	279.8	254.1	213.2	238.9	278.5	298.1	291.6	308.5	284.9	260.2	228.3	202.1	279.8	308.5
	2029	279.7	253.9	213.2	240.5	280.4	299.9	293.3	310.2	286.5	262.0	230.2	203.7	279.7	310.2
	2030	281.8	255.9	215.0	242.2	282.4	301.6	295.0	312.0	288.1	263.8	232.2	205.4	281.8	312.0
	2031	284.1	258.0	217.0	243.8	284.3	303.2	296.5	313.7	289.6	265.5	236.1	208.7	284.1	313.7
	2032	288.7	262.1	220.6	245.3	286.1	304.6	297.9	315.3	290.9	267.2	236.1	208.6	288.7	315.3
Projected	2033	288.4	261.9	220.7	246.7	287.8	305.9	299.1	316.6	292.1	269.0	238.0	210.0	288.4	316.6
	2034	290.4	263.7	222.4	248.3	289.6	307.5	300.7	318.3	293.6	270.9	239.9	211.4	290.4	318.3
	2035	292.4	265.5	224.2	250.0	291.6	309.4	302.5	320.2	295.4	272.8	243.8	214.7	292.4	320.2
	2036	296.8	269.6	227.9	251.8	293.7	311.4	304.5	322.3	297.4	274.8	243.6	214.3	296.8	322.3
	2037	296.2	269.1	227.8	253.6	295.7	313.4	306.5	324.4	299.3	276.7	245.5	215.7	296.2	324.4
	2038	298.1	270.8	229.6	255.5	297.8	315.5	308.5	326.5	301.3	278.5	247.5	217.2	298.1	326.5
	2039	300.2	272.6	231.4	257.2	299.9	317.3	310.3	328.4	303.0	280.3	251.5	220.5	300.2	328.4
	2040	304.7	276.8	235.2	258.8	301.8	319.0	311.9	330.2	304.5	282.1	251.3	220.1	304.7	330.2
	2041	304.2	276.3	235.1	260.4	303.6	320.5	313.4	331.8	306.1	283.8	253.2	221.6	304.2	331.8
	2042	306.2	278.1	236.9	262.1	305.5	322.2	315.0	333.6	307.6	285.6	255.1	223.1	306.2	333.6

Monthly Coincidence Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	98.2%	81.7%	96.0%	98.7%	98.7%
	2021	100.0%	100.0%	100.0%	95.2%	100.0%	96.9%	99.0%	100.0%	98.9%	100.0%	93.9%	85.9%	100.0%	100.0%
	2022	94.2%	100.0%	91.2%	96.2%	100.0%	100.0%	100.0%	99.4%	100.0%	98.4%	95.0%	95.0%	94.2%	100.0%
Projected	2023	98.5%	99.4%	96.1%	97.9%	98.5%	98.2%	98.0%	99.4%	98.0%	98.4%	95.0%	95.0%	98.5%	99.4%
	2024	98.5%	99.4%	96.1%	97.9%	98.5%	98.2%	98.0%	99.4%	98.0%	98.4%	95.0%	95.0%	98.5%	99.4%
	2025	98.5%	99.4%	96.1%	97.9%	98.5%	98.2%	98.0%	99.4%	98.0%	98.4%	95.0%	95.0%	98.5%	99.4%
	2026	98.5%	99.4%	96.1%	97.9%	98.5%	98.2%	98.0%	99.4%	98.0%	98.4%	95.0%	95.0%	98.5%	99.4%
	2027	98.5%	99.4%	96.1%	97.9%	98.5%	98.2%	98.0%	99.4%	98.0%	98.4%	95.0%	95.0%	98.5%	99.4%
	2028	98.5%	99.4%	96.1%	97.9%	98.5%	98.2%	98.0%	99.4%	98.0%	98.4%	95.0%	95.0%	98.5%	99.4%
	2029	98.5%	99.4%	96.1%	97.9%	98.5%	98.2%	98.0%	99.4%	98.0%	98.4%	95.0%	95.0%	98.5%	99.4%
	2030	98.5%	99.4%	96.1%	97.9%	98.5%	98.2%	98.0%	99.4%	98.0%	98.4%	95.0%	95.0%	98.5%	99.4%
	2031	98.5%	99.4%	96.1%	97.9%	98.5%	98.2%	98.0%	99.4%	98.0%	98.4%	95.0%	95.0%	98.5%	99.4%
	2032	98.5%	99.4%	96.1%	97.9%	98.5%	98.2%	98.0%	99.4%	98.0%	98.4%	95.0%	95.0%	98.5%	99.4%
2013-2022		98.5%	99.4%	96.1%	97.9%	98.5%	98.3%	98.0%	99.5%	98.0%	98.3%	96.5%	94.5%	96.0%	99.6%
2023-2032		98.5%	99.4%	96.1%	97.9%	98.5%	98.2%	98.0%	99.4%	98.0%	98.4%	95.0%	95.0%	98.5%	99.4%

FMPA 2023 Load Forecast - Base Case - Ocala

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV)
(Fiscal Year 2013-2042)

		Fiscal Year	Residential						General Service Non-Demand						Industrial						Lights		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	Sales (MWh)	% Chg	(MWh)	% Chg	(MWh)	(%)	(MWh)	% Chg
Historical	2013	478,340		40,173		11,907		158,730		7,165		22.2		533,600		1,000		534		12,775		13,192		1,196,637		41,830	3.4%	1,238,467		
	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%	
	2021	553,757	0.1%	43,501	1.1%	12,730	-1.0%	167,457	-0.4%	7,848	0.7%	21.3	-1.1%	554,084	1.3%	948	2.4%	585	-1.1%	13,328	2.0%	24,559	0.2%	1,313,185	0.6%	45,353	3.3%	1,358,538	0.6%	
	2022	558,267	0.8%	43,860	0.8%	12,728	0.0%	172,731	3.1%	7,932	1.1%	21.8	2.1%	569,762	2.8%	946	-0.2%	602	3.0%	13,488	1.2%	25,449	3.6%	1,339,697	2.0%	36,952	2.7%	1,376,649	1.3%	
Projected	2023	554,244	-0.7%	44,356	1.1%	12,495	-1.8%	174,188	0.8%	7,987	0.7%	21.8	0.1%	564,311	-1.0%	955	1.0%	591	-1.9%	13,488	0.0%	23,969	-5.8%	1,330,200	-0.7%	49,669	3.6%	1,379,870	0.2%	
	2024	553,971	0.0%	44,750	0.9%	12,379	-0.9%	176,192	1.2%	8,046	0.7%	21.9	0.4%	567,201	0.5%	970	1.6%	585	-1.0%	13,488	0.0%	23,980	0.0%	1,334,832	0.3%	51,981	3.7%	1,386,813	0.5%	
	2025	555,519	0.3%	45,125	0.8%	12,311	-0.6%	178,473	1.3%	8,098	0.6%	22.0	0.6%	567,351	0.0%	985	1.5%	576	-1.5%	13,488	0.0%	24,035	0.2%	1,338,866	0.3%	46,165	3.3%	1,385,031	-0.1%	
	2026	559,289	0.7%	45,476	0.8%	12,298	-0.1%	180,730	1.3%	8,149	0.6%	22.2	0.6%	569,199	0.3%	1,000	1.5%	569	-1.1%	13,488	0.0%	24,211	0.7%	1,346,917	0.6%	46,446	3.3%	1,393,363	0.6%	
	2027	562,016	0.5%	45,797	0.7%	12,272	-0.2%	182,831	1.2%	8,195	0.6%	22.3	0.6%	574,283	0.9%	1,013	1.4%	567	-0.5%	13,488	0.0%	24,383	0.7%	1,357,002	0.7%	46,809	3.3%	1,403,811	0.7%	
	2028	565,350	0.6%	46,107	0.7%	12,262	-0.1%	184,933	1.1%	8,240	0.5%	22.4	0.6%	579,186	0.9%	1,027	1.3%	564	-0.5%	13,488	0.0%	24,555	0.7%	1,367,511	0.8%	53,254	3.7%	1,420,766	1.2%	
	2029	568,946	0.6%	46,407	0.7%	12,260	0.0%	187,072	1.2%	8,284	0.5%	22.6	0.6%	584,285	0.9%	1,041	1.3%	562	-0.4%	13,488	0.0%	24,726	0.7%	1,378,517	0.8%	47,560	3.3%	1,426,077	0.4%	
	2030	572,943	0.7%	46,697	0.6%	12,269	0.1%	189,267	1.2%	8,328	0.5%	22.7	0.6%	589,447	0.9%	1,054	1.3%	559	-0.4%	13,488	0.0%	24,898	0.7%	1,390,043	0.8%	47,962	3.3%	1,438,006	0.8%	
	2031	577,381	0.8%	46,968	0.6%	12,293	0.2%	191,431	1.1%	8,370	0.5%	22.9	0.6%	594,467	0.9%	1,067	1.3%	557	-0.4%	13,488	0.0%	25,068	0.7%	1,401,835	0.8%	48,370	3.3%	1,450,205	0.8%	
	2032	581,774	0.8%	47,216	0.5%	12,322	0.2%	193,557	1.1%	8,411	0.5%	23.0	0.6%	599,303	0.8%	1,080	1.2%	555	-0.4%	13,488	0.0%	25,232	0.7%	1,413,355	0.8%	55,050	3.7%	1,468,405	1.3%	
	2033	585,963	0.7%	47,456	0.5%	12,348	0.2%	195,684	1.1%	8,451	0.5%	23.2	0.6%	604,076	0.8%	1,093	1.2%	553	-0.4%	13,488	0.0%	25,397	0.7%	1,424,609	0.8%	49,157	3.3%	1,473,766	0.4%	
	2034	589,874	0.7%	47,690	0.5%	12,369	0.2%	197,772	1.1%	8,489	0.4%	23.3	0.6%	608,652	0.8%	1,106	1.2%	551	-0.4%	13,488	0.0%	25,561	0.6%	1,435,348	0.8%	49,529	3.3%	1,484,877	0.8%	
	2035	593,978	0.7%	47,922	0.5%	12,395	0.2%	199,867	1.1%	8,526	0.4%	23.4	0.6%	613,139	0.7%	1,118	1.2%	548	-0.4%	13,488	0.0%	25,726	0.6%	1,446,198	0.8%	49,908	3.3%	1,496,105	0.8%	
	2036	598,197	0.7%	48,145	0.5%	12,425	0.2%	201,984	1.1%	8,562	0.4%	23.6	0.6%	617,558	0.7%	1,131	1.1%	546	-0.4%	13,488	0.0%	25,890	0.6%	1,457,117	0.8%	56,765	3.7%	1,513,882	1.2%	
	2037	602,402	0.7%	48,357	0.4%	12,457	0.3%	204,057	1.0%	8,596	0.4%	23.7	0.6%	621,798	0.7%	1,144	1.1%	544	-0.4%	13,488	0.0%	26,051	0.6%	1,467,796	0.7%	50,659	3.3%	1,518,455	0.3%	
	2038	607,016	0.8%	48,568	0.4%	12,498	0.3%	206,130	1.0%	8,630	0.4%	23.9	0.6%	625,965	0.7%	1,156	1.1%	541	-0.4%	13,488	0.0%	26,213	0.6%	1,478,813	0.8%	51,046	3.3%	1,529,859	0.8%	
	2039	612,011	0.8%	48,777	0.4%	12,547	0.4%	208,144	1.0%	8,663	0.4%	24.0	0.6%	630,114	0.7%	1,169	1.1%	539	-0.4%	13,488	0.0%	26,375	0.6%	1,490,132	0.8%	51,442	3.3%	1,541,574	0.8%	
	2040	616,941	0.8%	48,984	0.4%	12,595	0.4%	210,122	1.0%	8,695	0.4%	24.2	0.6%	634,228	0.7%	1,181	1.1%	537	-0.4%	13,488	0.0%	26,536	0.6%	1,501,315	0.8%	58,506	3.8%	1,559,821	1.2%	
2041	621,703	0.8%	49,189	0.4%	12,639	0.4%	212,042	0.9%	8,727	0.4%	24.3	0.5%	638,239	0.6%	1,194	1.1%	535	-0.4%	13,488	0.0%	26,697	0.6%	1,512,169	0.7%	52,207	3.3%	1,564,376	0.3%		
2042	626,590	0.8%	49,394	0.4%	12,686	0.4%	213,994	0.9%	8,759	0.4%	24.4	0.6%	642,297	0.6%	1,207	1.1%	532	-0.4%	13,488	0.0%	26,858	0.6%	1,523,227	0.7%	52,595	3.3%	1,575,822	0.7%		
CAGR	2013-2022		1.7%		1.0%		0.7%		0.9%		1.1%		-0.2%		0.7%		-0.6%		1.4%		0.6%	7.6%		1.3%		3.3%		1.2%		
	2023-2032		0.5%		0.7%		-0.2%		1.2%		0.6%		0.6%		0.7%		1.4%		-0.7%		0.0%	0.6%		0.7%		3.5%		0.7%		
	2033-2042		0.7%		0.4%		0.3%		1.0%		0.4%		0.6%		0.7%		1.1%		-0.4%		0.0%	0.6%		0.7%		3.4%		0.7%		

CAGR - Compound Average Growth Rate.

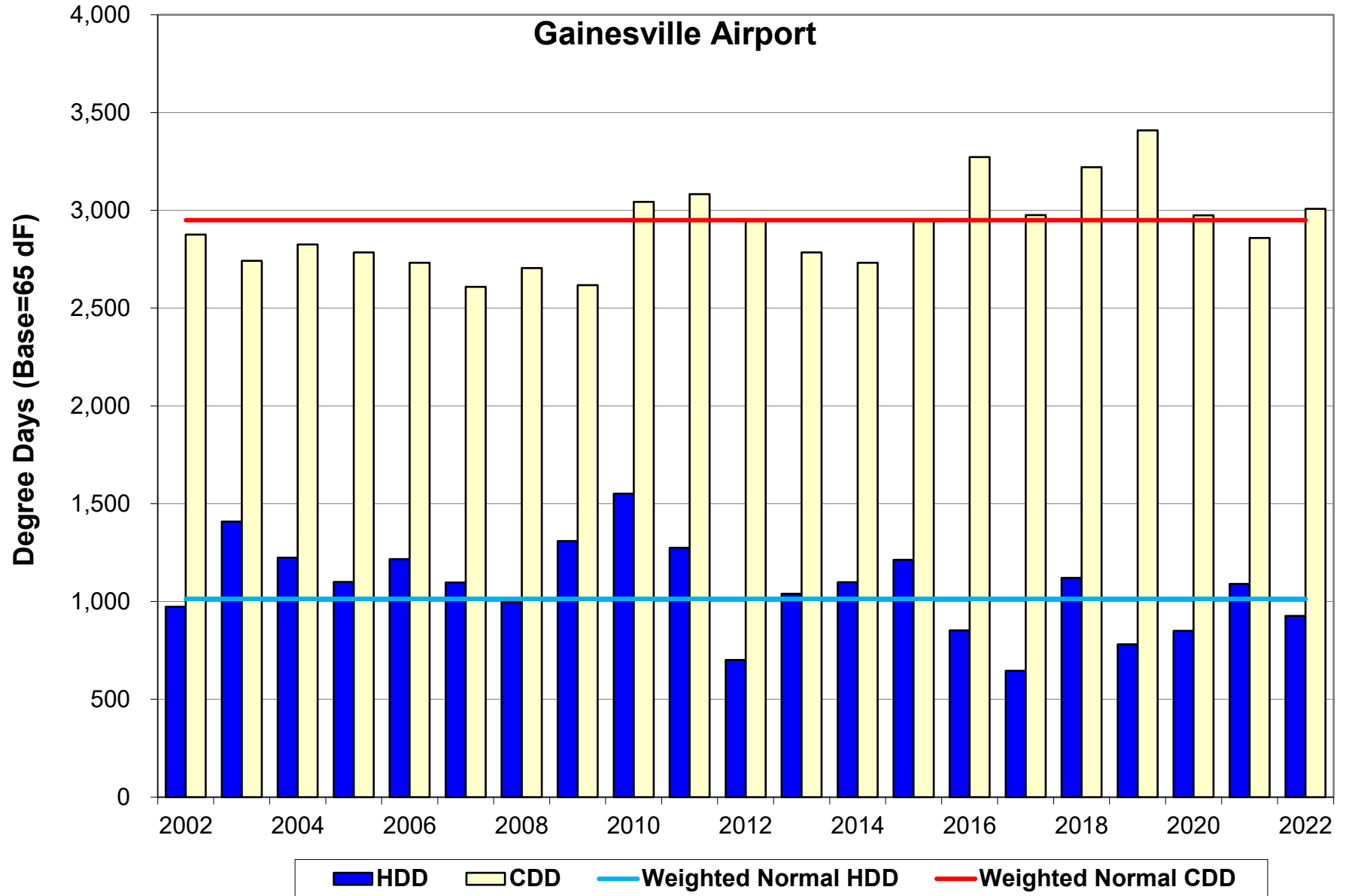
FMPA 2023 Load Forecast

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
2002	271.7	-	113.7	-	114.4	-	9.57	-	6,949	-	8,163	-	71,775	-
2003	280.1	3.1%	117.7	3.5%	119.8	4.7%	9.61	0.4%	7,396	6.4%	8,511	4.3%	72,299	0.7%
2004	291.2	4.0%	121.5	3.2%	126.0	5.2%	9.90	3.1%	7,890	6.7%	9,047	6.3%	74,484	3.0%
2005	303.6	4.3%	126.4	4.1%	134.6	6.8%	10.24	3.4%	8,538	8.2%	9,813	8.5%	77,626	4.2%
2006	316.3	4.2%	131.2	3.8%	143.1	6.3%	10.52	2.7%	9,193	7.7%	10,584	7.9%	80,668	3.9%
2007	325.6	2.9%	135.5	3.2%	145.9	1.9%	10.11	-3.9%	9,449	2.8%	10,825	2.3%	79,906	-0.9%
2008	330.1	1.4%	136.5	0.7%	140.8	-3.5%	8.74	-13.5%	9,177	-2.9%	10,658	-1.5%	78,097	-2.3%
2009	330.9	0.3%	136.1	-0.3%	131.5	-6.6%	7.05	-19.3%	8,548	-6.9%	10,388	-2.5%	76,323	-2.3%
2010	331.3	0.1%	137.8	1.2%	128.6	-2.2%	6.80	-3.6%	8,283	-3.1%	10,587	1.9%	76,837	0.7%
2011	332.7	0.4%	139.3	1.1%	129.8	1.0%	6.85	0.8%	8,102	-2.2%	10,786	1.9%	77,443	0.8%
2012	334.7	0.6%	141.6	1.7%	132.0	1.7%	7.21	5.2%	7,899	-2.5%	10,753	-0.3%	75,936	-1.9%
2013	336.4	0.5%	144.0	1.7%	134.6	2.0%	7.51	4.1%	8,059	2.0%	10,477	-2.6%	72,760	-4.2%
2014	339.7	1.0%	145.8	1.3%	138.7	3.0%	7.80	3.9%	8,108	0.6%	10,797	3.1%	74,045	1.8%
2015	344.3	1.4%	148.2	1.6%	142.0	2.4%	8.15	4.5%	8,479	4.6%	11,223	3.9%	75,736	2.3%
2016	350.3	1.7%	150.4	1.5%	146.4	3.1%	8.49	4.2%	9,122	7.6%	11,681	4.1%	77,682	2.6%
2017	356.7	1.8%	151.8	0.9%	150.2	2.6%	8.74	2.9%	9,268	1.6%	12,163	4.1%	80,139	3.2%
2018	362.7	1.7%	154.5	1.8%	155.5	3.5%	9.19	5.1%	9,536	2.9%	12,450	2.4%	80,598	0.6%
2019	369.5	1.9%	156.5	1.3%	157.6	1.4%	9.82	6.8%	9,888	3.7%	12,903	3.6%	82,447	2.3%
2020	377.4	2.1%	156.9	0.2%	154.9	-1.7%	10.04	2.3%	10,226	3.4%	13,954	8.1%	88,950	7.9%
2021	383.9	1.7%	162.0	3.3%	160.5	3.6%	10.03	-0.1%	10,472	2.4%	13,724	-1.6%	84,691	-4.8%
2022	389.0	1.3%	165.0	1.8%	164.0	2.1%	10.01	-0.2%	10,640	1.6%	14,142	3.0%	85,686	1.2%
2023	394.2	1.3%	167.9	1.8%	167.4	2.1%	10.00	-0.2%	10,808	1.6%	14,567	3.0%	86,742	1.2%
2024	399.3	1.3%	170.7	1.7%	170.2	1.7%	10.02	0.3%	11,112	2.8%	15,009	3.0%	87,910	1.3%
2025	404.5	1.3%	173.4	1.6%	173.1	1.7%	10.06	0.3%	11,420	2.8%	15,460	3.0%	89,135	1.4%
2026	409.2	1.2%	175.9	1.4%	175.7	1.5%	10.07	0.1%	11,719	2.6%	15,900	2.8%	90,408	1.4%
2027	414.0	1.2%	178.2	1.3%	178.3	1.5%	10.08	0.1%	12,022	2.6%	16,349	2.8%	91,725	1.5%
2028	418.7	1.2%	180.6	1.3%	180.8	1.4%	10.10	0.1%	12,331	2.6%	16,807	2.8%	93,086	1.5%
2029	423.5	1.1%	182.8	1.3%	183.5	1.4%	10.11	0.2%	12,645	2.5%	17,276	2.8%	94,499	1.5%
2030	428.3	1.1%	185.0	1.2%	186.1	1.4%	10.13	0.1%	12,963	2.5%	17,754	2.8%	95,957	1.5%
2031	432.7	1.0%	187.0	1.1%	188.5	1.3%	10.13	0.1%	13,272	2.4%	18,221	2.6%	97,452	1.6%
2032	437.1	1.0%	188.9	1.0%	191.0	1.3%	10.14	0.0%	13,586	2.4%	18,698	2.6%	98,986	1.6%
2033	441.5	1.0%	190.8	1.0%	193.4	1.2%	10.14	0.1%	13,905	2.3%	19,183	2.6%	100,554	1.6%
2034	446.0	1.0%	192.6	1.0%	195.7	1.2%	10.15	0.1%	14,228	2.3%	19,679	2.6%	102,152	1.6%
2035	450.4	1.0%	194.5	1.0%	198.0	1.2%	10.15	0.1%	14,557	2.3%	20,185	2.6%	103,781	1.6%
2036	454.6	0.9%	196.2	0.9%	200.3	1.1%	10.15	0.0%	14,881	2.2%	20,688	2.5%	105,434	1.6%
2037	458.9	0.9%	197.9	0.9%	202.5	1.1%	10.15	0.0%	15,210	2.2%	21,202	2.5%	107,107	1.6%
2038	463.1	0.9%	199.7	0.9%	204.7	1.1%	10.15	0.0%	15,543	2.2%	21,725	2.5%	108,803	1.6%
2039	467.4	0.9%	201.4	0.9%	206.8	1.1%	10.15	0.0%	15,880	2.2%	22,259	2.5%	110,522	1.6%
2040	471.8	0.9%	203.1	0.9%	209.0	1.0%	10.15	0.0%	16,223	2.2%	22,801	2.4%	112,254	1.6%
2041	475.9	0.9%	204.8	0.8%	211.1	1.0%	10.15	0.0%	16,562	2.1%	23,343	2.4%	113,977	1.5%
2042	480.1	0.9%	206.5	0.9%	213.1	1.0%	10.15	0.0%	16,906	2.1%	23,894	2.4%	115,684	1.5%
Average Percent Change														
2012-2022		1.5%	1.5%		2.2%		3.3%		3.0%		2.8%		1.2%	
2023-2032		1.2%	1.3%		1.5%		0.2%		2.6%		2.8%		1.5%	
2033-2042		0.9%	0.9%		1.1%		0.0%		2.2%		2.5%		1.6%	



Starke

FMPA 2023 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	Year															
	2013	68,678	-	69,594	-	1.3%	12.7	-	13.0	-	2.1%	15.1	-	15.3		1.4%
	2014	69,954	1.9%	70,857	1.8%	1.3%	13.7	7.9%	14.3	10.2%	4.3%	15.2	1.1%	15.5	1.1%	1.4%
	2015	71,692	2.5%	70,864	0.0%	-1.2%	15.2	10.7%	15.2	6.6%	0.4%	15.6	2.0%	16.4	6.0%	5.4%
	2016	73,334	2.3%	71,962	1.5%	-1.9%	12.5	-17.9%	14.5	-4.7%	16.5%	15.5	-0.5%	15.4	-6.3%	-0.7%
	2017	70,003	-4.5%	71,315	-0.9%	1.9%	11.4	-8.4%	11.7	-19.4%	2.5%	14.1	-8.9%	15.0	-2.1%	6.6%
	2018	71,738	2.5%	69,543	-2.5%	-3.1%	16.4	44.1%	15.7	34.7%	-4.2%	15.2	7.7%	14.8	-1.4%	-2.4%
	2019	71,042	-1.0%	68,930	-0.9%	-3.0%	11.0	-32.9%	14.5	-7.7%	31.7%	14.7	-3.6%	14.9	0.2%	1.3%
	2020	68,514	-3.6%	69,183	0.4%	1.0%	11.3	2.7%	14.3	-1.7%	26.0%	14.1	-4.0%	15.1	2.0%	7.6%
	2021	67,327	-1.7%	66,461	-3.9%	-1.3%	13.3	17.6%	13.9	-2.9%	4.0%	14.6	3.4%	15.2	0.6%	4.6%
	2022	67,956	0.9%	68,006	2.3%	0.1%	14.6	9.6%	13.8	-0.7%	-5.7%	14.7	0.7%	14.1	-7.5%	-3.9%
Projected	2023	68,549	0.9%	68,549	0.8%		13.5	-7.6%	13.5	-2.0%		14.6	-0.2%	14.6	3.8%	
	2024			69,075	0.8%				13.6	0.4%				14.7	0.7%	
	2025			69,288	0.3%				13.7	1.0%				14.8	0.3%	
	2026			69,265	0.0%				13.7	0.1%				14.8	-0.2%	
	2027			69,172	-0.1%				13.7	-0.1%				14.8	-0.1%	
	2028			69,254	0.1%				13.6	-0.4%				14.8	0.0%	
	2029			69,156	-0.1%				13.7	0.5%				14.8	0.0%	
	2030			69,186	0.0%				13.7	0.1%				14.8	0.1%	
	2031			69,225	0.1%				13.7	0.2%				14.8	0.0%	
	2032			69,356	0.2%				13.7	-0.3%				14.8	0.0%	
	2033			69,284	-0.1%				13.8	0.6%				14.8	0.0%	
	2034			69,386	0.1%				13.8	0.2%				14.8	0.1%	
	2035			69,453	0.1%				13.8	0.1%				14.8	0.1%	
	2036			69,603	0.2%				13.8	-0.3%				14.8	0.0%	
	2037			69,522	-0.1%				13.8	0.4%				14.8	0.0%	
	2038			69,583	0.1%				13.8	0.1%				14.8	0.1%	
	2039			69,671	0.1%				13.9	0.2%				14.9	0.1%	
	2040			69,849	0.3%				13.8	-0.2%				14.9	0.1%	
	2041			69,834	0.0%				13.9	0.6%				14.9	0.1%	
	2042			69,904	0.1%				13.9	0.2%				14.9	0.1%	
CAGR ^[3]	2013-2022		-0.1%		-0.3%			1.6%		0.7%			-0.3%		-0.9%	
	2023-2032				0.1%					0.2%					0.1%	
	2033-2042				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 2023 Load Forecast - Base Case

Starke

2023 v. 2022 (Base Case) Forecast Results Comparison (Net 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	2013	68,678	-	68,678	-	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%	68,514	-3.6%	13.2	14.8	13.2	14.8	11.3	14.1	11.3	14.1
	2021	67,327	-1.7%	67,327	-1.7%	13.3	14.6	13.3	14.6	13.3	14.6	13.3	14.6
	2022	67,956	0.9%	67,768	0.7%	14.6	15.2	14.0	14.8	14.6	14.7	13.5	14.4
Projected	2023	68,549	0.9%	68,451	1.0%	13.9	14.9	14.1	14.9	13.5	14.6	13.7	14.5
	2024	69,075	0.8%	69,154	1.0%	14.0	15.1	14.2	15.1	13.6	14.7	13.8	14.6
	2025	69,288	0.3%	69,414	0.4%	14.1	15.1	14.4	15.1	13.7	14.8	13.9	14.7
	2026	69,265	0.0%	69,676	0.4%	14.2	15.1	14.4	15.2	13.7	14.8	14.0	14.7
	2027	69,172	-0.1%	69,896	0.3%	14.1	15.1	14.5	15.2	13.7	14.8	14.0	14.8
	2028	69,254	0.1%	70,191	0.4%	14.1	15.1	14.5	15.3	13.6	14.8	14.0	14.8
	2029	69,156	-0.1%	70,201	0.0%	14.1	15.1	14.5	15.3	13.7	14.8	14.1	14.8
	2030	69,186	0.0%	70,291	0.1%	14.2	15.1	14.6	15.3	13.7	14.8	14.1	14.8
	2031	69,225	0.1%	70,375	0.1%	14.2	15.1	14.6	15.3	13.7	14.8	14.1	14.9
	2032	69,356	0.2%	70,547	0.2%	14.1	15.1	14.6	15.3	13.7	14.8	14.1	14.9
	2033	69,284	-0.1%	70,504	-0.1%	14.2	15.1	14.6	15.3	13.8	14.8	14.2	14.9
	2034	69,386	0.1%	70,606	0.1%	14.2	15.1	14.7	15.4	13.8	14.8	14.2	14.9
	2035	69,453	0.1%	70,651	0.1%	14.3	15.1	14.7	15.4	13.8	14.8	14.2	14.9
	2036	69,603	0.2%	70,775	0.2%	14.2	15.1	14.6	15.4	13.8	14.8	14.2	14.9
	2037	69,522	-0.1%	70,654	-0.2%	14.3	15.1	14.7	15.4	13.8	14.8	14.2	14.9
	2038	69,583	0.1%	70,669	0.0%	14.3	15.2	14.7	15.4	13.8	14.8	14.2	14.9
	2039	69,671	0.1%	70,719	0.1%	14.3	15.2	14.7	15.4	13.9	14.9	14.3	14.9
	2040	69,849	0.3%	70,867	0.2%	14.3	15.2	14.7	15.4	13.8	14.9	14.2	14.9
	2041	69,834	0.0%	70,915	0.1%	14.4	15.2	14.9	15.4	13.9	14.9	14.4	14.9
	2042	69,904	0.1%			14.4	15.2			13.9	14.9		
CAGR [1]	Historical		-0.1%		-0.2%	0.9%	0.0%	-0.2%	-0.6%	0.8%	-0.5%	-0.4%	-0.7%
	1st 10 Prj Yrs		0.1%		0.4%	0.2%	0.1%	0.5%	0.4%	0.2%	0.1%	0.5%	0.4%
	2nd 10 Prj Yrs		0.1%		0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.1%	0.2%	0.1%

[1] CAGR - Compound Annual Growth Rate

FMPA 2023 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	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	5,698	4,655	5,481	68,480	68,514
	2021	5,355	4,589	4,935	4,770	5,716	6,180	6,717	7,071	6,161	5,484	4,597	4,715	66,289	67,327
	2022	5,526	4,632	4,713	4,840	6,081	6,932	7,149	7,240	6,048	5,728	4,742	5,167	68,796	67,956
Projected	2023	5,509	4,581	4,992	4,908	5,879	6,468	7,055	7,128	6,393	5,563	4,839	5,185	68,500	68,549
	2024	5,574	4,732	5,038	4,960	5,940	6,520	7,110	7,180	6,435	5,602	4,872	5,216	69,178	69,075
	2025	5,604	4,649	5,062	4,983	5,965	6,544	7,134	7,203	6,453	5,615	4,881	5,223	69,316	69,288
	2026	5,608	4,649	5,059	4,978	5,959	6,536	7,123	7,192	6,442	5,605	4,873	5,215	69,239	69,265
	2027	5,599	4,643	5,052	4,972	5,952	6,528	7,115	7,184	6,436	5,600	4,869	5,212	69,161	69,172
	2028	5,597	4,749	5,049	4,969	5,950	6,526	7,114	7,183	6,435	5,599	4,868	5,215	69,255	69,254
	2029	5,600	4,644	5,049	4,969	5,951	6,526	7,115	7,184	6,436	5,600	4,868	5,217	69,159	69,156
	2030	5,604	4,647	5,050	4,970	5,953	6,529	7,119	7,189	6,439	5,603	4,869	5,223	69,196	69,186
	2031	5,611	4,652	5,053	4,972	5,956	6,531	7,122	7,192	6,441	5,603	4,869	5,227	69,229	69,225
	2032	5,615	4,764	5,053	4,972	5,957	6,533	7,125	7,195	6,443	5,605	4,870	5,232	69,363	69,356
Projected	2033	5,622	4,661	5,054	4,973	5,960	6,535	7,128	7,199	6,445	5,613	4,876	5,241	69,307	69,284
	2034	5,632	4,669	5,062	4,980	5,968	6,544	7,139	7,209	6,454	5,619	4,881	5,248	69,405	69,386
	2035	5,640	4,675	5,067	4,984	5,973	6,549	7,145	7,214	6,457	5,623	4,885	5,253	69,466	69,453
	2036	5,645	4,787	5,070	4,987	5,977	6,552	7,147	7,217	6,459	5,625	4,886	5,255	69,608	69,603
	2037	5,648	4,681	5,072	4,989	5,979	6,554	7,151	7,220	6,462	5,628	4,888	5,260	69,531	69,522
	2038	5,653	4,686	5,076	4,992	5,985	6,560	7,158	7,229	6,469	5,633	4,893	5,268	69,602	69,583
	2039	5,663	4,693	5,082	4,998	5,992	6,568	7,167	7,238	6,476	5,638	4,896	5,275	69,686	69,671
	2040	5,671	4,809	5,086	5,002	5,997	6,574	7,174	7,245	6,482	5,645	4,902	5,284	69,870	69,849
	2041	5,681	4,708	5,093	5,007	6,004	6,582	7,184	7,255	6,490	5,650	4,906	5,291	69,850	69,834
	2042	5,689	4,714	5,097	5,011	6,010	6,587	7,191	7,262	6,495	5,655	4,910	5,299	69,921	69,904

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	7.0%	7.7%	7.0%	8.1%	9.3%	10.5%	10.4%	9.1%	8.3%	6.8%	8.0%	100.0%
	2021	8.1%	6.9%	7.4%	7.2%	8.6%	9.3%	10.1%	10.7%	9.3%	8.3%	6.9%	7.1%	100.0%
	2022	8.0%	6.7%	6.9%	7.0%	8.8%	10.1%	10.4%	10.5%	8.8%	8.3%	6.9%	7.5%	100.0%
Projected	2023	8.0%	6.7%	7.3%	7.2%	8.6%	9.4%	10.3%	10.4%	9.3%	8.1%	7.1%	7.6%	100.0%
	2024	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.4%	9.3%	8.1%	7.0%	7.5%	100.0%
	2025	8.1%	6.7%	7.3%	7.2%	8.6%	9.4%	10.3%	10.4%	9.3%	8.1%	7.0%	7.5%	100.0%
	2026	8.1%	6.7%	7.3%	7.2%	8.6%	9.4%	10.3%	10.4%	9.3%	8.1%	7.0%	7.5%	100.0%
	2027	8.1%	6.7%	7.3%	7.2%	8.6%	9.4%	10.3%	10.4%	9.3%	8.1%	7.0%	7.5%	100.0%
	2028	8.1%	6.9%	7.3%	7.2%	8.6%	9.4%	10.3%	10.4%	9.3%	8.1%	7.0%	7.5%	100.0%
	2029	8.1%	6.7%	7.3%	7.2%	8.6%	9.4%	10.3%	10.4%	9.3%	8.1%	7.0%	7.5%	100.0%
	2030	8.1%	6.7%	7.3%	7.2%	8.6%	9.4%	10.3%	10.4%	9.3%	8.1%	7.0%	7.5%	100.0%
	2031	8.1%	6.7%	7.3%	7.2%	8.6%	9.4%	10.3%	10.4%	9.3%	8.1%	7.0%	7.5%	100.0%
	2032	8.1%	6.9%	7.3%	7.2%	8.6%	9.4%	10.3%	10.4%	9.3%	8.1%	7.0%	7.5%	100.0%
Avg	2013-2022	8.2%	6.8%	7.3%	7.2%	8.6%	9.5%	10.1%	10.4%	9.2%	8.2%	7.0%	7.5%	100.0%
	2023-2032	8.1%	6.8%	7.3%	7.2%	8.6%	9.4%	10.3%	10.4%	9.3%	8.1%	7.0%	7.5%	100.0%

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

FMPA 2023 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	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	12.1	9.8	12.7	13.2	14.8
	2021	12.2	13.3	10.6	11.1	13.1	13.7	13.7	14.6	12.8	11.7	10.0	9.8	13.3	14.6
	2022	14.6	11.8	10.1	10.8	13.0	15.2	14.5	14.8	14.2	12.6	10.0	11.1	14.6	15.2
Projected	2023	13.9	12.4	10.4	11.4	13.3	14.3	14.6	14.9	14.0	12.4	10.0	11.1	13.9	14.9
	2024	14.0	12.5	10.5	11.5	13.4	14.4	14.7	15.1	14.1	12.5	10.1	11.2	14.0	15.1
	2025	14.1	12.6	10.6	11.5	13.5	14.5	14.8	15.1	14.1	12.5	10.1	11.2	14.1	15.1
	2026	14.2	12.6	10.6	11.5	13.5	14.5	14.7	15.1	14.1	12.5	10.1	11.2	14.2	15.1
	2027	14.1	12.6	10.6	11.5	13.5	14.4	14.7	15.1	14.1	12.5	10.1	11.2	14.1	15.1
	2028	14.1	12.5	10.5	11.5	13.5	14.4	14.7	15.1	14.1	12.5	10.1	11.2	14.1	15.1
	2029	14.1	12.6	10.6	11.5	13.5	14.4	14.7	15.1	14.1	12.5	10.1	11.2	14.1	15.1
	2030	14.2	12.6	10.6	11.5	13.5	14.5	14.7	15.1	14.1	12.5	10.2	11.3	14.2	15.1
	2031	14.2	12.6	10.6	11.5	13.5	14.5	14.7	15.1	14.1	12.5	10.1	11.2	14.2	15.1
	2032	14.1	12.6	10.6	11.5	13.5	14.5	14.8	15.1	14.1	12.5	10.2	11.3	14.1	15.1
Projected	2033	14.2	12.7	10.7	11.6	13.5	14.5	14.8	15.1	14.1	12.5	10.2	11.3	14.2	15.1
	2034	14.2	12.7	10.7	11.6	13.5	14.5	14.8	15.1	14.1	12.6	10.2	11.3	14.2	15.1
	2035	14.3	12.7	10.7	11.6	13.6	14.5	14.8	15.1	14.1	12.6	10.2	11.3	14.3	15.1
	2036	14.2	12.7	10.7	11.6	13.6	14.5	14.8	15.1	14.1	12.6	10.2	11.3	14.2	15.1
	2037	14.3	12.7	10.7	11.6	13.6	14.5	14.8	15.1	14.2	12.6	10.3	11.3	14.3	15.1
	2038	14.3	12.7	10.7	11.6	13.6	14.5	14.8	15.2	14.2	12.6	10.3	11.4	14.3	15.2
	2039	14.3	12.7	10.7	11.6	13.6	14.6	14.8	15.2	14.2	12.6	10.3	11.3	14.3	15.2
	2040	14.3	12.7	10.7	11.7	13.6	14.6	14.9	15.2	14.2	12.6	10.3	11.4	14.3	15.2
	2041	14.4	12.8	10.8	11.7	13.7	14.6	14.9	15.2	14.2	12.7	10.3	11.4	14.4	15.2
	2042	14.4	12.8	10.8	11.7	13.7	14.6	14.9	15.2	14.2	12.7	10.4	11.4	14.4	15.2

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	63.2%	65.8%	57.9%	59.4%	52.7%
	2021	58.8%	51.2%	62.7%	59.5%	58.8%	62.5%	65.9%	65.3%	67.0%	62.9%	63.7%	65.0%	56.7%	52.8%
	2022	50.8%	58.3%	62.7%	62.0%	62.7%	63.4%	66.2%	65.9%	59.1%	61.3%	66.0%	62.8%	53.7%	51.1%
Projected	2023	53.1%	54.9%	64.3%	59.7%	59.2%	62.7%	64.9%	64.1%	63.5%	60.4%	67.1%	62.7%	56.1%	52.3%
	2024	53.5%	54.5%	64.6%	59.9%	59.4%	62.7%	64.9%	64.1%	63.5%	60.4%	66.9%	62.5%	56.4%	52.4%
	2025	53.2%	54.9%	64.3%	60.0%	59.4%	62.7%	64.9%	64.1%	63.4%	60.3%	67.0%	62.5%	55.9%	52.3%
	2026	53.2%	54.9%	64.2%	60.0%	59.4%	62.8%	64.9%	64.1%	63.4%	60.3%	66.9%	62.5%	55.8%	52.4%
	2027	53.2%	54.9%	64.2%	60.0%	59.4%	62.8%	64.9%	64.1%	63.4%	60.3%	67.2%	62.7%	55.8%	52.4%
	2028	53.4%	54.4%	64.4%	59.9%	59.4%	62.7%	64.9%	64.1%	63.4%	60.3%	66.8%	62.4%	56.1%	52.5%
	2029	53.2%	54.9%	64.1%	59.9%	59.4%	62.7%	64.9%	64.1%	63.4%	60.2%	66.7%	62.4%	55.8%	52.4%
	2030	53.2%	54.8%	64.0%	59.9%	59.3%	62.7%	64.9%	64.1%	63.4%	60.2%	66.6%	62.4%	55.8%	52.4%
	2031	53.2%	54.8%	63.9%	59.8%	59.3%	62.7%	64.9%	64.1%	63.4%	60.2%	66.8%	62.6%	55.7%	52.4%
	2032	53.4%	54.4%	64.1%	59.8%	59.3%	62.7%	64.9%	64.1%	63.4%	60.1%	66.4%	62.3%	56.0%	52.5%
Avg.	2013-2022	55.3%	58.4%	61.5%	60.4%	60.4%	63.3%	65.1%	64.7%	63.2%	61.4%	62.2%	61.5%	55.7%	52.6%
	2023-2032	53.3%	54.7%	64.2%	59.9%	59.4%	62.7%	64.9%	64.1%	63.5%	60.3%	66.8%	62.5%	55.9%	52.4%

FMPA 2023 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	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	12.0	8.2	12.6	11.3	14.1
	2021	12.2	13.3	10.1	10.7	12.9	13.5	13.7	14.6	10.1	11.6	7.9	8.2	13.3	14.6
	2022	14.6	11.8	9.9	9.0	12.7	14.7	14.0	14.8	14.2	12.1	9.2	10.1	14.6	14.7
Projected	2023	13.5	11.9	9.8	10.9	13.1	13.9	14.1	14.6	13.2	11.9	9.2	10.1	13.5	14.6
	2024	13.6	12.0	9.8	11.0	13.2	14.0	14.2	14.7	13.2	12.0	9.3	10.2	13.6	14.7
	2025	13.7	12.1	9.9	11.1	13.3	14.0	14.3	14.8	13.3	12.1	9.3	10.3	13.7	14.8
	2026	13.7	12.1	9.9	11.0	13.2	14.0	14.3	14.8	13.3	12.0	9.3	10.2	13.7	14.8
	2027	13.7	12.1	9.9	11.0	13.2	14.0	14.3	14.8	13.3	12.0	9.3	10.2	13.7	14.8
	2028	13.6	12.0	9.9	11.0	13.2	14.0	14.3	14.8	13.3	12.0	9.3	10.2	13.6	14.8
	2029	13.7	12.1	9.9	11.0	13.2	14.0	14.3	14.8	13.3	12.0	9.3	10.3	13.7	14.8
	2030	13.7	12.1	9.9	11.1	13.3	14.0	14.3	14.8	13.3	12.1	9.3	10.3	13.7	14.8
	2031	13.7	12.1	10.0	11.1	13.3	14.0	14.3	14.8	13.3	12.1	9.3	10.2	13.7	14.8
	2032	13.7	12.1	9.9	11.1	13.3	14.0	14.3	14.8	13.3	12.1	9.4	10.3	13.7	14.8
Projected	2033	13.8	12.2	10.0	11.1	13.3	14.0	14.3	14.8	13.3	12.1	9.4	10.3	13.8	14.8
	2034	13.8	12.2	10.0	11.1	13.3	14.0	14.3	14.8	13.3	12.1	9.4	10.3	13.8	14.8
	2035	13.8	12.2	10.0	11.1	13.3	14.0	14.3	14.8	13.3	12.1	9.4	10.3	13.8	14.8
	2036	13.8	12.2	10.0	11.1	13.3	14.0	14.3	14.8	13.3	12.1	9.4	10.3	13.8	14.8
	2037	13.8	12.2	10.0	11.1	13.3	14.1	14.3	14.8	13.3	12.1	9.4	10.4	13.8	14.8
	2038	13.8	12.2	10.1	11.1	13.4	14.1	14.3	14.8	13.3	12.2	9.5	10.4	13.8	14.8
	2039	13.9	12.2	10.1	11.2	13.4	14.1	14.4	14.9	13.3	12.2	9.4	10.3	13.9	14.9
	2040	13.8	12.2	10.1	11.2	13.4	14.1	14.4	14.9	13.4	12.2	9.5	10.4	13.8	14.9
	2041	13.9	12.3	10.1	11.2	13.4	14.1	14.4	14.9	13.4	12.2	9.5	10.4	13.9	14.9
	2042	13.9	12.3	10.1	11.2	13.4	14.1	14.4	14.9	13.4	12.2	9.5	10.4	13.9	14.9

Monthly Coincidence Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	99.3%	83.9%	98.9%	86.1%	94.8%
	2021	100.0%	100.0%	95.3%	96.5%	98.9%	98.6%	99.8%	100.0%	78.8%	98.7%	78.7%	84.5%	100.0%	100.0%
	2022	100.0%	100.0%	98.1%	83.1%	97.2%	96.6%	96.2%	100.0%	96.4%	92.1%	91.3%	91.3%	100.0%	96.6%
Projected	2023	96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.4%	92.1%	91.3%	96.8%	97.9%
	2024	96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.4%	92.1%	91.3%	96.8%	97.9%
	2025	96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.4%	92.1%	91.3%	96.8%	97.9%
	2026	96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.4%	92.1%	91.3%	96.8%	97.9%
	2027	96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.4%	92.1%	91.3%	96.8%	97.9%
	2028	96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.4%	92.1%	91.3%	96.8%	97.9%
	2029	96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.4%	92.1%	91.3%	96.8%	97.9%
	2030	96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.4%	92.1%	91.3%	96.8%	97.9%
	2031	96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.4%	92.1%	91.3%	96.8%	97.9%
	2032	96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.4%	92.1%	91.3%	96.8%	97.9%
2013-2022		96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.0%	93.5%	90.4%	91.7%	97.7%
2023-2032		96.8%	96.1%	93.7%	95.9%	98.3%	96.8%	96.8%	97.9%	94.1%	96.4%	92.1%	91.3%	96.8%	97.9%

FMPA 2023 Load Forecast - Base Case - Starke

Historical and Projected - Energy Sales by Customer Class (Gross of Incremental Dist. PV) (Fiscal Year 2013-2042)

		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	2013	21,836		1,945		11,227		42,904		740		58.0		64,740		3,938	5.7%	68,678	
	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%
	2021	24,348	-0.4%	2,086	0.9%	11,672	-1.3%	39,380	-1.8%	729	1.0%	54.0	-2.8%	63,728	-1.3%	3,599	5.3%	67,327	-1.7%
	2022	24,907	2.3%	2,094	0.4%	11,897	1.9%	39,757	1.0%	765	4.9%	52.0	-3.8%	64,665	1.5%	3,291	4.8%	67,956	0.9%
Projected	2023	24,561	-1.4%	2,113	0.9%	11,622	-2.3%	40,022	0.7%	838	9.6%	47.8	-8.1%	64,583	-0.1%	3,991	5.8%	68,574	0.9%
	2024	24,506	-0.2%	2,108	-0.3%	11,625	0.0%	40,670	1.6%	843	0.6%	48.2	1.0%	65,176	0.9%	3,946	5.7%	69,122	0.8%
	2025	24,526	0.1%	2,104	-0.2%	11,656	0.3%	40,975	0.8%	847	0.5%	48.4	0.3%	65,501	0.5%	3,857	5.6%	69,359	0.3%
	2026	24,484	-0.2%	2,102	-0.1%	11,651	-0.1%	41,023	0.1%	851	0.4%	48.2	-0.3%	65,508	0.0%	3,856	5.6%	69,364	0.0%
	2027	24,427	-0.2%	2,100	-0.1%	11,630	-0.2%	41,025	0.0%	854	0.3%	48.1	-0.3%	65,452	-0.1%	3,853	5.6%	69,305	-0.1%
	2028	24,439	0.1%	2,099	0.0%	11,641	0.1%	41,026	0.0%	856	0.3%	47.9	-0.3%	65,465	0.0%	3,962	5.7%	69,427	0.2%
	2029	24,490	0.2%	2,099	0.0%	11,668	0.2%	41,028	0.0%	859	0.3%	47.8	-0.3%	65,518	0.1%	3,857	5.6%	69,376	-0.1%
	2030	24,567	0.3%	2,099	0.0%	11,703	0.3%	41,031	0.0%	862	0.3%	47.6	-0.3%	65,598	0.1%	3,862	5.6%	69,460	0.1%
	2031	24,661	0.4%	2,099	0.0%	11,746	0.4%	41,033	0.0%	864	0.3%	47.5	-0.3%	65,694	0.1%	3,868	5.6%	69,562	0.1%
	2032	24,745	0.3%	2,100	0.0%	11,786	0.3%	41,036	0.0%	867	0.3%	47.4	-0.3%	65,781	0.1%	3,981	5.7%	69,762	0.3%
	2033	24,847	0.4%	2,100	0.0%	11,831	0.4%	41,039	0.0%	869	0.3%	47.2	-0.3%	65,886	0.2%	3,879	5.6%	69,765	0.0%
	2034	24,953	0.4%	2,101	0.0%	11,879	0.4%	41,042	0.0%	871	0.3%	47.1	-0.3%	65,995	0.2%	3,886	5.6%	69,880	0.2%
	2035	25,041	0.4%	2,101	0.0%	11,918	0.3%	41,046	0.0%	874	0.3%	47.0	-0.3%	66,087	0.1%	3,891	5.6%	69,978	0.1%
	2036	25,092	0.2%	2,102	0.0%	11,938	0.2%	41,051	0.0%	876	0.3%	46.9	-0.3%	66,142	0.1%	4,003	5.7%	70,145	0.2%
	2037	25,133	0.2%	2,103	0.0%	11,953	0.1%	41,055	0.0%	878	0.3%	46.7	-0.3%	66,188	0.1%	3,897	5.6%	70,085	-0.1%
	2038	25,213	0.3%	2,104	0.0%	11,985	0.3%	41,060	0.0%	881	0.3%	46.6	-0.3%	66,273	0.1%	3,902	5.6%	70,175	0.1%
	2039	25,324	0.4%	2,105	0.0%	12,033	0.4%	41,064	0.0%	883	0.3%	46.5	-0.2%	66,388	0.2%	3,909	5.6%	70,297	0.2%
	2040	25,437	0.4%	2,106	0.0%	12,080	0.4%	41,068	0.0%	885	0.3%	46.4	-0.3%	66,505	0.2%	4,025	5.7%	70,531	0.3%
	2041	25,554	0.5%	2,107	0.1%	12,130	0.4%	41,072	0.0%	888	0.3%	46.3	-0.2%	66,626	0.2%	3,923	5.6%	70,549	0.0%
	2042	25,668	0.4%	2,108	0.0%	12,178	0.4%	41,076	0.0%	890	0.3%	46.2	-0.2%	66,744	0.2%	3,930	5.6%	70,674	0.2%
CAGR	2013-2022		1.5%		0.8%		0.6%		-0.8%		0.4%		-1.2%		0.0%		5.6%		-0.1%
	2023-2032		0.1%		-0.1%		0.2%		0.3%		0.4%		-0.1%		0.2%		5.6%		0.2%
	2033-2042		0.4%		0.0%		0.3%		0.0%		0.3%		-0.3%		0.1%		5.6%		0.1%

CAGR - Compound Average Growth Rate.

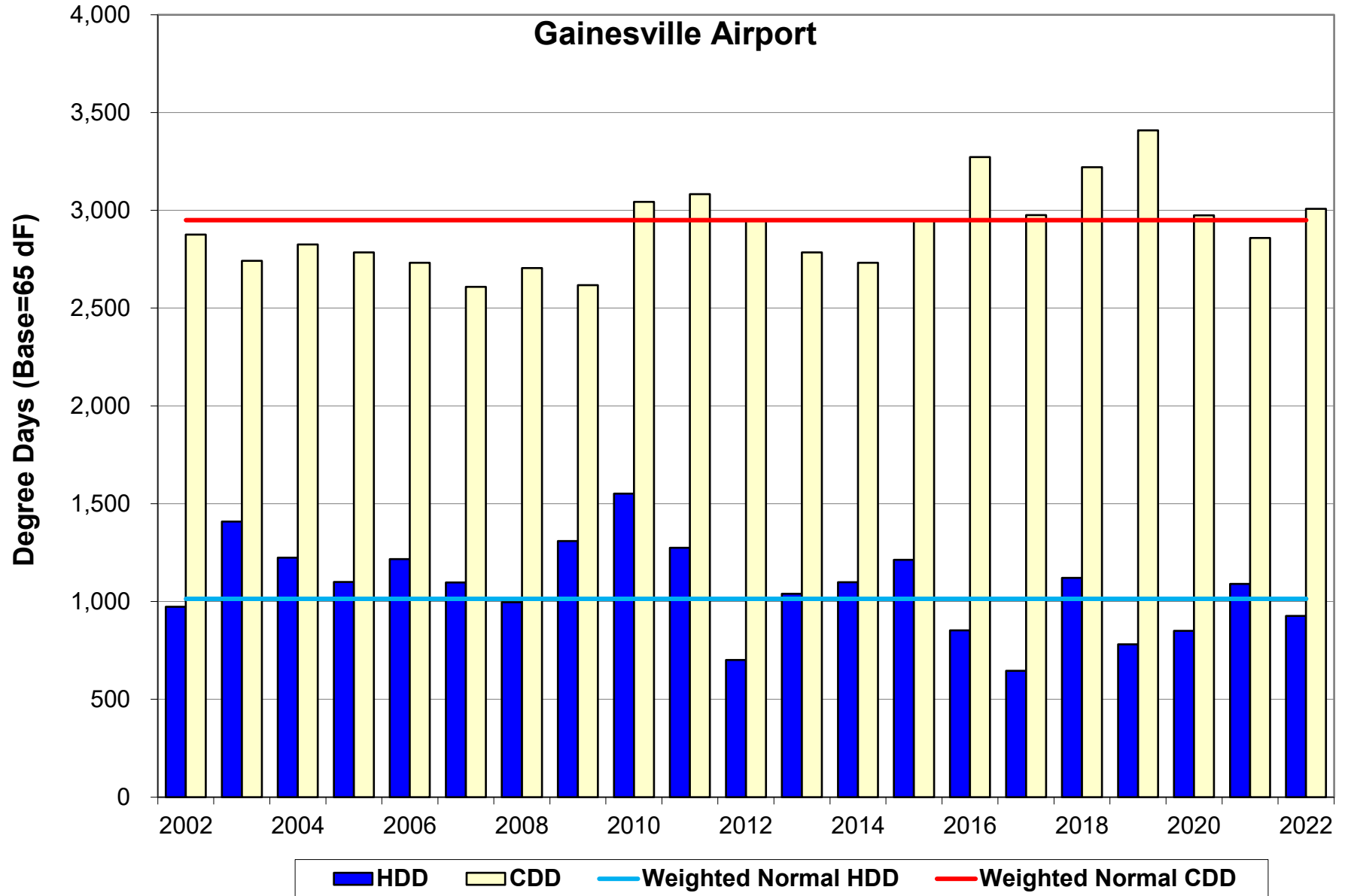
FMPA 2023 Load Forecast

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
2002	26.3	-	8.7	-	8.4	-	0.51	-	514	-	658	-	75,807	-
2003	27.0	2.8%	9.0	3.4%	8.7	3.6%	0.51	1.0%	539	4.9%	674	2.4%	75,104	-0.9%
2004	27.7	2.5%	9.1	1.7%	9.0	2.7%	0.53	2.9%	576	6.9%	687	1.9%	75,263	0.2%
2005	28.1	1.4%	9.2	1.1%	9.1	1.7%	0.49	-7.6%	594	3.1%	698	1.7%	75,684	0.6%
2006	28.5	1.5%	9.3	0.9%	9.6	5.4%	0.50	2.1%	606	1.9%	703	0.7%	75,517	-0.2%
2007	28.8	1.1%	9.4	1.3%	9.9	2.8%	0.47	-4.4%	652	7.6%	707	0.6%	75,056	-0.6%
2008	29.0	0.5%	9.4	-0.1%	9.8	-1.2%	0.47	-1.1%	633	-2.8%	703	-0.6%	74,616	-0.6%
2009	29.0	0.1%	9.4	-0.6%	9.5	-2.7%	0.41	-12.8%	596	-5.9%	726	3.4%	77,588	4.0%
2010	28.5	-1.5%	9.5	1.1%	9.2	-3.5%	0.31	-25.4%	593	-0.4%	755	3.9%	79,708	2.7%
2011	28.4	-0.5%	9.5	-0.2%	9.2	0.3%	0.26	-13.8%	578	-2.6%	767	1.7%	81,193	1.9%
2012	27.0	-4.9%	9.3	-1.1%	8.9	-3.1%	0.27	3.4%	549	-4.9%	760	-0.9%	81,351	0.2%
2013	26.7	-1.0%	9.4	0.4%	8.8	-0.9%	0.26	-4.8%	558	1.5%	767	0.8%	81,720	0.5%
2014	26.5	-1.0%	9.4	0.4%	8.7	-1.6%	0.26	-0.4%	583	4.6%	778	1.5%	82,625	1.1%
2015	26.6	0.7%	9.6	1.5%	8.8	0.8%	0.29	12.0%	602	3.2%	810	4.1%	84,785	2.6%
2016	26.6	-0.1%	9.7	1.1%	8.8	0.9%	0.27	-8.0%	607	0.8%	808	-0.3%	83,633	-1.4%
2017	27.0	1.4%	9.7	0.5%	9.4	6.8%	0.27	1.5%	648	6.8%	845	4.6%	87,041	4.1%
2018	27.6	2.1%	9.8	0.7%	9.5	0.8%	0.25	-7.8%	663	2.3%	863	2.1%	88,297	1.4%
2019	28.1	2.1%	9.8	0.3%	9.3	-2.5%	0.25	0.8%	627	-5.3%	876	1.5%	89,357	1.2%
2020	28.4	0.8%	9.8	-0.3%	9.1	-2.2%	0.27	8.0%	624	-0.5%	933	6.5%	95,441	6.8%
2021	28.4	0.2%	9.9	1.6%	9.3	2.2%	0.26	-5.1%	632	1.2%	909	-2.6%	91,455	-4.2%
2022	28.5	0.4%	10.0	0.8%	9.4	1.3%	0.25	-3.0%	636	0.7%	921	1.4%	91,993	0.6%
2023	28.6	0.4%	10.1	0.8%	9.5	1.3%	0.24	-2.7%	641	0.7%	934	1.4%	92,589	0.6%
2024	28.7	0.4%	10.2	0.7%	9.6	0.8%	0.24	-1.1%	651	1.6%	952	1.9%	93,729	1.2%
2025	28.8	0.4%	10.2	0.6%	9.6	0.8%	0.24	-0.7%	661	1.5%	971	1.9%	94,930	1.3%
2026	28.9	0.3%	10.3	0.5%	9.7	0.6%	0.24	-1.3%	670	1.4%	988	1.8%	96,168	1.3%
2027	29.0	0.3%	10.3	0.5%	9.8	0.7%	0.23	-1.3%	680	1.4%	1,006	1.8%	97,445	1.3%
2028	29.1	0.3%	10.4	0.4%	9.8	0.6%	0.23	-0.9%	689	1.4%	1,024	1.8%	98,764	1.4%
2029	29.2	0.3%	10.4	0.4%	9.9	0.6%	0.23	-1.3%	699	1.4%	1,042	1.8%	100,133	1.4%
2030	29.3	0.3%	10.4	0.3%	10.0	0.6%	0.23	-0.9%	708	1.4%	1,061	1.8%	101,543	1.4%
2031	29.3	0.2%	10.5	0.2%	10.0	0.5%	0.22	-1.0%	717	1.3%	1,078	1.7%	102,976	1.4%
2032	29.4	0.2%	10.5	0.2%	10.1	0.5%	0.22	-1.4%	726	1.3%	1,096	1.6%	104,430	1.4%
2033	29.5	0.2%	10.5	0.2%	10.1	0.5%	0.22	-1.0%	735	1.2%	1,114	1.6%	105,917	1.4%
2034	29.5	0.2%	10.5	0.2%	10.2	0.5%	0.21	-1.4%	744	1.2%	1,132	1.6%	107,419	1.4%
2035	29.6	0.2%	10.6	0.2%	10.2	0.4%	0.21	-1.0%	753	1.2%	1,150	1.6%	108,939	1.4%
2036	29.7	0.2%	10.6	0.2%	10.2	0.5%	0.21	-1.1%	762	1.2%	1,168	1.6%	110,456	1.4%
2037	29.7	0.2%	10.6	0.2%	10.3	0.4%	0.21	-1.5%	772	1.2%	1,187	1.6%	111,979	1.4%
2038	29.8	0.2%	10.6	0.2%	10.3	0.5%	0.20	-1.1%	781	1.2%	1,205	1.6%	113,495	1.4%
2039	29.9	0.2%	10.6	0.2%	10.4	0.4%	0.20	-1.1%	790	1.2%	1,224	1.5%	115,021	1.3%
2040	29.9	0.2%	10.7	0.2%	10.4	0.4%	0.20	-1.1%	799	1.2%	1,242	1.5%	116,537	1.3%
2041	30.0	0.2%	10.7	0.2%	10.5	0.4%	0.20	-1.1%	808	1.1%	1,261	1.5%	118,022	1.3%
2042	30.1	0.2%	10.7	0.3%	10.5	0.4%	0.19	-1.6%	817	1.1%	1,279	1.5%	119,462	1.2%
Average Percent Change														
2012-2022		0.6%		0.7%		0.5%		-0.9%		1.5%		1.9%		1.2%
2023-2032		0.3%		0.4%		0.6%		-1.1%		1.4%		1.8%		1.3%
2033-2042		0.2%		0.2%		0.4%		-1.2%		1.2%		1.6%		1.4%



Appendix E
HIGH/LOW ECONOMIC SCENARIOS

FMPA 2023 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	Year	2013	5,914,988	-	6,025,455	-	1.9%	1,009.9	-	974.3	-	-3.5%	1,222.0	-	1,259.5	3.1%
	2014	5,733,592	-3.1%	5,737,586	-4.8%	0.1%	996.9	-1.3%	1,065.7	9.4%	6.9%	1,185.1	-3.0%	1,180.9	-6.2%	-0.4%
	2015	5,777,052	0.8%	5,704,073	-0.6%	-1.3%	1,128.5	13.2%	990.7	-7.0%	-12.2%	1,194.4	0.8%	1,212.8	2.7%	1.5%
	2016	5,981,790	3.5%	5,868,866	2.9%	-1.9%	1,009.9	-10.5%	1,028.8	3.8%	1.9%	1,267.7	6.1%	1,233.3	1.7%	-2.7%
	2017	5,827,865	-2.6%	5,873,867	0.1%	0.8%	919.8	-8.9%	935.2	-9.1%	1.7%	1,236.7	-2.4%	1,281.7	3.9%	3.6%
	2018	5,947,009	2.0%	5,896,883	0.4%	-0.8%	1,180.3	28.3%	1,114.1	19.1%	-5.6%	1,238.9	0.2%	1,266.9	-1.2%	2.3%
	2019	6,082,512	2.3%	5,919,867	0.4%	-2.7%	979.8	-17.0%	1,123.8	0.9%	14.7%	1,292.4	4.3%	1,277.3	0.8%	-1.2%
	2020	6,082,634	0.0%	5,970,182	0.8%	-1.8%	1,022.3	4.3%	1,088.7	-3.1%	6.5%	1,281.4	-0.9%	1,278.4	0.1%	-0.2%
	2021	6,166,622	1.4%	6,101,299	2.2%	-1.1%	1,056.1	3.3%	1,089.2	0.1%	3.1%	1,294.2	1.0%	1,297.6	1.5%	0.3%
	2022	6,257,496	1.5%	6,183,670	1.4%	-1.2%	1,109.0	5.0%	1,077.9	-1.0%	-2.8%	1,306.7	1.0%	1,299.6	0.2%	-0.5%
Projected	2023	6,305,905	0.8%	6,305,905	2.0%		1,086.9	-2.0%	1,086.9	0.8%		1,319.6	1.0%	1,319.6	1.5%	
	2024			6,432,505	2.0%				1,110.6	2.2%				1,344.2	1.9%	
	2025			6,527,739	1.5%				1,131.6	1.9%				1,367.2	1.7%	
	2026			6,633,977	1.6%				1,151.9	1.8%				1,389.7	1.7%	
	2027			6,740,672	1.6%				1,171.9	1.7%				1,412.6	1.6%	
	2028			6,868,415	1.9%				1,193.1	1.8%				1,436.3	1.7%	
	2029			6,964,932	1.4%				1,213.1	1.7%				1,460.1	1.7%	
	2030			7,083,892	1.7%				1,233.4	1.7%				1,485.8	1.8%	
	2031			7,204,933	1.7%				1,254.5	1.7%				1,511.3	1.7%	
	2032			7,340,405	1.9%				1,275.5	1.7%				1,535.9	1.6%	
	2033			7,441,086	1.4%				1,295.4	1.6%				1,560.9	1.6%	
	2034			7,570,006	1.7%				1,315.6	1.6%				1,588.1	1.7%	
	2035			7,707,044	1.8%				1,335.4	1.5%				1,617.6	1.9%	
	2036			7,790,528	1.1%				1,341.6	0.5%				1,631.1	0.8%	
	2037			7,901,994	1.4%				1,359.7	1.4%				1,658.9	1.7%	
	2038			7,832,334	-0.9%				1,332.5	-2.0%				1,645.5	-0.8%	
	2039			7,959,767	1.6%				1,351.0	1.4%				1,673.2	1.7%	
	2040			8,107,193	1.9%				1,370.6	1.5%				1,700.5	1.6%	
	2041			8,213,851	1.3%				1,388.5	1.3%				1,727.8	1.6%	
	2042			8,290,346	0.9%				1,395.0	0.5%				1,745.3	1.0%	
CAGR ^[3]	2013-2022		0.6%		0.3%			1.0%		1.1%			0.7%		0.3%	
	2023-2032				1.7%					1.8%					1.7%	
	2033-2042				1.2%					0.8%					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 2023 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	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	420,501	369,488	422,913	462,373	543,871	546,093	610,626	626,595	521,538	510,314	404,255	427,914	5,866,482	5,827,865
	2018	487,083	396,364	410,759	435,098	497,243	566,526	596,706	617,855	596,890	535,843	436,820	427,594	6,004,781	5,947,009
	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	545,943	440,864	444,548	6,129,243	6,082,634
	2021	437,564	409,376	453,416	457,716	551,422	580,029	623,477	646,967	575,300	535,911	409,289	440,584	6,121,051	6,166,622
	2022	466,096	408,934	458,502	473,518	574,812	615,145	656,576	653,468	564,661	537,756	427,564	453,365	6,290,398	6,257,496
Projected	2023	476,709	420,021	459,715	470,914	555,064	604,344	646,706	657,265	596,480	541,593	436,502	462,233	6,327,548	6,305,905
	2024	486,042	443,619	467,993	479,260	565,268	614,830	658,712	669,351	607,102	551,694	444,160	470,652	6,458,683	6,432,505
	2025	495,076	436,373	475,584	487,124	574,688	624,931	669,856	680,452	617,147	560,994	451,202	478,719	6,552,147	6,527,739
	2026	503,795	443,905	482,990	494,686	583,847	634,842	680,733	691,366	626,898	570,009	458,106	486,783	6,657,960	6,633,977
	2027	512,477	451,471	490,524	502,384	593,219	644,841	691,680	702,392	636,786	579,420	465,454	495,457	6,766,105	6,740,672
	2028	521,688	475,662	498,512	510,511	603,018	655,171	702,940	713,701	646,880	589,053	472,979	504,368	6,894,484	6,868,415
	2029	531,092	467,626	506,655	518,766	612,939	665,492	714,156	724,938	656,871	598,795	480,640	513,583	6,991,551	6,964,932
	2030	540,850	476,140	515,274	527,539	623,546	676,497	726,194	737,088	667,745	608,939	488,650	523,311	7,111,773	7,083,892
	2031	551,076	484,990	524,153	536,502	634,306	687,520	738,141	749,031	678,316	618,969	496,502	532,882	7,232,387	7,204,933
	2032	561,118	511,295	532,813	545,213	644,766	698,159	749,667	760,540	688,481	628,825	504,238	542,415	7,367,530	7,340,405
Projected	2033	571,146	502,356	541,501	553,970	655,333	708,894	761,326	772,231	698,852	639,679	512,961	552,616	7,470,865	7,441,086
	2034	581,807	511,575	551,218	563,691	666,852	720,656	773,997	784,869	710,085	651,074	522,220	563,124	7,601,168	7,570,006
	2035	592,781	521,110	561,631	574,110	679,152	733,312	787,650	798,541	722,339	656,817	526,603	568,308	7,722,354	7,707,044
	2036	597,959	544,955	566,830	579,357	685,167	739,024	793,621	804,369	727,518	667,884	535,599	578,413	7,820,695	7,790,528
	2037	608,456	534,894	576,833	589,329	696,871	751,021	806,500	817,206	738,990	662,615	530,419	573,276	7,886,408	7,901,994
	2038	601,746	529,413	572,182	585,151	692,097	744,490	799,431	809,784	731,731	673,111	538,919	583,080	7,861,136	7,832,334
	2039	611,967	538,313	581,824	594,831	703,570	756,284	812,194	822,537	743,137	683,751	547,468	592,980	7,988,856	7,959,767
	2040	622,281	567,683	591,424	604,447	714,965	767,954	824,805	835,104	754,332	694,418	556,025	602,866	8,136,302	8,107,193
	2041	632,584	556,219	601,040	614,071	726,369	779,627	837,423	847,076	765,535	700,728	560,965	608,700	8,230,937	8,213,851
	2042	638,745	561,699	606,997	619,894	733,230	786,786	845,262	855,258	772,083	711,677	569,783	618,791	8,320,204	8,290,346

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	7.4%	8.3%	9.5%	10.2%	10.4%	9.5%	8.9%	7.2%	7.3%	100.0%
	2021	7.1%	6.7%	7.4%	7.5%	9.0%	9.5%	10.2%	10.6%	9.4%	8.8%	6.7%	7.2%	100.0%
	2022	7.4%	6.5%	7.3%	7.5%	9.1%	9.8%	10.4%	10.4%	9.0%	8.5%	6.8%	7.2%	100.0%
Projected	2023	7.5%	6.6%	7.3%	7.4%	8.8%	9.6%	10.2%	10.4%	9.4%	8.6%	6.9%	7.3%	100.0%
	2024	7.5%	6.9%	7.2%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.9%	7.3%	100.0%
	2025	7.6%	6.7%	7.3%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.6%	6.9%	7.3%	100.0%
	2026	7.6%	6.7%	7.3%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.6%	6.9%	7.3%	100.0%
	2027	7.6%	6.7%	7.2%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.6%	6.9%	7.3%	100.0%
	2028	7.6%	6.9%	7.2%	7.4%	8.7%	9.5%	10.2%	10.4%	9.4%	8.5%	6.9%	7.3%	100.0%
	2029	7.6%	6.7%	7.2%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.6%	6.9%	7.3%	100.0%
	2030	7.6%	6.7%	7.2%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.6%	6.9%	7.4%	100.0%
	2031	7.6%	6.7%	7.2%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.6%	6.9%	7.4%	100.0%
	2032	7.6%	6.9%	7.2%	7.4%	8.8%	9.5%	10.2%	10.3%	9.3%	8.5%	6.8%	7.4%	100.0%
Avg.	2013-2022	7.4%	6.6%	7.2%	7.6%	8.8%	9.6%	10.2%	10.4%	9.3%	8.6%	7.0%	7.2%	100.0%
	2023-2032	7.6%	6.7%	7.2%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.6%	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 2023 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	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	981.0	845.4	971.0	1,111.6	1,194.5	1,201.3	1,251.4	1,267.4	1,203.9	1,139.4	888.2	960.2	981.0	1,267.4
	2018	1,220.9	928.7	904.0	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	1,220.9	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	1,150.1	973.0	984.0	1,058.6	1,312.8
	2021	965.5	1,122.2	1,040.3	1,083.5	1,228.8	1,259.6	1,290.7	1,312.0	1,216.0	1,183.2	889.1	889.1	1,122.2	1,312.0
	2022	1,184.3	1,008.1	1,009.5	1,074.3	1,211.1	1,353.1	1,327.2	1,318.5	1,298.2	1,172.0	984.5	950.6	1,184.3	1,353.1
Projected	2023	1,164.1	1,066.0	1,031.2	1,099.1	1,235.6	1,315.4	1,325.8	1,349.4	1,283.1	1,175.6	1,004.5	969.8	1,164.1	1,349.4
	2024	1,188.4	1,088.1	1,055.4	1,120.6	1,259.9	1,339.7	1,350.3	1,374.4	1,306.8	1,199.0	1,022.9	988.5	1,188.4	1,374.4
	2025	1,210.7	1,108.7	1,075.8	1,140.9	1,282.8	1,362.5	1,373.3	1,397.9	1,329.0	1,221.3	1,042.2	1,006.0	1,210.7	1,397.9
	2026	1,232.1	1,128.3	1,096.5	1,160.9	1,305.5	1,384.9	1,396.0	1,421.0	1,350.9	1,243.4	1,061.8	1,023.2	1,232.1	1,421.0
	2027	1,253.2	1,147.6	1,117.4	1,181.6	1,328.7	1,407.7	1,419.0	1,444.5	1,373.1	1,266.4	1,083.7	1,040.8	1,253.2	1,444.5
	2028	1,275.0	1,167.5	1,140.5	1,203.2	1,352.8	1,431.3	1,442.7	1,468.8	1,396.1	1,290.6	1,104.8	1,058.9	1,275.0	1,468.8
	2029	1,296.4	1,187.4	1,163.6	1,225.3	1,377.4	1,454.9	1,466.6	1,493.1	1,419.3	1,315.6	1,128.0	1,076.6	1,296.4	1,493.1
	2030	1,317.7	1,207.1	1,188.5	1,249.6	1,404.2	1,480.7	1,492.5	1,519.5	1,444.5	1,341.5	1,152.4	1,095.2	1,317.7	1,519.5
	2031	1,339.9	1,227.7	1,214.5	1,273.9	1,430.9	1,506.1	1,518.1	1,545.7	1,469.4	1,367.6	1,177.5	1,113.0	1,339.9	1,545.7
	2032	1,361.7	1,247.6	1,240.9	1,297.7	1,457.1	1,530.8	1,543.0	1,571.0	1,493.6	1,393.2	1,201.1	1,131.1	1,361.7	1,571.0
Projected	2033	1,382.9	1,267.5	1,266.4	1,322.0	1,483.8	1,555.9	1,568.3	1,596.8	1,518.3	1,420.8	1,226.2	1,149.1	1,382.9	1,596.8
	2034	1,404.2	1,287.3	1,293.1	1,347.6	1,511.7	1,583.3	1,595.8	1,624.8	1,545.1	1,449.2	1,251.6	1,166.7	1,404.2	1,624.8
	2035	1,425.1	1,306.7	1,320.1	1,374.8	1,541.2	1,612.9	1,625.6	1,655.1	1,574.3	1,464.8	1,267.2	1,172.5	1,425.1	1,655.1
	2036	1,431.6	1,313.1	1,336.3	1,389.2	1,555.8	1,626.8	1,639.5	1,669.0	1,588.1	1,492.3	1,290.5	1,189.3	1,431.6	1,669.0
	2037	1,451.1	1,331.4	1,361.5	1,414.8	1,583.5	1,654.8	1,667.6	1,697.5	1,615.6	1,482.4	1,283.1	1,168.9	1,451.1	1,697.5
	2038	1,423.7	1,307.9	1,352.6	1,406.2	1,571.6	1,640.5	1,652.4	1,681.8	1,601.9	1,508.4	1,307.1	1,185.4	1,423.7	1,681.8
	2039	1,443.1	1,326.1	1,378.3	1,431.8	1,599.4	1,668.1	1,680.2	1,710.1	1,629.1	1,535.1	1,332.5	1,202.2	1,443.1	1,710.1
	2040	1,463.4	1,344.8	1,404.9	1,457.3	1,627.0	1,695.3	1,707.6	1,737.9	1,655.9	1,562.0	1,355.7	1,218.9	1,463.4	1,737.9
	2041	1,482.5	1,362.9	1,430.2	1,482.8	1,654.6	1,722.6	1,735.1	1,765.8	1,682.8	1,578.4	1,371.1	1,226.2	1,482.5	1,765.8
	2042	1,489.8	1,370.9	1,446.9	1,498.7	1,671.6	1,739.1	1,751.9	1,782.5	1,699.2	1,605.8	1,395.7	1,243.0	1,489.8	1,782.5

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	66.5%	60.2%	60.2%	63.2%	59.9%	68.3%	52.5%
	2018	53.6%	63.5%	61.1%	64.6%	62.3%	64.0%	65.1%	66.3%	66.4%	61.8%	59.1%	58.2%	56.1%	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%	63.8%	62.9%	60.7%	66.1%	52.9%
	2021	60.9%	54.3%	58.6%	58.7%	60.3%	64.0%	64.9%	66.3%	65.7%	60.9%	63.9%	66.6%	62.3%	53.7%
	2022	52.9%	60.4%	61.0%	61.2%	63.8%	63.1%	66.5%	66.6%	60.4%	61.7%	60.3%	64.1%	60.6%	52.8%
Projected	2023	55.0%	58.6%	59.9%	59.5%	60.4%	63.8%	65.6%	65.5%	64.6%	61.9%	60.4%	64.1%	62.1%	53.3%
	2024	55.0%	58.6%	59.6%	59.4%	60.3%	63.7%	65.6%	65.5%	64.5%	61.8%	60.3%	64.0%	62.0%	53.4%
	2025	55.0%	58.6%	59.4%	59.3%	60.2%	63.7%	65.6%	65.4%	64.5%	61.7%	60.1%	64.0%	61.8%	53.3%
	2026	55.0%	58.5%	59.2%	59.2%	60.1%	63.7%	65.5%	65.4%	64.5%	61.6%	59.9%	63.9%	61.7%	53.3%
	2027	55.0%	58.5%	59.0%	59.1%	60.0%	63.6%	65.5%	65.4%	64.4%	61.5%	59.7%	64.0%	61.6%	53.3%
	2028	55.0%	58.5%	58.7%	58.9%	59.9%	63.6%	65.5%	65.3%	64.4%	61.3%	59.5%	64.0%	61.7%	53.4%
	2029	55.1%	58.6%	58.5%	58.8%	59.8%	63.5%	65.5%	65.3%	64.3%	61.2%	59.2%	64.1%	61.6%	53.3%
	2030	55.2%	58.7%	58.3%	58.6%	59.7%	63.5%	65.4%	65.2%	64.2%	61.0%	58.9%	64.2%	61.6%	53.2%
	2031	55.3%	58.8%	58.0%	58.5%	59.6%	63.4%	65.4%	65.1%	64.1%	60.8%	58.6%	64.4%	61.6%	53.2%
	2032	55.4%	58.9%	57.7%	58.4%	59.5%	63.3%	65.3%	65.1%	64.0%	60.7%	58.3%	64.5%	61.8%	53.3%
Avg.	2013-2022	57.9%	58.8%	60.3%	60.7%	61.6%	63.6%	65.4%	65.9%	63.5%	61.7%	61.0%	63.3%	62.6%	53.3%
	2023-2032	55.1%	58.6%	58.8%	59.0%	59.9%	63.6%	65.5%	65.3%	64.3%	61.4%	59.5%	64.1%	61.7%	53.3%

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 2023 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	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	862.8	831.4	919.8	1,105.8	1,174.1	1,178.1	1,215.9	1,236.7	1,157.4	1,122.8	854.5	900.5	919.8	1,236.7
	2018	1,180.3	880.5	845.8	887.1	1,038.0	1,167.3	1,186.3	1,238.9	1,210.0	1,154.7	979.8	888.2	1,180.3	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	1,125.5	888.5	907.5	1,022.3	1,281.4
	2021	906.6	1,056.1	1,008.3	1,056.4	1,209.3	1,219.6	1,259.1	1,294.2	1,159.6	1,161.4	833.3	839.3	1,056.1	1,294.2
	2022	1,109.0	892.0	931.9	1,037.9	1,170.2	1,306.7	1,296.9	1,301.5	1,280.6	1,142.7	927.1	876.1	1,109.0	1,306.7
	2023	1,086.9	1,007.0	971.6	1,063.4	1,202.1	1,279.2	1,284.9	1,319.6	1,243.1	1,146.7	946.3	894.3	1,086.9	1,319.6
Projected	2024	1,110.6	1,028.5	994.6	1,084.1	1,225.7	1,302.8	1,308.6	1,344.2	1,266.0	1,169.6	963.7	911.5	1,110.6	1,344.2
	2025	1,131.6	1,048.0	1,013.9	1,103.8	1,248.0	1,325.0	1,331.0	1,367.2	1,287.4	1,191.4	981.9	927.8	1,131.6	1,367.2
	2026	1,151.9	1,066.7	1,033.4	1,123.2	1,270.0	1,346.7	1,352.9	1,389.7	1,308.4	1,212.9	1,000.4	943.9	1,151.9	1,389.7
	2027	1,171.9	1,085.2	1,053.2	1,143.1	1,292.5	1,368.9	1,375.1	1,412.6	1,329.8	1,235.2	1,021.1	960.5	1,171.9	1,412.6
	2028	1,193.1	1,104.5	1,075.0	1,164.0	1,316.0	1,391.7	1,398.1	1,436.3	1,352.0	1,258.7	1,041.0	977.2	1,193.1	1,436.3
	2029	1,213.1	1,123.3	1,096.8	1,185.3	1,339.8	1,414.7	1,421.1	1,460.1	1,374.2	1,283.0	1,063.0	993.7	1,213.1	1,460.1
	2030	1,233.4	1,142.1	1,120.3	1,208.7	1,365.7	1,439.6	1,446.1	1,485.8	1,398.4	1,308.3	1,085.9	1,011.0	1,233.4	1,485.8
	2031	1,254.5	1,161.8	1,145.0	1,232.0	1,391.6	1,464.2	1,470.8	1,511.3	1,422.3	1,333.6	1,109.6	1,027.8	1,254.5	1,511.3
	2032	1,275.5	1,181.1	1,169.9	1,254.9	1,416.8	1,488.0	1,494.7	1,535.9	1,445.5	1,358.4	1,131.9	1,044.5	1,275.5	1,535.9
	2033	1,295.4	1,199.8	1,193.9	1,278.2	1,442.6	1,512.3	1,519.0	1,560.9	1,469.0	1,385.2	1,155.5	1,061.2	1,295.4	1,560.9
	2034	1,315.6	1,218.7	1,219.1	1,302.8	1,469.6	1,538.7	1,545.6	1,588.1	1,494.8	1,412.7	1,179.4	1,077.6	1,315.6	1,588.1
Projected	2035	1,335.4	1,237.3	1,244.5	1,329.0	1,498.0	1,567.4	1,574.3	1,617.6	1,522.8	1,428.0	1,194.4	1,083.4	1,335.4	1,617.6
	2036	1,341.6	1,243.6	1,260.0	1,342.9	1,512.0	1,581.0	1,587.7	1,631.1	1,536.4	1,454.7	1,216.4	1,098.9	1,341.6	1,631.1
	2037	1,359.7	1,260.8	1,283.8	1,367.6	1,538.7	1,608.1	1,614.9	1,658.9	1,562.9	1,447.1	1,212.4	1,081.5	1,359.7	1,658.9
	2038	1,332.5	1,240.3	1,278.5	1,360.6	1,527.9	1,595.5	1,602.1	1,645.5	1,551.4	1,472.6	1,235.3	1,097.0	1,332.5	1,645.5
	2039	1,351.0	1,257.7	1,302.9	1,385.4	1,554.9	1,622.5	1,629.1	1,673.2	1,577.7	1,498.6	1,259.4	1,112.9	1,351.0	1,673.2
	2040	1,370.6	1,276.0	1,328.3	1,410.1	1,581.7	1,649.0	1,655.7	1,700.5	1,603.6	1,525.0	1,281.5	1,128.3	1,370.6	1,700.5
	2041	1,388.5	1,293.1	1,352.4	1,434.7	1,608.6	1,675.6	1,682.4	1,727.8	1,629.6	1,541.8	1,296.8	1,135.1	1,388.5	1,727.8
	2042	1,395.0	1,301.4	1,369.1	1,451.1	1,626.1	1,692.6	1,699.8	1,745.3	1,646.1	1,568.7	1,320.4	1,150.8	1,395.0	1,745.3

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	97.4%	94.4%	98.1%	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%	97.9%	91.3%	92.2%	96.6%	97.6%
	2021	93.9%	94.1%	96.9%	97.5%	98.4%	96.8%	97.6%	98.6%	95.4%	98.2%	93.7%	94.4%	94.1%	98.6%
	2022	93.6%	88.5%	92.3%	96.6%	96.6%	96.6%	97.7%	98.7%	98.6%	97.5%	94.2%	92.2%	93.6%	96.6%
	2023	93.4%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.9%	97.5%	94.2%	92.2%	93.4%	97.8%
Projected	2024	93.5%	94.5%	94.2%	96.8%	97.3%	97.2%	96.9%	97.8%	96.9%	97.5%	94.2%	92.2%	93.5%	97.8%
	2025	93.5%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.9%	97.5%	94.2%	92.2%	93.5%	97.8%
	2026	93.5%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.9%	97.5%	94.2%	92.2%	93.5%	97.8%
	2027	93.5%	94.6%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.3%	93.5%	97.8%
	2028	93.6%	94.6%	94.3%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.3%	93.6%	97.8%
	2029	93.6%	94.6%	94.3%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.3%	93.6%	97.8%
	2030	93.6%	94.6%	94.3%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.3%	93.6%	97.8%
	2031	93.6%	94.6%	94.3%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.3%	93.6%	97.8%
	2032	93.7%	94.7%	94.3%	96.7%	97.2%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.3%	93.7%	97.8%
	2013-2022	92.6%	94.4%	93.9%	96.7%	97.2%	97.1%	96.8%	97.6%	96.7%	97.3%	94.7%	92.2%	95.1%	97.8%
	2023-2032	93.5%	94.6%	94.3%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.3%	93.5%	97.8%

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 2023 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	2013	2,693,753	-	2,742,513	-	1.8%	425.0	-	418.0	-	-1.6%	524.0	-	533.8	-	1.9%
	2014	2,437,324	-9.5%	2,420,076	-11.8%	-0.7%	384.4	-9.5%	417.2	-0.2%	8.5%	452.1	-13.7%	455.9	-14.6%	0.8%
	2015	2,366,430	-2.9%	2,340,657	-3.3%	-1.1%	456.4	18.7%	380.0	-8.9%	-16.7%	444.3	-1.7%	452.5	-0.7%	1.9%
	2016	2,436,956	3.0%	2,390,782	2.1%	-1.9%	390.9	-14.3%	397.7	4.6%	1.7%	484.9	9.1%	467.5	3.3%	-3.6%
	2017	2,341,144	-3.9%	2,317,726	-3.1%	-1.0%	344.6	-11.9%	362.9	-8.7%	5.3%	467.3	-3.6%	476.3	1.9%	1.9%
	2018	2,355,507	0.6%	2,320,711	0.1%	-1.5%	446.1	29.5%	422.6	16.4%	-5.3%	464.7	-0.5%	470.8	-1.1%	1.3%
	2019	2,399,054	1.8%	2,313,199	-0.3%	-3.6%	364.8	-18.2%	422.8	0.0%	15.9%	470.0	1.1%	464.1	-1.4%	-1.2%
	2020	2,378,062	-0.9%	2,311,770	-0.1%	-2.8%	355.3	-2.6%	406.7	-3.8%	14.5%	475.6	1.2%	478.2	3.0%	0.5%
	2021	2,391,498	0.6%	2,383,569	3.1%	-0.3%	384.1	8.1%	412.3	1.4%	7.3%	469.9	-1.2%	475.6	-0.5%	1.2%
	2022	2,402,402	0.5%	2,407,544	1.0%	0.2%	398.8	3.8%	405.9	-1.6%	1.8%	465.4	-1.0%	472.3	-0.7%	1.5%
Projected	2023	2,408,512	0.3%	2,408,512	0.0%		389.2	-2.4%	389.2	-4.1%		466.1	0.2%	466.1	-1.3%	
	2024			2,434,892	1.1%				392.5	0.9%				472.3	1.3%	
	2025			2,464,585	1.2%				400.0	1.9%				478.8	1.4%	
	2026			2,497,523	1.3%				406.0	1.5%				485.3	1.4%	
	2027			2,529,110	1.3%				411.9	1.5%				491.5	1.3%	
	2028			2,563,849	1.4%				416.4	1.1%				497.4	1.2%	
	2029			2,588,795	1.0%				422.5	1.5%				503.1	1.1%	
	2030			2,619,881	1.2%				427.4	1.2%				509.4	1.3%	
	2031			2,650,821	1.2%				432.3	1.1%				515.5	1.2%	
	2032			2,686,748	1.4%				436.2	0.9%				521.7	1.2%	
	2033			2,714,952	1.0%				442.6	1.5%				528.2	1.2%	
	2034			2,748,251	1.2%				447.6	1.1%				534.7	1.2%	
	2035			2,783,243	1.3%				452.5	1.1%				541.8	1.3%	
	2036			2,749,717	-1.2%				441.9	-2.3%				533.0	-1.6%	
	2037			2,775,540	0.9%				447.1	1.2%				539.0	1.1%	
	2038			2,605,082	-6.1%				405.5	-9.3%				503.2	-6.7%	
	2039			2,628,990	0.9%				408.5	0.7%				508.0	1.0%	
	2040			2,658,215	1.1%				411.0	0.6%				512.9	1.0%	
	2041			2,677,788	0.7%				415.2	1.0%				517.8	1.0%	
	2042			2,702,548	0.9%				418.5	0.8%				522.8	1.0%	
CAGR ^[3]	2013-2022		-1.3%		-1.4%			-0.7%		-0.3%			-1.3%		-1.3%	
	2023-2032				1.2%					1.3%					1.3%	
	2033-2042				-0.1%					-0.6%					-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

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 2023 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	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	212,589	174,473	171,291	2,390,871	2,378,062
	2021	168,246	162,248	177,375	179,513	211,691	224,123	242,255	248,130	219,564	207,572	158,759	171,583	2,371,059	2,391,498
	2022	177,137	156,732	180,901	183,929	219,889	231,649	249,865	248,823	215,564	211,776	164,158	173,562	2,413,985	2,402,402
Projected	2023	182,643	161,107	177,898	180,845	210,540	228,646	242,895	247,954	226,488	209,165	166,026	175,009	2,409,215	2,408,512
	2024	184,416	166,944	179,703	182,672	212,954	231,430	245,948	251,169	229,455	212,066	168,410	177,628	2,442,797	2,434,892
	2025	187,263	165,286	182,243	185,146	215,769	234,451	249,236	254,525	232,561	214,974	170,674	180,132	2,472,260	2,464,585
	2026	189,986	167,618	184,652	187,522	218,560	237,481	252,490	257,851	235,583	217,767	172,841	182,578	2,504,928	2,497,523
	2027	192,661	169,901	186,999	189,815	221,258	240,366	255,574	260,972	238,380	220,454	174,931	184,950	2,536,261	2,529,110
	2028	195,253	176,485	189,252	192,016	223,845	243,116	258,516	263,966	241,063	223,019	176,953	187,275	2,570,761	2,563,849
	2029	197,776	174,246	191,449	194,170	226,366	245,750	261,330	266,832	243,628	225,555	178,979	189,653	2,595,734	2,588,795
	2030	200,372	176,474	193,780	196,479	229,097	248,600	264,404	269,998	246,492	228,106	181,021	192,095	2,626,916	2,619,881
	2031	203,010	178,729	196,124	198,792	231,825	251,406	267,404	273,067	249,243	230,718	183,094	194,584	2,657,995	2,650,821
	2032	205,697	185,725	198,491	201,121	234,574	254,219	270,407	276,132	251,985	233,468	185,293	197,226	2,694,338	2,686,748
Projected	2033	208,537	183,444	200,990	203,578	237,478	257,180	273,552	279,343	254,864	236,274	187,549	199,867	2,722,655	2,714,952
	2034	211,371	185,853	203,555	206,092	240,420	260,182	276,739	282,583	257,766	239,189	189,917	202,577	2,756,244	2,748,251
	2035	214,277	188,332	206,265	208,753	243,526	263,367	280,126	286,035	260,877	236,219	187,185	199,772	2,774,737	2,783,243
	2036	211,221	190,831	203,634	206,161	240,320	259,610	275,905	281,777	257,080	238,864	189,328	202,210	2,756,941	2,749,717
	2037	213,801	188,050	206,052	208,527	243,059	262,384	278,821	284,725	259,720	225,368	177,448	189,511	2,737,466	2,775,540
	2038	199,234	175,671	193,818	196,696	229,192	246,416	261,468	267,033	243,226	227,329	179,013	191,382	2,610,479	2,605,082
	2039	201,211	177,369	195,678	198,543	231,364	248,590	263,772	269,395	245,345	229,343	180,614	193,313	2,634,536	2,628,990
	2040	203,259	184,058	197,563	200,408	233,557	250,782	266,092	271,766	247,460	231,410	182,248	195,269	2,663,872	2,658,215
	2041	205,334	180,890	199,469	202,287	235,764	252,986	268,419	274,139	249,572	233,476	183,882	197,214	2,683,432	2,677,788
	2042	207,410	182,666	201,395	204,191	238,000	255,227	270,790	276,562	251,736	235,558	185,528	199,185	2,708,248	2,702,548

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	6.9%	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	7.1%	6.7%	7.6%	7.4%	8.2%	9.4%	10.3%	10.4%	9.5%	8.9%	7.3%	7.2%	100.0%
	2021	7.1%	6.8%	7.5%	7.6%	8.9%	9.5%	10.2%	10.5%	9.3%	8.8%	6.7%	7.2%	100.0%
	2022	7.3%	6.5%	7.5%	7.6%	9.1%	9.6%	10.4%	10.3%	8.9%	8.8%	6.8%	7.2%	100.0%
Projected	2023	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2024	7.5%	6.8%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2025	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2026	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2027	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2028	7.6%	6.9%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2029	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2030	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2031	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2032	7.6%	6.9%	7.4%	7.5%	8.7%	9.4%	10.0%	10.2%	9.4%	8.7%	6.9%	7.3%	100.0%
Avg.	2013-2022	7.4%	6.7%	7.3%	7.6%	8.8%	9.5%	10.3%	10.3%	9.2%	8.7%	7.1%	7.2%	100.0%
	2023-2032	7.6%	6.8%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
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FMPA 2023 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	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	424.8	377.6	384.4	414.8	490.7
	2021	380.7	450.1	385.0	405.4	451.5	471.7	489.0	483.8	450.9	432.8	343.1	343.4	450.1	489.0
	2022	439.9	386.1	389.7	397.3	443.4	497.3	490.7	477.8	471.2	433.6	375.2	380.6	439.9	497.3
Projected	2023	449.3	411.6	375.5	399.9	442.4	476.0	490.6	486.0	467.1	424.2	377.1	383.3	449.3	490.6
	2024	452.8	414.5	380.3	405.2	448.3	482.2	497.0	492.5	473.3	430.0	382.7	390.3	452.8	497.0
	2025	461.2	422.2	386.1	410.9	454.7	488.9	503.9	499.3	479.8	436.2	388.4	395.9	461.2	503.9
	2026	467.9	428.3	391.8	416.5	461.0	495.5	510.8	506.1	486.3	442.5	394.1	401.2	467.9	510.8
	2027	474.4	434.1	397.5	422.0	467.1	501.8	517.3	512.5	492.4	448.6	399.4	404.9	474.4	517.3
	2028	479.1	438.2	402.8	427.4	473.1	507.9	523.5	518.7	498.4	454.7	405.3	410.8	479.1	523.5
	2029	486.1	444.6	408.9	432.8	478.9	513.8	529.6	524.8	504.2	460.8	411.3	415.4	486.1	529.6
	2030	491.5	449.6	415.0	438.8	485.5	520.4	536.3	531.5	510.7	467.2	417.3	420.0	491.5	536.3
	2031	497.0	454.5	421.1	444.8	492.0	526.8	542.9	538.0	517.0	473.6	423.2	423.3	497.0	542.9
	2032	501.2	458.2	427.0	450.8	498.5	533.2	549.4	544.6	523.4	480.0	430.1	429.6	501.2	549.4
Projected	2033	508.5	465.0	434.1	457.2	505.4	540.0	556.4	551.5	530.0	487.0	436.6	434.3	508.5	556.4
	2034	514.1	470.1	440.7	463.5	512.3	546.9	563.4	558.5	536.8	494.0	443.2	438.9	514.1	563.4
	2035	519.6	475.1	447.3	470.2	519.5	554.2	570.9	566.0	544.1	488.0	438.6	430.4	519.6	570.9
	2036	508.7	465.3	442.2	464.5	512.2	546.1	562.7	557.4	536.3	494.3	444.8	435.6	508.7	562.7
	2037	514.8	471.0	448.5	470.3	518.4	552.5	569.1	563.8	542.5	463.7	419.2	402.7	514.8	569.1
	2038	472.6	433.6	419.9	441.2	484.2	515.9	531.6	525.3	506.9	468.5	424.0	405.7	472.6	531.6
	2039	476.1	436.8	424.7	446.0	489.3	520.9	536.7	530.4	511.9	473.4	428.7	407.8	476.1	536.7
	2040	478.7	439.1	429.4	450.8	494.4	526.0	541.9	535.5	516.9	478.4	433.9	412.1	478.7	541.9
	2041	483.6	443.7	434.6	455.6	499.5	531.0	547.1	540.7	521.9	483.4	438.8	415.3	483.6	547.1
	2042	487.4	447.1	439.6	460.5	504.7	536.2	552.3	545.9	527.0	488.5	443.8	418.6	487.4	552.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	67.3%	64.2%	59.9%	65.8%	55.3%
	2021	59.4%	53.6%	61.9%	61.5%	63.0%	66.0%	66.6%	68.9%	67.6%	64.5%	64.3%	67.2%	60.1%	55.8%
	2022	54.1%	60.4%	62.4%	64.3%	66.7%	64.7%	68.4%	70.0%	63.5%	65.6%	60.8%	61.3%	62.6%	55.2%
Projected	2023	54.6%	58.3%	63.7%	62.8%	64.0%	66.7%	66.5%	68.6%	67.3%	66.3%	61.2%	61.4%	61.2%	56.0%
	2024	54.7%	57.9%	63.5%	62.6%	63.8%	66.7%	66.5%	68.6%	67.3%	66.3%	61.1%	61.2%	61.6%	55.9%
	2025	54.6%	58.3%	63.4%	62.6%	63.8%	66.6%	66.5%	68.5%	67.3%	66.2%	61.0%	61.2%	61.2%	55.8%
	2026	54.6%	58.2%	63.3%	62.5%	63.7%	66.6%	66.4%	68.5%	67.3%	66.1%	60.9%	61.2%	61.1%	55.8%
	2027	54.6%	58.2%	63.2%	62.5%	63.7%	66.5%	66.4%	68.4%	67.2%	66.1%	60.8%	61.4%	61.0%	55.8%
	2028	54.8%	57.9%	63.1%	62.4%	63.6%	66.5%	66.4%	68.4%	67.2%	65.9%	60.6%	61.3%	61.2%	55.9%
	2029	54.7%	58.3%	62.9%	62.3%	63.5%	66.4%	66.3%	68.3%	67.1%	65.8%	60.4%	61.4%	61.0%	55.8%
	2030	54.8%	58.4%	62.8%	62.2%	63.4%	66.4%	66.3%	68.3%	67.0%	65.6%	60.3%	61.5%	61.0%	55.8%
	2031	54.9%	58.5%	62.6%	62.1%	63.3%	66.3%	66.2%	68.2%	67.0%	65.5%	60.1%	61.8%	61.1%	55.7%
	2032	55.2%	58.2%	62.5%	62.0%	63.2%	66.2%	66.1%	68.2%	66.9%	65.4%	59.8%	61.7%	61.4%	55.8%
Avg-	2013-2022	57.0%	59.0%	61.4%	63.4%	64.9%	66.3%	68.1%	68.9%	65.6%	65.2%	62.2%	62.8%	62.1%	56.1%
	2023-2032	54.7%	58.2%	63.1%	62.4%	63.6%	66.5%	66.4%	68.4%	67.2%	65.9%	60.6%	61.4%	61.2%	55.8%

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 2023 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	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	411.1	346.2	338.0	355.3	475.6
	2021	334.0	384.1	361.8	391.6	446.1	453.5	461.4	469.9	415.3	417.6	304.9	330.7	384.1	469.9
	2022	398.8	312.5	338.4	377.2	418.4	465.4	472.2	465.8	464.2	414.9	342.3	335.4	398.8	465.4
Projected	2023	389.2	364.9	339.3	380.5	425.6	455.5	466.4	466.1	447.2	406.2	344.0	337.9	389.2	466.1
	2024	392.5	367.6	343.6	385.5	431.4	461.5	472.6	472.3	453.1	411.7	349.2	344.1	392.5	472.3
	2025	400.0	374.5	348.8	390.9	437.5	467.9	479.1	478.8	459.2	417.6	354.3	349.1	400.0	478.8
	2026	406.0	380.0	353.8	396.3	443.6	474.2	485.6	485.3	465.4	423.5	359.5	353.9	406.0	485.3
	2027	411.9	385.2	358.9	401.5	449.5	480.2	491.7	491.5	471.3	429.3	364.3	357.3	411.9	491.5
	2028	416.4	389.1	363.6	406.6	455.2	486.0	497.6	497.4	476.9	435.0	369.6	362.5	416.4	497.4
	2029	422.5	394.7	369.0	411.6	460.8	491.5	503.3	503.1	482.4	440.8	374.9	366.5	422.5	503.1
	2030	427.4	399.1	374.4	417.2	467.0	497.7	509.5	509.4	488.4	446.8	380.3	370.5	427.4	509.4
	2031	432.3	403.6	379.8	422.8	473.1	503.7	515.6	515.5	494.3	452.7	385.5	373.6	432.3	515.5
	2032	436.2	407.0	385.1	428.4	479.3	509.7	521.8	521.7	500.2	458.7	391.8	379.1	436.2	521.7
Projected	2033	442.6	413.0	391.3	434.3	485.8	516.1	528.2	528.2	506.5	465.2	397.6	383.3	442.6	528.2
	2034	447.6	417.5	397.1	440.2	492.3	522.5	534.7	534.7	512.8	471.8	403.4	387.3	447.6	534.7
	2035	452.5	421.9	403.0	446.4	499.1	529.4	541.7	541.8	519.6	465.8	399.0	379.6	452.5	541.8
	2036	441.9	412.5	397.8	440.8	491.6	521.4	533.5	533.0	512.2	471.7	404.6	384.1	441.9	533.0
	2037	447.1	417.5	403.3	446.1	497.5	527.3	539.5	539.0	518.1	443.7	383.0	354.8	447.1	539.0
	2038	405.5	383.4	379.0	419.3	465.0	492.9	504.8	503.2	485.3	448.3	387.4	357.5	405.5	503.2
	2039	408.5	386.3	383.4	423.8	469.9	497.7	509.7	508.0	490.1	452.9	391.7	359.5	408.5	508.0
	2040	411.0	388.4	387.7	428.3	474.8	502.5	514.5	512.9	494.8	457.7	396.4	363.3	411.0	512.9
	2041	415.2	392.5	392.3	432.9	479.7	507.3	519.4	517.8	499.6	462.5	400.9	366.1	415.2	517.8
	2042	418.5	395.6	396.8	437.5	484.7	512.3	524.4	522.8	504.4	467.3	405.5	369.1	418.5	522.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	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%	96.8%	91.7%	87.9%	85.7%	96.9%
	2021	87.7%	85.3%	94.0%	96.6%	98.8%	96.2%	94.4%	97.1%	92.1%	96.5%	88.9%	96.3%	85.3%	96.1%
	2022	90.7%	80.9%	86.9%	94.9%	94.4%	93.6%	96.2%	97.5%	98.5%	95.7%	91.2%	88.1%	90.7%	93.6%
Projected	2023	86.6%	88.7%	90.4%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.2%	86.6%	95.0%
	2024	86.7%	88.7%	90.4%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.2%	86.7%	95.0%
	2025	86.7%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.2%	86.7%	95.0%
	2026	86.8%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.2%	86.8%	95.0%
	2027	86.8%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.2%	86.8%	95.0%
	2028	86.9%	88.8%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.2%	86.9%	95.0%
	2029	86.9%	88.8%	90.2%	95.1%	96.2%	95.7%	95.0%	95.9%	95.7%	95.6%	91.2%	88.2%	86.9%	95.0%
	2030	87.0%	88.8%	90.2%	95.1%	96.2%	95.6%	95.0%	95.8%	95.6%	95.6%	91.1%	88.2%	87.0%	95.0%
	2031	87.0%	88.8%	90.2%	95.1%	96.2%	95.6%	95.0%	95.8%	95.6%	95.6%	91.1%	88.3%	87.0%	95.0%
	2032	87.0%	88.8%	90.2%	95.0%	96.1%	95.6%	95.0%	95.8%	95.6%	95.6%	91.1%	88.2%	87.0%	94.9%
2013-2022		85.5%	89.0%	90.2%	95.1%	96.1%	95.6%	95.0%	95.8%	95.5%	95.4%	91.9%	89.0%	88.8%	95.7%
2023-2032		86.8%	88.7%	90.3%	95.1%	96.2%	95.7%	95.0%	95.9%	95.7%	95.7%	91.2%	88.2%	86.8%	95.0%

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 2023 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	2013	1,827,744	-	1,856,018	-	1.5%	342.2	-	346.7	-	1.3%	391.2	-	400.7	-	2.4%
	2014	1,853,952	1.4%	1,872,557	0.9%	1.0%	371.1	8.5%	386.8	11.5%	4.2%	406.2	3.8%	407.2	1.6%	0.3%
	2015	1,902,497	2.6%	1,880,629	0.4%	-1.1%	407.6	9.8%	389.2	0.6%	-4.5%	419.6	3.3%	425.2	4.4%	1.3%
	2016	1,959,340	3.0%	1,924,443	2.3%	-1.8%	343.2	-15.8%	383.2	-1.5%	11.7%	429.1	2.3%	419.4	-1.4%	-2.3%
	2017	1,906,152	-2.7%	1,938,525	0.7%	1.7%	308.4	-10.1%	349.5	-8.8%	13.3%	423.7	-1.2%	441.3	5.2%	4.1%
	2018	1,961,543	2.9%	1,928,697	-0.5%	-1.7%	442.1	43.4%	429.0	22.8%	-2.9%	424.2	0.1%	420.9	-4.6%	-0.8%
	2019	2,001,879	2.1%	1,950,586	1.1%	-2.6%	324.2	-26.7%	409.2	-4.6%	26.2%	449.9	6.1%	442.1	5.0%	-1.7%
	2020	2,022,399	1.0%	2,020,357	3.6%	-0.1%	365.5	12.7%	405.8	-0.8%	11.0%	445.3	-1.0%	441.5	-0.1%	-0.8%
	2021	2,043,324	1.0%	2,024,983	0.2%	-0.9%	399.1	9.2%	419.4	3.4%	5.1%	446.4	0.2%	458.5	3.8%	2.7%
	2022	2,075,602	1.6%	2,064,480	2.0%	-0.5%	416.6	4.4%	401.5	-4.3%	-3.6%	468.6	5.0%	447.2	-2.5%	-4.6%
Projected	2023	2,098,221	1.1%	2,098,221	1.6%		416.0	-0.2%	416.0	3.6%		461.3	-1.5%	461.3	3.2%	
	2024			2,146,280	2.3%				428.4	3.0%				469.1	1.7%	
	2025			2,169,694	1.1%				432.6	1.0%				476.0	1.5%	
	2026			2,201,356	1.5%				439.3	1.5%				482.9	1.4%	
	2027			2,232,458	1.4%				445.8	1.5%				489.6	1.4%	
	2028			2,271,652	1.8%				454.6	2.0%				496.2	1.4%	
	2029			2,294,145	1.0%				458.7	0.9%				502.7	1.3%	
	2030			2,325,463	1.4%				465.1	1.4%				509.5	1.3%	
	2031			2,356,380	1.3%				471.7	1.4%				515.9	1.3%	
	2032			2,393,665	1.6%				480.3	1.8%				521.8	1.1%	
	2033			2,411,781	0.8%				483.6	0.7%				527.5	1.1%	
	2034			2,440,941	1.2%				489.3	1.2%				533.5	1.2%	
	2035			2,471,276	1.2%				494.7	1.1%				540.1	1.2%	
	2036			2,511,460	1.6%				502.7	1.6%				546.7	1.2%	
	2037			2,531,549	0.8%				505.3	0.5%				552.9	1.1%	
	2038			2,559,829	1.1%				510.2	1.0%				559.1	1.1%	
	2039			2,587,240	1.1%				515.4	1.0%				565.0	1.0%	
	2040			2,622,892	1.4%				523.3	1.5%				570.4	1.0%	
	2041			2,638,046	0.6%				525.5	0.4%				575.7	0.9%	
	2042			2,610,711	-1.0%				518.2	-1.4%				570.7	-0.9%	
CAGR^[3]	2013-2022		1.4%		1.2%			2.2%		1.6%			2.0%		1.2%	
	2023-2032				1.5%					1.6%					1.4%	
	2033-2042				0.9%					0.8%					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 2023 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	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	140,708	121,154	139,794	150,435	177,246	177,339	195,874	204,966	175,032	165,562	130,336	143,069	1,921,515	1,906,152
	2018	173,503	128,997	136,210	138,814	165,178	187,216	190,961	204,433	197,264	173,536	140,929	143,251	1,980,292	1,961,543
	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	178,968	142,592	155,497	2,043,140	2,022,399
	2021	153,378	134,581	148,575	148,124	181,269	191,356	204,336	213,556	191,092	175,611	138,040	144,005	2,023,922	2,043,324
	2022	162,545	139,809	148,035	154,309	188,969	208,668	214,881	215,423	185,308	175,104	142,827	154,021	2,089,898	2,075,602
Projected	2023	164,292	142,539	153,022	154,395	184,789	201,414	211,364	218,440	196,015	176,691	146,594	158,061	2,107,615	2,098,221
	2024	168,064	153,680	156,191	157,482	188,469	204,704	215,205	222,154	198,986	179,596	148,753	160,337	2,153,621	2,146,280
	2025	170,569	148,068	158,254	159,695	191,094	207,518	218,363	225,456	201,990	182,350	150,912	162,783	2,177,053	2,169,694
	2026	173,240	150,327	160,494	161,974	193,844	210,478	221,510	228,660	204,783	184,929	153,010	165,216	2,208,466	2,201,356
	2027	175,833	152,564	162,762	164,275	196,639	213,388	224,550	231,774	207,519	187,487	155,111	167,690	2,239,590	2,232,458
	2028	178,433	163,048	165,016	166,556	199,399	216,249	227,550	234,868	210,245	190,066	157,231	170,217	2,278,878	2,271,652
	2029	181,063	157,057	167,268	168,825	202,138	219,048	230,474	237,876	212,882	192,600	159,318	172,758	2,301,308	2,294,145
	2030	183,718	159,342	169,553	171,136	204,951	221,920	233,502	241,016	215,648	195,186	161,441	175,393	2,332,806	2,325,463
	2031	186,467	161,675	171,824	173,408	207,701	224,688	236,394	243,984	218,220	197,587	163,385	177,850	2,363,182	2,356,380
	2032	189,030	172,646	173,905	175,489	210,238	227,216	239,042	246,706	220,571	199,808	165,181	180,194	2,400,027	2,393,665
Projected	2033	191,474	165,926	175,861	177,449	212,645	229,597	241,546	249,293	222,805	202,272	167,223	182,668	2,418,760	2,411,781
	2034	194,040	168,098	178,409	179,620	215,247	232,196	244,255	252,063	225,209	204,762	169,309	185,107	2,447,957	2,440,941
	2035	196,569	170,259	180,336	181,898	217,975	234,964	247,169	255,067	227,862	207,327	171,477	187,610	2,478,511	2,471,276
	2036	199,164	181,808	182,682	184,222	220,732	237,767	250,101	258,068	230,501	209,806	173,557	189,995	2,518,404	2,511,460
	2037	201,637	174,567	184,923	186,438	223,359	240,436	252,894	260,926	233,011	212,095	175,473	192,236	2,537,995	2,531,549
	2038	203,977	176,571	187,043	188,551	225,897	243,037	255,646	263,772	235,531	214,329	177,330	194,509	2,566,193	2,559,829
	2039	206,359	178,593	189,087	190,577	228,342	245,516	258,259	266,460	237,879	216,462	179,077	196,695	2,593,306	2,587,240
	2040	208,650	190,391	190,997	192,467	230,636	247,822	260,688	268,959	240,047	218,535	180,772	198,824	2,628,789	2,622,892
	2041	210,879	182,418	192,850	194,298	232,861	250,052	263,039	271,376	242,142	216,146	178,753	196,815	2,631,630	2,638,046
	2042	208,815	180,705	190,872	192,162	230,365	247,588	260,430	268,631	239,428	218,214	180,447	198,927	2,616,584	2,610,711

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	6.7%	7.7%	7.3%	8.4%	9.5%	10.1%	10.2%	9.3%	8.8%	7.0%	7.6%	100.0%
	2021	7.6%	6.6%	7.3%	7.3%	9.0%	9.5%	10.1%	10.6%	9.4%	8.7%	6.8%	7.1%	100.0%
	2022	7.8%	6.7%	7.1%	7.4%	9.0%	10.0%	10.3%	10.3%	8.9%	8.4%	6.8%	7.4%	100.0%
Projected	2023	7.8%	6.8%	7.3%	7.3%	8.8%	9.6%	10.0%	10.4%	9.3%	8.4%	7.0%	7.5%	100.0%
	2024	7.8%	7.1%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.4%	100.0%
	2025	7.8%	6.8%	7.3%	7.3%	8.8%	9.5%	10.0%	10.4%	9.3%	8.4%	6.9%	7.5%	100.0%
	2026	7.8%	6.8%	7.3%	7.3%	8.8%	9.5%	10.0%	10.4%	9.3%	8.4%	6.9%	7.5%	100.0%
	2027	7.9%	6.8%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.3%	8.4%	6.9%	7.5%	100.0%
	2028	7.8%	7.2%	7.2%	7.3%	8.7%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.5%	100.0%
	2029	7.9%	6.8%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.3%	8.4%	6.9%	7.5%	100.0%
	2030	7.9%	6.8%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.4%	6.9%	7.5%	100.0%
	2031	7.9%	6.8%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.4%	6.9%	7.5%	100.0%
	2032	7.9%	7.2%	7.2%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.5%	100.0%
Avg.	2013-2022	7.8%	6.7%	7.2%	7.5%	8.8%	9.6%	10.0%	10.3%	9.3%	8.5%	7.0%	7.3%	100.0%
	2023-2032	7.8%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.3%	8.4%	6.9%	7.5%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
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FMPA 2023 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	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	345.1	284.4	313.0	380.9	398.2	409.9	419.4	429.8	401.5	390.7	285.3	347.4	345.1	429.8
	2018	448.0	309.7	286.4	300.4	368.6	413.9	412.1	426.6	424.1	400.4	331.8	343.4	448.0	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	390.2	319.1	359.0	380.9	453.3
	2021	362.4	399.1	342.6	357.3	421.0	425.6	438.8	450.2	410.2	399.0	288.3	274.1	399.1	450.2
	2022	434.0	358.9	335.7	357.3	413.9	470.9	448.6	461.0	446.8	400.4	342.8	317.2	434.0	470.9
Projected	2023	421.4	377.1	333.8	368.1	424.2	456.7	447.2	467.4	438.3	399.1	353.2	326.7	421.4	467.4
	2024	434.0	388.4	344.0	374.5	431.6	464.4	454.7	475.3	445.7	406.1	356.7	329.9	434.0	475.3
	2025	438.2	392.2	347.6	380.2	438.2	471.2	461.4	482.3	452.3	412.4	362.5	335.1	438.2	482.3
	2026	445.0	398.3	353.2	386.0	444.8	478.0	468.1	489.3	458.8	418.8	368.3	340.1	445.0	489.3
	2027	451.6	404.2	358.9	391.7	451.4	484.7	474.5	496.1	465.2	425.1	376.2	346.9	451.6	496.1
	2028	460.6	412.3	366.6	397.4	458.0	491.3	481.0	502.8	471.5	431.5	380.3	350.1	460.6	502.8
	2029	464.7	416.0	370.7	403.2	464.5	497.7	487.4	509.5	477.7	437.9	386.6	355.1	464.7	509.5
	2030	471.2	421.8	376.9	409.3	471.5	504.5	494.0	516.4	484.2	444.5	393.2	360.2	471.2	516.4
	2031	477.9	427.9	383.4	415.2	478.2	511.0	500.3	523.0	490.4	450.9	401.6	366.9	477.9	523.0
	2032	486.6	435.8	391.5	420.8	484.5	516.9	506.1	529.1	496.1	456.9	405.6	369.6	486.6	529.1
Projected	2033	490.0	438.9	395.5	426.2	490.7	522.6	511.7	534.9	501.5	463.2	411.7	374.1	490.0	534.9
	2034	495.8	444.1	401.6	431.8	497.0	528.7	517.7	541.1	507.4	469.5	417.6	378.3	495.8	541.1
	2035	501.2	449.0	407.4	437.7	503.5	535.3	524.1	547.8	513.8	475.8	425.9	384.6	501.2	547.8
	2036	509.5	456.5	415.3	443.6	510.0	541.9	530.6	554.6	520.2	482.0	429.3	386.7	509.5	554.6
	2037	512.0	458.8	418.8	449.1	516.2	548.2	536.8	561.0	526.3	487.8	434.8	390.6	512.0	561.0
	2038	517.0	463.3	424.1	454.7	522.3	554.4	542.9	567.3	532.3	493.4	440.4	394.7	517.0	567.3
	2039	522.4	468.2	429.7	460.1	528.4	560.3	548.7	573.3	538.0	499.0	448.4	400.9	522.4	573.3
	2040	530.4	475.4	437.3	465.2	534.1	565.8	554.1	578.9	543.3	504.5	451.5	402.7	530.4	578.9
	2041	532.6	477.4	440.5	470.2	539.7	571.1	559.3	584.4	548.4	499.3	447.7	397.1	532.6	584.4
	2042	525.2	471.6	436.2	465.3	534.3	565.2	553.5	578.3	542.6	504.7	453.1	401.0	525.2	578.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	54.9%	59.8%	60.1%	62.8%	64.1%	60.5%	56.9%	63.4%	55.4%	63.6%	50.6%
	2018	52.1%	62.0%	63.9%	64.2%	60.2%	62.8%	62.3%	64.4%	64.6%	58.3%	59.0%	56.1%	50.5%	52.5%
	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%	61.6%	62.1%	58.2%	61.2%	50.9%
	2021	56.9%	50.2%	58.3%	57.6%	57.9%	62.4%	62.6%	63.8%	64.7%	59.2%	66.5%	70.6%	57.9%	51.8%
	2022	50.3%	58.0%	59.3%	60.0%	61.4%	61.5%	64.4%	62.8%	57.6%	58.8%	57.9%	65.3%	55.0%	50.3%
Projected	2023	52.4%	56.3%	61.6%	58.3%	58.5%	61.3%	63.5%	62.8%	62.1%	59.5%	57.6%	65.0%	57.1%	51.2%
	2024	52.1%	56.9%	61.0%	58.4%	58.7%	61.2%	63.6%	62.8%	62.0%	59.4%	57.9%	65.3%	56.6%	51.5%
	2025	52.3%	56.2%	61.2%	58.3%	58.6%	61.2%	63.6%	62.8%	62.0%	59.4%	57.8%	65.3%	56.7%	51.4%
	2026	52.3%	56.2%	61.1%	58.3%	58.6%	61.2%	63.6%	62.8%	62.0%	59.4%	57.7%	65.3%	56.7%	51.4%
	2027	52.3%	56.2%	61.0%	58.3%	58.6%	61.2%	63.6%	62.8%	62.0%	59.3%	57.3%	65.0%	56.6%	51.4%
	2028	52.1%	56.8%	60.5%	58.2%	58.5%	61.1%	63.6%	62.8%	61.9%	59.2%	57.4%	65.3%	56.5%	51.6%
	2029	52.4%	56.2%	60.6%	58.2%	58.5%	61.1%	63.6%	62.8%	61.9%	59.1%	57.2%	65.4%	56.5%	51.4%
	2030	52.4%	56.2%	60.5%	58.1%	58.4%	61.1%	63.5%	62.7%	61.9%	59.0%	57.0%	65.4%	56.5%	51.4%
	2031	52.4%	56.2%	60.2%	58.0%	58.4%	61.1%	63.5%	62.7%	61.8%	58.9%	56.5%	65.2%	56.5%	51.4%
	2032	52.2%	56.9%	59.7%	57.9%	58.3%	61.0%	63.5%	62.7%	61.7%	58.8%	56.6%	65.5%	56.3%	51.6%
Avg.	2013-2022	55.4%	57.2%	60.5%	59.4%	59.5%	61.6%	62.8%	63.3%	61.7%	59.5%	60.3%	62.8%	57.9%	51.3%
	2023-2032	52.3%	56.4%	60.7%	58.2%	58.5%	61.1%	63.6%	62.8%	61.9%	59.2%	57.3%	65.3%	56.6%	51.4%

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 2023 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	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	429.0	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	341.0	280.6	308.4	380.2	386.8	405.7	414.7	423.7	379.4	390.4	283.7	347.2	308.4	423.7
	2018	442.1	306.3	274.1	289.4	361.7	380.5	405.0	424.2	412.0	397.0	324.2	343.1	442.1	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	384.0	274.3	348.5	365.5	445.3
	2021	361.9	399.1	339.0	344.0	416.9	408.1	434.8	446.4	397.8	397.3	271.3	243.7	399.1	446.4
	2022	416.6	357.0	310.5	341.7	410.3	468.6	436.9	457.6	438.6	393.8	326.2	300.5	416.6	468.6
Projected	2023	416.0	372.7	319.6	359.3	416.4	445.5	436.6	461.3	427.6	392.5	336.1	309.5	416.0	461.3
	2024	428.4	383.9	329.2	365.5	423.6	453.0	443.9	469.1	434.8	399.4	339.4	312.5	428.4	469.1
	2025	432.6	387.6	332.6	371.1	430.1	459.7	450.5	476.0	441.1	405.6	344.9	317.4	432.6	476.0
	2026	439.3	393.6	338.0	376.6	436.6	466.2	456.9	482.9	447.4	411.7	350.4	322.1	439.3	482.9
	2027	445.8	399.4	343.4	382.2	443.0	472.7	463.2	489.6	453.6	417.9	357.9	328.6	445.8	489.6
	2028	454.6	407.4	350.7	387.7	449.4	479.1	469.5	496.2	459.7	424.1	361.8	331.6	454.6	496.2
	2029	458.7	411.1	354.7	393.3	455.8	485.3	475.6	502.7	465.7	430.4	367.8	336.3	458.7	502.7
	2030	465.1	416.8	360.6	399.2	462.5	491.8	482.0	509.5	471.9	436.8	374.0	341.1	465.1	509.5
	2031	471.7	422.8	366.7	404.9	469.1	498.0	488.1	515.9	477.9	443.1	381.9	347.4	471.7	515.9
	2032	480.3	430.6	374.4	410.3	475.2	503.7	493.7	521.8	483.3	448.9	385.6	350.0	480.3	521.8
Projected	2033	483.6	433.6	378.2	415.5	481.2	509.1	499.0	527.5	488.5	455.0	391.4	354.2	483.6	527.5
	2034	489.3	438.7	383.9	420.9	487.3	515.0	504.8	533.5	494.1	461.2	397.0	358.2	489.3	533.5
	2035	494.7	443.6	389.3	426.6	493.6	521.3	511.0	540.1	500.3	467.3	404.7	364.1	494.7	540.1
	2036	502.7	450.9	396.9	432.2	499.9	527.7	517.3	546.7	506.4	473.3	407.9	366.1	502.7	546.7
	2037	505.3	453.2	400.1	437.6	505.9	533.7	523.2	552.9	512.2	478.9	413.0	369.7	505.3	552.9
	2038	510.2	457.6	405.2	443.0	511.9	539.7	529.1	559.1	518.0	484.4	418.4	373.6	510.2	559.1
	2039	515.4	462.4	410.5	448.1	517.8	545.4	534.7	565.0	523.5	489.8	425.9	379.4	515.4	565.0
	2040	523.3	469.5	417.7	453.1	523.4	550.6	539.9	570.4	528.5	495.2	428.7	381.1	523.3	570.4
	2041	525.5	471.5	420.6	457.9	528.8	555.7	544.9	575.7	533.4	490.8	425.8	375.8	525.5	575.7
	2042	518.2	466.5	417.3	454.1	524.6	550.8	540.2	570.7	528.4	496.1	430.9	379.4	518.2	570.7

Monthly Coincidence Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	98.4%	86.0%	97.1%	96.0%	98.2%
	2021	99.9%	100.0%	98.9%	96.3%	99.0%	95.9%	99.1%	99.1%	97.0%	99.6%	94.1%	88.9%	100.0%	99.1%
	2022	96.0%	99.5%	92.5%	95.6%	99.1%	99.5%	97.4%	99.3%	98.2%	98.3%	95.2%	94.7%	96.0%	99.5%
Projected	2023	98.7%	98.8%	95.7%	97.6%	98.1%	97.6%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2024	98.7%	98.8%	95.7%	97.6%	98.1%	97.6%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2025	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2026	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.1%	94.7%	98.7%	98.7%
	2027	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.1%	94.7%	98.7%	98.7%
	2028	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.1%	94.7%	98.7%	98.7%
	2029	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.1%	94.7%	98.7%	98.7%
	2030	98.7%	98.8%	95.7%	97.5%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.1%	94.7%	98.7%	98.7%
	2031	98.7%	98.8%	95.6%	97.5%	98.1%	97.5%	97.6%	98.6%	97.4%	98.3%	95.1%	94.7%	98.7%	98.6%
	2032	98.7%	98.8%	95.6%	97.5%	98.1%	97.4%	97.5%	98.6%	97.4%	98.2%	95.1%	94.7%	98.7%	98.6%
2013-2022		98.5%	98.9%	95.6%	97.7%	98.1%	97.3%	97.5%	98.6%	97.4%	98.1%	96.1%	94.1%	95.6%	98.8%
2023-2032		98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.1%	94.7%	98.7%	98.7%

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 2023 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	Year	2013	5,914,988	-	6,025,455	-	1.9%	1,009.9	-	974.3	-	-3.5%	1,222.0	-	1,259.5	3.1%
	2014	5,733,592	-3.1%	5,737,586	-4.8%	0.1%	996.9	-1.3%	1,065.7	9.4%	6.9%	1,185.1	-3.0%	1,180.9	-6.2%	-0.4%
	2015	5,777,052	0.8%	5,704,073	-0.6%	-1.3%	1,128.5	13.2%	990.7	-7.0%	-12.2%	1,194.4	0.8%	1,212.8	2.7%	1.5%
	2016	5,981,790	3.5%	5,868,866	2.9%	-1.9%	1,009.9	-10.5%	1,028.8	3.8%	1.9%	1,267.7	6.1%	1,233.3	1.7%	-2.7%
	2017	5,827,865	-2.6%	5,873,867	0.1%	0.8%	919.8	-8.9%	935.2	-9.1%	1.7%	1,236.7	-2.4%	1,281.7	3.9%	3.6%
	2018	5,947,009	2.0%	5,896,883	0.4%	-0.8%	1,180.3	28.3%	1,114.1	19.1%	-5.6%	1,238.9	0.2%	1,266.9	-1.2%	2.3%
	2019	6,082,512	2.3%	5,919,867	0.4%	-2.7%	979.8	-17.0%	1,123.8	0.9%	14.7%	1,292.4	4.3%	1,277.3	0.8%	-1.2%
	2020	6,082,634	0.0%	5,970,182	0.8%	-1.8%	1,022.3	4.3%	1,088.7	-3.1%	6.5%	1,281.4	-0.9%	1,278.4	0.1%	-0.2%
	2021	6,166,622	1.4%	6,101,299	2.2%	-1.1%	1,056.1	3.3%	1,089.2	0.1%	3.1%	1,294.2	1.0%	1,297.6	1.5%	0.3%
	2022	6,257,496	1.5%	6,183,670	1.4%	-1.2%	1,109.0	5.0%	1,077.9	-1.0%	-2.8%	1,306.7	1.0%	1,299.6	0.2%	-0.5%
Projected	2023	6,247,813	-0.2%	6,247,813	1.0%		1,084.6	-2.2%	1,084.6	0.6%		1,296.7	-0.8%	1,296.7	-0.2%	
	2024			6,208,532	-0.6%				1,076.5	-0.7%				1,286.9	-0.8%	
	2025			6,166,692	-0.7%				1,073.5	-0.3%				1,281.2	-0.4%	
	2026			6,145,417	-0.3%				1,071.7	-0.2%				1,277.0	-0.3%	
	2027			6,135,727	-0.2%				1,071.9	0.0%				1,275.7	-0.1%	
	2028			6,150,204	0.2%				1,074.5	0.2%				1,275.8	0.0%	
	2029			6,139,274	-0.2%				1,077.4	0.3%				1,276.5	0.1%	
	2030			6,146,197	0.1%				1,081.2	0.4%				1,278.3	0.1%	
	2031			6,156,244	0.2%				1,086.3	0.5%				1,280.0	0.1%	
	2032			6,178,204	0.4%				1,091.5	0.5%				1,281.1	0.1%	
	2033			6,171,044	-0.1%				1,096.2	0.4%				1,282.3	0.1%	
	2034			6,187,335	0.3%				1,101.2	0.5%				1,285.4	0.2%	
	2035			6,209,237	0.4%				1,105.9	0.4%				1,290.1	0.4%	
	2036			6,179,194	-0.5%				1,097.6	-0.8%				1,280.3	-0.8%	
	2037			6,184,927	0.1%				1,101.6	0.4%				1,284.5	0.3%	
	2038			6,059,088	-2.0%				1,071.1	-2.8%				1,257.9	-2.1%	
	2039			6,079,377	0.3%				1,075.7	0.4%				1,262.3	0.3%	
	2040			6,113,770	0.6%				1,081.0	0.5%				1,266.3	0.3%	
	2041			6,118,596	0.1%				1,085.4	0.4%				1,270.3	0.3%	
	2042			6,098,010	-0.3%				1,079.9	-0.5%				1,265.9	-0.3%	
CAGR ^[3]	2013-2022		0.6%		0.3%			1.0%		1.1%			0.7%		0.3%	
	2023-2032				-0.1%					0.1%					-0.1%	
	2033-2042				-0.1%					-0.2%					-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

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 2023 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	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	420,501	369,488	422,913	462,373	543,871	546,093	610,626	626,595	521,538	510,314	404,255	427,914	5,866,482	5,827,865
	2018	487,083	396,364	410,759	435,098	497,243	566,526	596,706	617,855	596,890	535,843	436,820	427,594	6,004,781	5,947,009
	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	545,943	440,864	444,548	6,129,243	6,082,634
	2021	437,564	409,376	453,416	457,716	551,422	580,029	623,477	646,967	575,300	535,911	409,289	440,584	6,121,051	6,166,622
	2022	466,096	408,934	458,502	473,518	574,812	615,145	656,576	653,468	564,661	537,681	427,495	453,279	6,290,167	6,257,496
Projected	2023	475,658	418,226	456,774	466,874	548,995	596,373	636,659	645,470	584,330	529,087	425,205	449,157	6,232,807	6,247,813
	2024	471,502	429,526	452,422	462,483	544,354	591,094	632,080	641,124	580,499	526,352	422,901	447,493	6,201,831	6,208,532
	2025	469,922	413,565	450,074	460,285	541,927	588,343	629,426	638,330	578,072	524,301	420,966	446,156	6,161,368	6,166,692
	2026	468,668	412,418	448,159	458,443	540,014	586,244	627,426	636,341	576,280	522,771	419,542	445,479	6,141,786	6,145,417
	2027	468,163	412,040	447,133	457,566	539,318	585,424	626,795	635,757	575,740	522,438	419,085	445,837	6,135,295	6,135,727
	2028	468,608	426,810	446,832	457,393	539,352	585,320	626,885	635,866	575,778	522,504	418,896	446,501	6,150,745	6,150,204
	2029	469,378	413,131	446,755	457,446	539,662	585,491	627,256	636,238	576,015	522,697	418,750	447,287	6,140,106	6,139,274
	2030	470,335	414,019	446,835	457,704	540,300	586,069	628,148	637,211	576,843	523,412	419,016	448,625	6,148,517	6,146,197
	2031	471,816	415,298	447,210	458,197	541,159	586,778	629,085	638,129	577,518	524,088	419,166	449,840	6,158,284	6,156,244
	2032	473,159	430,927	447,375	458,461	541,752	587,178	629,684	638,704	577,869	524,594	419,176	450,966	6,179,847	6,178,204
Projected	2033	474,445	417,565	447,483	458,693	542,366	587,620	630,361	639,403	578,372	525,982	420,045	452,594	6,174,928	6,171,044
	2034	476,208	419,088	448,439	459,726	543,760	588,964	631,930	640,945	579,654	527,758	421,296	454,339	6,192,108	6,187,335
	2035	478,098	420,763	449,856	461,232	545,677	590,974	634,238	643,945	581,732	524,323	418,040	451,191	6,199,397	6,209,237
	2036	474,686	432,578	446,507	457,999	541,840	586,636	629,550	638,475	577,369	526,139	419,342	452,887	6,184,009	6,179,194
	2037	476,474	419,567	447,884	459,428	543,598	588,442	631,573	640,473	579,121	515,957	410,253	443,441	6,156,210	6,184,927
	2038	465,716	410,473	438,592	450,537	533,340	576,713	619,085	627,739	567,242	517,538	411,341	445,137	6,063,453	6,059,088
	2039	467,544	412,089	439,871	451,914	535,127	578,564	621,230	629,889	569,132	519,221	412,457	446,914	6,083,954	6,079,377
	2040	469,453	428,285	441,109	453,232	536,846	580,302	623,237	631,876	570,838	520,881	413,540	448,634	6,118,233	6,113,770
	2041	471,307	415,373	442,308	454,509	538,519	581,995	625,200	633,821	572,509	519,126	411,788	447,195	6,113,650	6,118,596
	2042	469,880	414,220	440,628	452,773	536,589	580,104	623,398	631,826	570,484	520,944	413,024	448,998	6,102,867	6,098,010

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	7.4%	8.3%	9.5%	10.2%	10.4%	9.5%	8.9%	7.2%	7.3%	100.0%
	2021	7.1%	6.7%	7.4%	7.5%	9.0%	9.5%	10.2%	10.6%	9.4%	8.8%	6.7%	7.2%	100.0%
	2022	7.4%	6.5%	7.3%	7.5%	9.1%	9.8%	10.4%	10.4%	9.0%	8.5%	6.8%	7.2%	100.0%
Projected	2023	7.6%	6.7%	7.3%	7.5%	8.8%	9.6%	10.2%	10.4%	9.4%	8.5%	6.8%	7.2%	100.0%
	2024	7.6%	6.9%	7.3%	7.5%	8.8%	9.5%	10.2%	10.3%	9.4%	8.5%	6.8%	7.2%	100.0%
	2025	7.6%	6.7%	7.3%	7.5%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	7.2%	100.0%
	2026	7.6%	6.7%	7.3%	7.5%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	7.3%	100.0%
	2027	7.6%	6.7%	7.3%	7.5%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	7.3%	100.0%
	2028	7.6%	6.9%	7.3%	7.4%	8.8%	9.5%	10.2%	10.3%	9.4%	8.5%	6.8%	7.3%	100.0%
	2029	7.6%	6.7%	7.3%	7.5%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	7.3%	100.0%
	2030	7.6%	6.7%	7.3%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	7.3%	100.0%
	2031	7.7%	6.7%	7.3%	7.4%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	7.3%	100.0%
	2032	7.7%	7.0%	7.2%	7.4%	8.8%	9.5%	10.2%	10.3%	9.4%	8.5%	6.8%	7.3%	100.0%
Avg	2013-2022	7.4%	6.6%	7.2%	7.6%	8.8%	9.6%	10.2%	10.4%	9.3%	8.6%	7.0%	7.2%	100.0%
	2023-2032	7.6%	6.8%	7.3%	7.5%	8.8%	9.5%	10.2%	10.4%	9.4%	8.5%	6.8%	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 2023 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	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	981.0	845.4	971.0	1,111.6	1,194.5	1,201.3	1,251.4	1,267.4	1,203.9	1,139.4	888.2	960.2	981.0	1,267.4
	2018	1,220.9	928.7	904.0	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	1,220.9	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	1,150.1	973.0	984.0	1,058.6	1,312.8
	2021	965.5	1,122.2	1,040.3	1,083.5	1,228.8	1,259.6	1,290.7	1,312.0	1,216.0	1,183.2	889.1	889.1	1,122.2	1,312.0
	2022	1,184.3	1,008.1	1,009.5	1,074.3	1,211.1	1,353.1	1,327.2	1,318.5	1,298.2	1,171.8	982.5	948.7	1,184.3	1,353.1
Projected	2023	1,161.6	1,063.8	1,027.8	1,080.3	1,214.4	1,292.7	1,303.1	1,326.1	1,261.0	1,154.9	975.7	941.6	1,161.6	1,326.1
	2024	1,153.0	1,055.9	1,021.8	1,073.5	1,206.7	1,282.9	1,293.5	1,316.2	1,251.5	1,147.5	972.3	939.9	1,153.0	1,316.2
	2025	1,150.2	1,053.5	1,018.8	1,069.9	1,202.9	1,277.3	1,287.9	1,310.5	1,245.9	1,143.8	970.6	938.5	1,150.2	1,310.5
	2026	1,148.4	1,051.9	1,017.7	1,067.7	1,200.5	1,273.0	1,283.8	1,306.3	1,241.7	1,141.3	970.8	938.6	1,148.4	1,306.3
	2027	1,148.5	1,052.0	1,018.4	1,067.9	1,200.9	1,271.6	1,282.4	1,305.0	1,240.3	1,141.5	973.8	940.3	1,148.5	1,305.0
	2028	1,150.9	1,054.1	1,021.9	1,069.5	1,202.9	1,271.6	1,282.5	1,305.2	1,240.3	1,143.1	976.4	943.6	1,150.9	1,305.2
	2029	1,154.2	1,057.4	1,025.5	1,071.7	1,205.5	1,272.2	1,283.1	1,305.9	1,240.8	1,145.3	980.3	947.0	1,154.2	1,305.9
	2030	1,158.2	1,061.2	1,030.1	1,075.0	1,209.4	1,273.9	1,284.9	1,307.8	1,242.4	1,148.7	985.3	951.5	1,158.2	1,307.8
	2031	1,163.5	1,066.2	1,035.9	1,078.3	1,213.4	1,275.5	1,286.7	1,309.7	1,244.0	1,152.4	991.0	955.5	1,163.5	1,309.7
	2032	1,168.7	1,070.8	1,041.9	1,081.2	1,216.9	1,276.5	1,287.7	1,310.9	1,244.8	1,155.4	995.3	960.4	1,168.7	1,310.9
Projected	2033	1,174.0	1,076.0	1,047.1	1,084.3	1,220.6	1,277.7	1,289.0	1,312.2	1,245.9	1,160.1	1,000.4	964.9	1,174.0	1,312.2
	2034	1,179.3	1,080.9	1,052.8	1,088.3	1,225.2	1,280.7	1,292.1	1,315.5	1,248.8	1,165.1	1,005.2	969.1	1,179.3	1,315.5
	2035	1,184.3	1,085.6	1,058.3	1,093.2	1,230.7	1,285.3	1,296.9	1,320.4	1,253.4	1,158.4	1,001.1	962.1	1,184.3	1,320.4
	2036	1,175.5	1,077.8	1,053.9	1,086.5	1,222.7	1,275.8	1,287.1	1,310.4	1,244.1	1,163.4	1,004.9	966.4	1,175.5	1,310.4
	2037	1,180.0	1,082.3	1,058.6	1,090.8	1,227.4	1,279.8	1,291.3	1,314.6	1,248.1	1,141.0	986.6	942.5	1,180.0	1,314.6
	2038	1,149.2	1,055.1	1,038.6	1,070.4	1,203.6	1,253.3	1,264.1	1,286.8	1,222.3	1,145.5	991.6	946.7	1,149.2	1,286.8
	2039	1,154.1	1,059.7	1,044.2	1,075.2	1,208.9	1,257.6	1,268.5	1,291.3	1,226.5	1,150.4	997.6	950.8	1,154.1	1,291.3
	2040	1,159.3	1,064.5	1,050.6	1,079.8	1,214.1	1,261.6	1,272.5	1,295.5	1,230.3	1,155.4	1,002.0	955.5	1,159.3	1,295.5
	2041	1,164.4	1,069.4	1,055.9	1,084.3	1,219.3	1,265.5	1,276.5	1,299.6	1,234.1	1,152.2	1,000.1	952.1	1,164.4	1,299.6
	2042	1,159.1	1,065.6	1,054.3	1,081.3	1,216.0	1,260.9	1,272.2	1,294.9	1,229.7	1,157.4	1,005.3	956.4	1,159.1	1,294.9

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	66.5%	60.2%	60.2%	63.2%	59.9%	68.3%	52.5%
	2018	53.6%	63.5%	61.1%	64.6%	62.3%	64.0%	65.1%	66.3%	66.4%	61.8%	59.1%	58.2%	56.1%	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%	63.8%	62.9%	60.7%	66.1%	52.9%
	2021	60.9%	54.3%	58.6%	58.7%	60.3%	64.0%	64.9%	66.3%	65.7%	60.9%	63.9%	66.6%	62.3%	53.7%
	2022	52.9%	60.4%	61.0%	61.2%	63.8%	63.1%	66.5%	66.6%	60.4%	61.7%	60.4%	64.2%	60.6%	52.8%
Projected	2023	55.0%	58.5%	59.7%	60.8%	60.8%	64.1%	65.7%	65.4%	64.4%	61.6%	60.5%	64.1%	61.3%	53.8%
	2024	55.0%	58.4%	59.5%	59.8%	60.6%	64.0%	65.7%	65.5%	64.4%	61.7%	60.4%	64.0%	61.4%	53.8%
	2025	54.9%	58.4%	59.4%	59.7%	60.6%	64.0%	65.7%	65.5%	64.4%	61.6%	60.2%	63.9%	61.1%	53.7%
	2026	54.9%	58.3%	59.2%	59.6%	60.5%	64.0%	65.7%	65.5%	64.5%	61.6%	60.0%	63.8%	61.1%	53.7%
	2027	54.8%	58.3%	59.0%	59.5%	60.4%	63.9%	65.7%	65.5%	64.5%	61.5%	59.8%	63.7%	61.0%	53.7%
	2028	54.7%	58.2%	58.8%	59.4%	60.3%	63.9%	65.7%	65.5%	64.5%	61.4%	59.6%	63.6%	61.0%	53.8%
	2029	54.7%	58.1%	58.6%	59.3%	60.2%	63.9%	65.7%	65.5%	64.5%	61.3%	59.3%	63.5%	60.7%	53.7%
	2030	54.6%	58.1%	58.3%	59.1%	60.0%	63.9%	65.7%	65.5%	64.5%	61.2%	59.1%	63.4%	60.6%	53.6%
	2031	54.5%	58.0%	58.0%	59.0%	59.9%	63.9%	65.7%	65.5%	64.5%	61.1%	58.7%	63.3%	60.4%	53.7%
	2032	54.4%	57.8%	57.7%	58.9%	59.8%	63.9%	65.7%	65.5%	64.5%	61.0%	58.5%	63.1%	60.4%	53.8%
Avg-	2013-2022	57.9%	58.8%	60.3%	60.7%	61.6%	63.6%	65.4%	65.9%	63.5%	61.7%	61.0%	63.3%	62.6%	53.3%
	2023-2032	54.7%	58.2%	58.8%	59.4%	60.3%	63.9%	65.7%	65.5%	64.5%	61.4%	59.6%	63.6%	60.9%	53.7%

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 2023 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	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	862.8	831.4	919.8	1,105.8	1,174.1	1,178.1	1,215.9	1,236.7	1,157.4	1,122.8	854.5	900.5	919.8	1,236.7
	2018	1,180.3	880.5	845.8	887.1	1,038.0	1,167.3	1,186.3	1,238.9	1,210.0	1,154.7	979.8	888.2	1,180.3	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	1,125.5	888.5	907.5	1,022.3	1,281.4
	2021	906.6	1,056.1	1,008.3	1,056.4	1,209.3	1,219.6	1,259.1	1,294.2	1,159.6	1,161.4	833.3	839.3	1,056.1	1,294.2
	2022	1,109.0	892.0	931.9	1,037.9	1,170.2	1,306.7	1,296.9	1,301.5	1,280.6	1,142.5	925.2	874.3	1,109.0	1,306.7
	2023	1,084.6	1,004.9	968.4	1,045.1	1,181.3	1,257.0	1,262.7	1,296.7	1,221.6	1,126.5	918.8	867.8	1,084.6	1,296.7
Projected	2024	1,076.5	997.3	962.6	1,038.3	1,173.7	1,247.4	1,253.3	1,286.9	1,212.2	1,119.2	915.5	865.9	1,076.5	1,286.9
	2025	1,073.5	994.7	959.6	1,034.9	1,170.0	1,241.8	1,247.7	1,281.2	1,206.7	1,115.5	913.9	864.6	1,073.5	1,281.2
	2026	1,071.7	993.1	958.5	1,032.6	1,167.6	1,237.6	1,243.6	1,277.0	1,202.5	1,113.0	914.1	864.8	1,071.7	1,277.0
	2027	1,071.9	993.3	959.1	1,032.8	1,168.0	1,236.1	1,242.3	1,275.7	1,201.1	1,113.1	917.1	866.6	1,071.9	1,275.7
	2028	1,074.5	995.5	962.5	1,034.3	1,169.8	1,236.1	1,242.3	1,275.8	1,201.0	1,114.7	919.5	869.4	1,074.5	1,275.8
	2029	1,077.4	998.5	966.0	1,036.3	1,172.3	1,236.6	1,242.8	1,276.5	1,201.3	1,116.8	923.2	872.6	1,077.4	1,276.5
	2030	1,081.2	1,002.1	970.4	1,039.4	1,176.0	1,238.2	1,244.4	1,278.3	1,202.7	1,120.2	928.0	876.9	1,081.2	1,278.3
	2031	1,086.3	1,006.9	976.0	1,042.6	1,179.8	1,239.7	1,245.9	1,280.0	1,204.1	1,123.7	933.4	880.8	1,086.3	1,280.0
	2032	1,091.5	1,011.6	981.7	1,045.3	1,183.1	1,240.5	1,246.8	1,281.1	1,204.7	1,126.6	937.5	885.1	1,091.5	1,281.1
	2033	1,096.2	1,016.2	986.6	1,048.3	1,186.7	1,241.5	1,247.9	1,282.3	1,205.6	1,131.1	942.3	889.3	1,096.2	1,282.3
	2034	1,101.2	1,020.9	992.0	1,052.1	1,191.1	1,244.4	1,250.8	1,285.4	1,208.3	1,136.0	946.9	893.2	1,101.2	1,285.4
Projected	2035	1,105.9	1,025.3	997.2	1,056.8	1,196.4	1,248.9	1,255.4	1,290.1	1,212.7	1,129.5	943.3	887.1	1,105.9	1,290.1
	2036	1,097.6	1,018.1	993.2	1,050.4	1,188.5	1,239.7	1,245.9	1,280.3	1,204.0	1,134.4	946.9	890.8	1,097.6	1,280.3
	2037	1,101.6	1,022.0	997.7	1,054.5	1,193.0	1,243.6	1,249.9	1,284.5	1,207.8	1,113.3	931.0	869.6	1,101.6	1,284.5
	2038	1,071.1	997.3	980.3	1,035.0	1,169.6	1,218.0	1,224.1	1,257.9	1,183.3	1,117.7	935.8	873.5	1,071.1	1,257.9
	2039	1,075.7	1,001.7	985.7	1,039.6	1,174.7	1,222.2	1,228.4	1,262.3	1,187.4	1,122.5	941.5	877.5	1,075.7	1,262.3
	2040	1,081.0	1,006.5	991.8	1,044.0	1,179.8	1,226.0	1,232.3	1,266.3	1,191.0	1,127.3	945.7	881.7	1,081.0	1,266.3
	2041	1,085.4	1,011.0	996.9	1,048.3	1,184.7	1,229.7	1,236.1	1,270.3	1,194.6	1,124.2	943.9	878.2	1,085.4	1,270.3
	2042	1,079.9	1,007.6	995.4	1,045.6	1,181.7	1,225.4	1,232.1	1,265.9	1,190.2	1,129.3	948.9	882.3	1,079.9	1,265.9

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	97.4%	94.4%	98.1%	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%	97.9%	91.3%	92.2%	96.6%	97.6%
	2021	93.9%	94.1%	96.9%	97.5%	98.4%	96.8%	97.6%	98.6%	95.4%	98.2%	93.7%	94.4%	94.1%	98.6%
	2022	93.6%	88.5%	92.3%	96.6%	96.6%	97.7%	98.7%	98.6%	97.5%	94.2%	92.2%	92.2%	93.6%	96.6%
	2023	93.4%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.9%	97.5%	94.2%	92.2%	93.4%	97.8%
Projected	2024	93.4%	94.5%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.9%	97.5%	94.2%	92.1%	93.4%	97.8%
	2025	93.3%	94.4%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.9%	97.5%	94.2%	92.1%	93.3%	97.8%
	2026	93.3%	94.4%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.1%	93.3%	97.8%
	2027	93.3%	94.4%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.2%	93.3%	97.8%
	2028	93.4%	94.4%	94.2%	96.7%	97.2%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.1%	93.4%	97.8%
	2029	93.3%	94.4%	94.2%	96.7%	97.2%	97.2%	96.9%	97.7%	96.8%	97.5%	94.2%	92.1%	93.3%	97.7%
	2030	93.4%	94.4%	94.2%	96.7%	97.2%	97.2%	96.8%	97.7%	96.8%	97.5%	94.2%	92.2%	93.4%	97.7%
	2031	93.4%	94.4%	94.2%	96.7%	97.2%	97.2%	96.8%	97.7%	96.8%	97.5%	94.2%	92.2%	93.4%	97.7%
	2032	93.4%	94.5%	94.2%	96.7%	97.2%	97.2%	96.8%	97.7%	96.8%	97.5%	94.2%	92.2%	93.4%	97.7%
	2013-2022	92.6%	94.4%	93.9%	96.7%	97.2%	97.1%	96.8%	97.6%	96.7%	97.3%	94.7%	92.2%	95.1%	97.8%
	2023-2032	93.4%	94.4%	94.2%	96.7%	97.3%	97.2%	96.9%	97.8%	96.8%	97.5%	94.2%	92.1%	93.4%	97.8%

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 2023 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	Year	2013	2,693,753	-	2,742,513	-	1.8%	425.0	-	418.0	-	-1.6%	524.0	-	533.8	-	1.9%
	2014	2,437,324	-9.5%	2,420,076	-11.8%	-0.7%	384.4	-9.5%	417.2	-0.2%	8.5%	452.1	-13.7%	455.9	-14.6%	0.8%	
	2015	2,366,430	-2.9%	2,340,657	-3.3%	-1.1%	456.4	18.7%	380.0	-8.9%	-16.7%	444.3	-1.7%	452.5	-0.7%	1.9%	
	2016	2,436,956	3.0%	2,390,782	2.1%	-1.9%	390.9	-14.3%	397.7	4.6%	1.7%	484.9	9.1%	467.5	3.3%	-3.6%	
	2017	2,341,144	-3.9%	2,317,726	-3.1%	-1.0%	344.6	-11.9%	362.9	-8.7%	5.3%	467.3	-3.6%	476.3	1.9%	1.9%	
	2018	2,355,507	0.6%	2,320,711	0.1%	-1.5%	446.1	29.5%	422.6	16.4%	-5.3%	464.7	-0.5%	470.8	-1.1%	1.3%	
	2019	2,399,054	1.8%	2,313,199	-0.3%	-3.6%	364.8	-18.2%	422.8	0.0%	15.9%	470.0	1.1%	464.1	-1.4%	-1.2%	
	2020	2,378,062	-0.9%	2,311,770	-0.1%	-2.8%	355.3	-2.6%	406.7	-3.8%	14.5%	475.6	1.2%	478.2	3.0%	0.5%	
	2021	2,391,498	0.6%	2,383,569	3.1%	-0.3%	384.1	8.1%	412.3	1.4%	7.3%	469.9	-1.2%	475.6	-0.5%	1.2%	
	2022	2,402,402	0.5%	2,407,544	1.0%	0.2%	398.8	3.8%	405.9	-1.6%	1.8%	465.4	-1.0%	472.3	-0.7%	1.5%	
Projected	2023	2,399,316	-0.1%	2,399,316	-0.3%		388.8	-2.5%	388.8	-4.2%		462.7	-0.6%	462.7	-2.0%		
	2024			2,393,544	-0.2%				386.5	-0.6%				462.0	-0.1%		
	2025			2,387,777	-0.2%				388.0	0.4%				461.4	-0.1%		
	2026			2,386,143	-0.1%				388.3	0.1%				461.1	-0.1%		
	2027			2,384,846	-0.1%				388.7	0.1%				460.7	-0.1%		
	2028			2,387,128	0.1%				387.7	-0.2%				460.3	-0.1%		
	2029			2,382,785	-0.2%				389.0	0.3%				460.3	0.0%		
	2030			2,384,558	0.1%				389.7	0.2%				460.8	0.1%		
	2031			2,387,260	0.1%				390.6	0.2%				461.3	0.1%		
	2032			2,394,751	0.3%				390.8	0.0%				461.9	0.1%		
	2033			2,395,953	0.1%				393.5	0.7%				462.8	0.2%		
	2034			2,401,461	0.2%				394.9	0.4%				463.8	0.2%		
	2035			2,408,209	0.3%				396.2	0.3%				465.1	0.3%		
	2036			2,350,804	-2.4%				383.1	-3.3%				451.9	-2.9%		
	2037			2,351,998	0.1%				385.1	0.5%				452.8	0.2%		
	2038			2,210,247	-6.0%				351.4	-8.7%				422.4	-6.7%		
	2039			2,212,986	0.1%				352.0	0.2%				422.9	0.1%		
	2040			2,220,118	0.3%				352.0	0.0%				423.5	0.1%		
	2041			2,220,021	0.0%				353.8	0.5%				424.1	0.1%		
	2042			2,223,753	0.2%				354.7	0.2%				424.8	0.2%		
CAGR ^[3]	2013-2022		-1.3%		-1.4%			-0.7%		-0.3%			-1.3%		-1.3%		
	2023-2032				0.0%					0.1%					0.0%		
	2033-2042				-0.8%					-1.1%					-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 2023 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	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	212,589	174,473	171,291	2,390,871	2,378,062
	2021	168,246	162,248	177,375	179,513	211,691	224,123	242,255	248,130	219,564	207,572	158,759	171,583	2,371,059	2,391,498
	2022	177,137	156,732	180,901	183,929	219,889	231,649	249,865	248,823	215,564	211,750	164,135	173,534	2,413,908	2,402,402
Projected	2023	182,474	160,832	177,450	180,241	209,619	227,411	241,327	246,053	224,490	207,038	164,146	172,771	2,393,852	2,399,316
	2024	181,770	164,412	176,876	179,658	209,143	226,984	240,912	245,657	224,177	206,905	164,166	172,913	2,393,573	2,393,544
	2025	181,873	160,414	176,819	179,525	208,887	226,610	240,543	245,241	223,882	206,675	163,996	172,863	2,387,329	2,387,777
	2026	181,833	160,357	176,678	179,377	208,741	226,433	240,368	245,072	223,750	206,538	163,880	172,868	2,385,894	2,386,143
	2027	181,869	160,362	176,580	179,264	208,627	226,265	240,191	244,868	223,533	206,382	163,739	172,814	2,384,495	2,384,846
	2028	181,828	164,335	176,410	179,101	208,449	226,048	239,986	244,678	223,358	206,225	163,627	172,824	2,386,868	2,387,128
	2029	181,875	160,358	176,345	179,060	208,426	226,010	239,979	244,693	223,363	206,217	163,612	172,950	2,382,889	2,382,785
	2030	182,063	160,537	176,407	179,153	208,584	226,186	240,224	244,987	223,638	206,345	163,696	173,219	2,385,038	2,384,558
	2031	182,381	160,816	176,554	179,318	208,819	226,416	240,502	245,293	223,901	206,591	163,847	173,567	2,388,005	2,387,260
	2032	182,785	165,208	176,750	179,527	209,107	226,697	240,831	245,644	224,198	206,994	164,132	174,069	2,395,941	2,394,751
Projected	2033	183,347	161,652	177,075	179,860	209,551	227,140	241,321	246,160	224,652	207,455	164,468	174,556	2,397,237	2,395,953
	2034	183,891	162,116	177,445	180,233	210,012	227,616	241,845	246,700	225,123	207,998	164,884	175,069	2,402,933	2,401,461
	2035	184,467	162,617	177,914	180,708	210,587	228,239	242,534	247,418	225,773	203,067	160,546	170,472	2,394,343	2,408,209
	2036	179,541	162,537	173,436	176,297	205,295	222,418	236,180	241,001	220,013	203,551	160,913	170,911	2,352,094	2,350,804
	2037	180,004	158,940	173,817	176,678	205,738	222,871	236,659	241,482	220,434	192,177	151,000	160,273	2,320,072	2,351,998
	2038	167,950	148,677	163,527	166,699	194,061	209,629	222,386	226,943	206,924	192,365	151,118	160,506	2,210,786	2,210,247
	2039	168,203	148,906	163,695	166,888	194,311	209,876	222,670	227,251	207,197	192,623	151,287	160,814	2,213,721	2,212,986
	2040	168,541	152,979	163,908	167,114	194,606	210,166	222,994	227,595	207,491	192,937	151,492	161,152	2,220,975	2,220,118
	2041	168,910	149,520	164,147	167,364	194,924	210,479	223,341	227,957	207,800	193,266	151,709	161,493	2,220,908	2,220,021
	2042	169,260	149,826	164,385	167,615	195,245	210,799	223,697	228,333	208,125	193,580	151,915	161,831	2,224,611	2,223,753

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	6.9%	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	7.1%	6.7%	7.6%	7.4%	8.2%	9.4%	10.3%	10.4%	9.5%	8.9%	7.3%	7.2%	100.0%
	2021	7.1%	6.8%	7.5%	7.6%	8.9%	9.5%	10.2%	10.5%	9.3%	8.8%	6.7%	7.2%	100.0%
	2022	7.3%	6.5%	7.5%	7.6%	9.1%	9.6%	10.4%	10.3%	8.9%	8.8%	6.8%	7.2%	100.0%
Projected	2023	7.6%	6.7%	7.4%	7.5%	8.8%	9.5%	10.1%	10.3%	9.4%	8.6%	6.9%	7.2%	100.0%
	2024	7.6%	6.9%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.6%	6.9%	7.2%	100.0%
	2025	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.2%	100.0%
	2026	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.2%	100.0%
	2027	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.2%	100.0%
	2028	7.6%	6.9%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.6%	6.9%	7.2%	100.0%
	2029	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2030	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2031	7.6%	6.7%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.7%	6.9%	7.3%	100.0%
	2032	7.6%	6.9%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.6%	6.9%	7.3%	100.0%
Avg.	2013-2022	7.4%	6.7%	7.3%	7.6%	8.8%	9.5%	10.3%	10.3%	9.2%	8.7%	7.1%	7.2%	100.0%
	2023-2032	7.6%	6.8%	7.4%	7.5%	8.7%	9.5%	10.1%	10.3%	9.4%	8.6%	6.9%	7.2%	100.0%

1 2 3 4 5 6 7 8 9 10 11 12
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FMPA 2023 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	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	424.8	377.6	384.4	414.8	490.7
	2021	380.7	450.1	385.0	405.4	451.5	471.7	489.0	483.8	450.9	432.8	343.1	343.4	450.1	489.0
	2022	439.9	386.1	389.7	397.3	443.4	497.3	490.7	477.8	471.2	433.5	375.0	380.3	439.9	497.3
Projected	2023	448.9	411.2	374.1	397.0	439.2	472.4	487.0	482.5	463.7	420.9	373.1	377.9	448.9	487.0
	2024	446.2	408.7	373.3	396.5	438.6	471.7	486.3	481.8	462.9	420.4	373.2	379.5	446.2	486.3
	2025	448.0	410.4	373.3	396.0	438.2	471.1	485.6	481.1	462.3	419.9	372.9	379.6	448.0	485.6
	2026	448.1	410.6	373.5	395.9	438.1	470.8	485.4	480.8	462.0	419.7	372.9	379.8	448.1	485.4
	2027	448.5	410.8	373.9	395.7	438.0	470.4	485.0	480.5	461.6	419.6	372.5	378.6	448.5	485.0
	2028	447.2	409.6	373.8	395.6	437.8	470.0	484.6	480.1	461.2	419.4	373.1	380.1	447.2	484.6
	2029	448.8	411.2	374.5	395.8	438.1	469.9	484.6	480.1	461.1	419.6	373.7	380.7	448.8	484.6
	2030	449.5	411.8	375.4	396.5	438.9	470.4	485.1	480.6	461.6	420.3	374.6	381.6	449.5	485.1
	2031	450.5	412.8	376.4	397.3	439.8	470.9	485.6	481.2	462.1	421.0	375.4	381.4	450.5	485.6
	2032	450.5	412.7	377.2	398.1	440.8	471.5	486.3	481.8	462.7	421.9	377.3	384.2	450.5	486.3
Projected	2033	453.7	415.6	379.2	399.3	442.1	472.5	487.3	482.9	463.6	423.4	378.6	385.5	453.7	487.3
	2034	455.2	417.1	380.6	400.4	443.4	473.5	488.4	483.9	464.6	424.7	380.0	386.8	455.2	488.4
	2035	456.7	418.4	382.0	401.7	444.8	474.9	489.8	485.4	466.0	413.9	371.0	375.7	456.7	489.8
	2036	443.0	406.0	372.4	391.5	432.9	462.0	476.7	471.9	453.4	415.1	372.4	377.9	443.0	476.7
	2037	445.4	408.4	373.9	392.4	433.9	462.9	477.6	472.8	454.3	389.3	350.7	351.2	445.4	477.6
	2038	411.3	378.2	349.9	368.2	405.7	432.7	446.7	441.2	424.9	389.8	351.5	351.8	411.3	446.7
	2039	412.0	378.8	350.7	368.9	406.4	433.3	447.3	441.8	425.4	390.5	352.2	351.5	412.0	447.3
	2040	411.8	378.6	351.5	369.7	407.3	433.9	447.9	442.4	426.0	391.3	353.5	353.6	411.8	447.9
	2041	414.1	380.7	352.7	370.5	408.2	434.5	448.6	443.1	426.6	392.2	354.5	354.4	414.1	448.6
	2042	415.1	381.7	353.7	371.2	409.0	435.2	449.3	443.8	427.3	393.0	355.5	355.3	415.1	449.3

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	67.2%	66.9%	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%	67.3%	64.2%	59.9%	65.8%	55.3%
	2021	59.4%	53.6%	61.9%	61.5%	63.0%	66.0%	66.6%	68.9%	67.6%	64.5%	64.3%	67.2%	60.1%	55.8%
	2022	54.1%	60.4%	62.4%	64.3%	66.7%	64.7%	68.4%	70.0%	63.5%	65.7%	60.8%	61.3%	62.6%	55.2%
Projected	2023	54.6%	58.2%	63.8%	63.1%	64.2%	66.9%	66.6%	68.5%	67.2%	66.1%	61.1%	61.4%	60.9%	56.2%
	2024	54.8%	57.8%	63.7%	62.9%	64.1%	66.8%	66.6%	68.5%	67.3%	66.2%	61.1%	61.2%	61.2%	56.2%
	2025	54.6%	58.2%	63.7%	63.0%	64.1%	66.8%	66.6%	68.5%	67.3%	66.2%	61.1%	61.2%	60.8%	56.1%
	2026	54.5%	58.1%	63.6%	62.9%	64.0%	66.8%	66.6%	68.5%	67.3%	66.1%	61.0%	61.2%	60.8%	56.1%
	2027	54.5%	58.1%	63.5%	62.9%	64.0%	66.8%	66.6%	68.5%	67.3%	66.1%	61.0%	61.3%	60.7%	56.1%
	2028	54.6%	57.6%	63.4%	62.9%	64.0%	66.8%	66.6%	68.5%	67.3%	66.1%	60.9%	61.1%	60.9%	56.2%
	2029	54.5%	58.0%	63.3%	62.8%	63.9%	66.8%	66.6%	68.5%	67.3%	66.1%	60.8%	61.1%	60.6%	56.1%
	2030	54.4%	58.0%	63.2%	62.7%	63.9%	66.8%	66.6%	68.5%	67.3%	66.0%	60.7%	61.0%	60.6%	56.1%
	2031	54.4%	58.0%	63.0%	62.7%	63.8%	66.8%	66.6%	68.5%	67.3%	66.0%	60.6%	61.2%	60.5%	56.1%
	2032	54.5%	57.5%	63.0%	62.6%	63.8%	66.8%	66.6%	68.5%	67.3%	65.9%	60.4%	60.9%	60.7%	56.2%
Avg.	2013-2022	57.0%	59.0%	61.4%	63.4%	64.9%	66.3%	68.1%	68.9%	65.6%	65.2%	62.2%	62.8%	62.1%	56.1%
	2023-2032	54.6%	58.0%	63.4%	62.9%	64.0%	66.8%	66.6%	68.5%	67.3%	66.1%	60.9%	61.2%	60.8%	56.2%

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 2023 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	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	411.1	346.2	338.0	355.3	475.6
	2021	334.0	384.1	361.8	391.6	446.1	453.5	461.4	469.9	415.3	417.6	304.9	330.7	384.1	469.9
	2022	398.8	312.5	338.4	377.2	418.4	465.4	472.2	465.8	464.2	414.8	342.2	335.1	398.8	465.4
Projected	2023	388.8	364.6	337.9	377.8	422.5	452.2	463.0	462.7	443.9	403.1	340.4	333.0	388.8	462.7
	2024	386.5	362.3	337.2	377.2	422.0	451.5	462.3	462.0	443.2	402.5	340.6	334.4	386.5	462.0
	2025	388.0	363.8	337.2	376.8	421.5	450.8	461.7	461.4	442.5	402.0	340.3	334.5	388.0	461.4
	2026	388.3	363.9	337.3	376.6	421.4	450.5	461.5	461.1	442.2	401.8	340.3	334.7	388.3	461.1
	2027	388.7	364.2	337.6	376.5	421.3	450.2	461.1	460.7	441.8	401.6	339.9	333.7	388.7	460.7
	2028	387.7	363.2	337.5	376.3	421.2	449.7	460.7	460.3	441.4	401.4	340.4	334.9	387.7	460.3
	2029	389.0	364.5	338.2	376.6	421.4	449.7	460.6	460.3	441.4	401.6	340.9	335.4	389.0	460.3
	2030	389.7	365.1	338.9	377.2	422.2	450.1	461.0	460.8	441.8	402.3	341.7	336.2	389.7	460.8
	2031	390.6	365.9	339.9	377.9	423.0	450.6	461.5	461.3	442.2	403.0	342.5	336.2	390.6	461.3
	2032	390.8	365.9	340.6	378.7	423.9	451.1	462.1	461.9	442.7	403.8	344.1	338.5	390.8	461.9
Projected	2033	393.5	368.5	342.4	379.7	425.2	452.0	463.0	462.8	443.5	405.2	345.4	339.7	393.5	462.8
	2034	394.9	369.8	343.6	380.8	426.4	453.0	464.0	463.8	444.5	406.4	346.6	340.8	394.9	463.8
	2035	396.2	371.0	344.8	382.0	427.8	454.3	465.3	465.1	445.7	396.0	338.3	330.8	396.2	465.1
	2036	383.1	359.2	335.9	372.2	416.0	441.7	452.5	451.9	433.9	397.1	339.6	332.6	383.1	451.9
	2037	385.1	361.2	337.2	373.1	417.0	442.6	453.4	452.8	434.7	372.6	320.3	308.7	385.1	452.8
	2038	351.4	333.5	315.9	349.8	389.3	413.4	424.0	422.4	406.8	373.1	321.1	309.2	351.4	422.4
	2039	352.0	334.1	316.6	350.5	390.0	413.9	424.5	422.9	407.3	373.7	321.7	309.1	352.0	422.9
	2040	352.0	333.9	317.3	351.2	390.8	414.4	425.1	423.5	407.8	374.5	322.9	310.8	352.0	423.5
	2041	353.8	335.8	318.5	351.9	391.7	415.0	425.7	424.1	408.4	375.3	323.8	311.5	353.8	424.1
	2042	354.7	336.6	319.4	352.6	392.5	415.6	426.4	424.8	409.0	376.1	324.8	312.3	354.7	424.8

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	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%	96.8%	91.7%	87.9%	85.7%	96.9%
	2021	87.7%	85.3%	94.0%	96.6%	98.8%	96.2%	94.4%	97.1%	92.1%	96.5%	88.9%	96.3%	85.3%	96.1%
	2022	90.7%	80.9%	86.9%	94.9%	94.4%	93.6%	96.2%	97.5%	98.5%	95.7%	91.2%	88.1%	90.7%	93.6%
Projected	2023	86.6%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.8%	91.2%	88.1%	86.6%	95.0%
	2024	86.6%	88.6%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.1%	86.6%	95.0%
	2025	86.6%	88.6%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.1%	86.6%	95.0%
	2026	86.6%	88.6%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.1%	86.6%	95.0%
	2027	86.7%	88.6%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.1%	86.7%	95.0%
	2028	86.7%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.1%	86.7%	95.0%
	2029	86.7%	88.7%	90.3%	95.1%	96.2%	95.7%	95.0%	95.9%	95.7%	95.7%	91.2%	88.1%	86.7%	95.0%
	2030	86.7%	88.7%	90.3%	95.1%	96.2%	95.7%	95.0%	95.9%	95.7%	95.7%	91.2%	88.1%	86.7%	95.0%
	2031	86.7%	88.7%	90.3%	95.1%	96.2%	95.7%	95.0%	95.9%	95.7%	95.7%	91.2%	88.1%	86.7%	95.0%
	2032	86.7%	88.7%	90.3%	95.1%	96.2%	95.7%	95.0%	95.9%	95.7%	95.7%	91.2%	88.1%	86.7%	95.0%
	2013-2022	85.5%	89.0%	90.2%	95.1%	96.1%	95.6%	95.0%	95.8%	95.5%	95.4%	91.9%	89.0%	88.8%	95.7%
	2023-2032	86.7%	88.7%	90.3%	95.1%	96.2%	95.7%	95.1%	95.9%	95.7%	95.7%	91.2%	88.1%	86.7%	95.0%

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 2023 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	Year	2013	-	1,856,018	-	1.5%	342.2	-	346.7	-	1.3%	391.2	-	400.7		2.4%
	2014	1,853,952	1.4%	1,872,557	0.9%	1.0%	371.1	8.5%	386.8	11.5%	4.2%	406.2	3.8%	407.2	1.6%	0.3%
	2015	1,902,497	2.6%	1,880,629	0.4%	-1.1%	407.6	9.8%	389.2	0.6%	-4.5%	419.6	3.3%	425.2	4.4%	1.3%
	2016	1,959,340	3.0%	1,924,443	2.3%	-1.8%	343.2	-15.8%	383.2	-1.5%	11.7%	429.1	2.3%	419.4	-1.4%	-2.3%
	2017	1,906,152	-2.7%	1,938,525	0.7%	1.7%	308.4	-10.1%	349.5	-8.8%	13.3%	423.7	-1.2%	441.3	5.2%	4.1%
	2018	1,961,543	2.9%	1,928,697	-0.5%	-1.7%	442.1	43.4%	429.0	22.8%	-2.9%	424.2	0.1%	420.9	-4.6%	-0.8%
	2019	2,001,879	2.1%	1,950,586	1.1%	-2.6%	324.2	-26.7%	409.2	-4.6%	26.2%	449.9	6.1%	442.1	5.0%	-1.7%
	2020	2,022,399	1.0%	2,020,357	3.6%	-0.1%	365.5	12.7%	405.8	-0.8%	11.0%	445.3	-1.0%	441.5	-0.1%	-0.8%
	2021	2,043,324	1.0%	2,024,983	0.2%	-0.9%	399.1	9.2%	419.4	3.4%	5.1%	446.4	0.2%	458.5	3.8%	2.7%
	2022	2,075,602	1.6%	2,064,480	2.0%	-0.5%	416.6	4.4%	401.5	-4.3%	-3.6%	468.6	5.0%	447.2	-2.5%	-4.6%
Projected	2023	2,070,476	-0.2%	2,070,476	0.3%		414.7	-0.5%	414.7	3.3%		450.3	-3.9%	450.3	0.7%	
	2024			2,047,945	-1.1%				411.2	-0.8%				444.5	-1.3%	
	2025			2,022,371	-1.2%				405.7	-1.3%				441.0	-0.8%	
	2026			2,009,302	-0.6%				403.4	-0.6%				438.4	-0.6%	
	2027			2,001,500	-0.4%				402.2	-0.3%				436.9	-0.3%	
	2028			2,004,181	0.1%				404.0	0.4%				436.0	-0.2%	
	2029			1,993,275	-0.5%				402.1	-0.5%				435.1	-0.2%	
	2030			1,990,287	-0.1%				402.4	0.1%				434.6	-0.1%	
	2031			1,987,808	-0.1%				403.1	0.2%				433.8	-0.2%	
	2032			1,991,054	0.2%				405.8	0.7%				432.8	-0.2%	
	2033			1,978,634	-0.6%				404.1	-0.4%				431.5	-0.3%	
	2034			1,976,082	-0.1%				404.6	0.1%				430.8	-0.2%	
	2035			1,974,804	-0.1%				404.8	0.1%				430.6	-0.1%	
	2036			1,982,108	0.4%				407.3	0.6%				430.5	0.0%	
	2037			1,974,335	-0.4%				405.5	-0.4%				430.3	0.0%	
	2038			1,973,377	0.0%				405.7	0.0%				430.2	0.0%	
	2039			1,971,869	-0.1%				406.2	0.1%				429.8	-0.1%	
	2040			1,976,608	0.2%				408.8	0.6%				429.2	-0.2%	
	2041			1,966,256	-0.5%				407.0	-0.4%				428.4	-0.2%	
	2042			1,922,516	-2.2%				397.1	-2.4%				419.1	-2.2%	
CAGR ^[3]	2013-2022		1.4%		1.2%			2.2%		1.6%			2.0%		1.2%	
	2023-2032				-0.4%					-0.2%					-0.4%	
	2033-2042				-0.3%					-0.2%					-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.

[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 2023 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	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	140,708	121,154	139,794	150,435	177,246	177,339	195,874	204,966	175,032	165,562	130,336	143,069	1,921,515	1,906,152
	2018	173,503	128,997	136,210	138,814	165,178	187,216	190,961	204,433	197,264	173,536	140,929	143,251	1,980,292	1,961,543
	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	178,968	142,592	155,497	2,043,140	2,022,399
	2021	153,378	134,581	148,575	148,124	181,269	191,356	204,336	213,556	191,092	175,611	138,040	144,005	2,023,922	2,043,324
	2022	162,545	139,809	148,035	154,309	188,969	208,668	214,881	215,423	185,308	175,085	142,807	153,994	2,089,833	2,075,602
Projected	2023	163,758	141,622	151,518	152,356	181,758	197,554	206,695	212,912	190,417	170,944	141,209	151,818	2,062,561	2,070,476
	2024	161,323	147,155	149,152	150,029	179,236	194,509	204,180	210,353	188,035	169,178	139,685	150,374	2,043,210	2,047,945
	2025	159,919	138,502	147,639	148,654	177,606	192,761	202,569	208,776	186,708	168,011	138,643	149,404	2,019,193	2,022,371
	2026	158,959	137,644	146,581	147,639	176,448	191,523	201,339	207,527	185,582	167,053	137,864	148,783	2,006,943	2,009,302
	2027	158,354	137,159	145,970	147,081	175,869	190,857	200,667	206,863	184,980	166,531	137,414	148,518	2,000,264	2,001,500
	2028	158,085	144,226	145,577	146,718	175,497	190,405	200,213	206,424	184,573	166,167	137,075	148,388	2,003,348	2,004,181
	2029	157,947	136,817	145,251	146,414	175,194	190,009	199,805	206,024	184,184	165,804	136,720	148,274	1,992,443	1,993,275
	2030	157,843	136,738	144,941	146,137	174,951	189,693	199,506	205,758	183,923	165,574	136,462	148,312	1,989,836	1,990,287
	2031	157,896	136,765	144,678	145,884	174,722	189,364	199,168	205,422	183,562	165,237	136,086	148,236	1,987,020	1,987,808
	2032	157,835	143,994	144,282	145,499	174,352	188,878	198,671	204,928	183,057	164,776	135,604	148,085	1,989,960	1,991,054
Projected	2033	157,697	136,563	143,792	145,025	173,892	188,293	198,080	204,349	182,478	164,585	135,382	148,075	1,978,210	1,978,634
	2034	157,696	136,544	143,547	144,780	173,651	187,965	197,738	204,001	182,117	164,449	135,224	148,045	1,975,759	1,976,082
	2035	157,678	136,530	143,404	144,643	173,536	187,813	197,602	203,884	181,995	164,445	135,194	148,129	1,974,854	1,974,804
	2036	157,777	143,922	143,377	144,612	173,523	187,770	197,566	203,851	181,941	164,430	135,145	148,173	1,982,089	1,982,108
	2037	157,834	136,646	143,319	144,546	173,466	187,683	197,482	203,767	181,842	164,300	134,994	148,140	1,974,020	1,974,335
	2038	157,824	136,640	143,197	144,430	173,377	187,577	197,403	203,713	181,782	164,138	134,804	148,158	1,973,042	1,973,377
	2039	157,872	136,668	143,022	144,253	173,227	187,381	197,220	203,539	181,587	163,912	134,537	148,126	1,971,344	1,971,869
	2040	157,869	143,989	142,752	143,982	172,975	187,062	196,907	203,232	181,264	163,656	134,244	148,066	1,976,000	1,976,608
	2041	157,835	136,603	142,453	143,679	172,685	186,703	196,551	202,881	180,900	159,946	131,077	144,825	1,956,138	1,966,256
	2042	154,456	133,730	139,193	140,285	168,713	182,672	192,344	198,508	176,766	159,710	130,805	144,773	1,921,955	1,922,516

Monthly NEL Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Historical	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%	6.7%	7.7%	7.3%	8.4%	9.5%	10.1%	10.2%	9.3%	8.8%	7.0%	7.6%	100.0%
	2021	7.6%	6.6%	7.3%	7.3%	9.0%	9.5%	10.1%	10.6%	9.4%	8.7%	6.8%	7.1%	100.0%
	2022	7.8%	6.7%	7.1%	7.4%	9.0%	10.0%	10.3%	10.3%	8.9%	8.4%	6.8%	7.4%	100.0%
Projected	2023	7.9%	6.9%	7.3%	7.4%	8.8%	9.6%	10.0%	10.3%	9.2%	8.3%	6.8%	7.4%	100.0%
	2024	7.9%	7.2%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.8%	7.4%	100.0%
	2025	7.9%	6.9%	7.3%	7.4%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.4%	100.0%
	2026	7.9%	6.9%	7.3%	7.4%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.4%	100.0%
	2027	7.9%	6.9%	7.3%	7.4%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.4%	100.0%
	2028	7.9%	7.2%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.8%	7.4%	100.0%
	2029	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.4%	100.0%
	2030	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	7.5%	100.0%
	2031	7.9%	6.9%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.8%	7.5%	100.0%
	2032	7.9%	7.2%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.8%	7.4%	100.0%
Avg.	2013-2022	7.8%	6.7%	7.2%	7.5%	8.8%	9.6%	10.0%	10.3%	9.3%	8.5%	7.0%	7.3%	100.0%
	2023-2032	7.9%	7.0%	7.3%	7.3%	8.8%	9.5%	10.0%	10.3%	9.2%	8.3%	6.9%	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).
 Cities Discontinuing Service from the ARP: Vero Beach (Dec-09), Lake Worth (Dec-13), Starke (Sep-35)

FMPA 2023 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	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	345.1	284.4	313.0	380.9	398.2	409.9	419.4	429.8	401.5	390.7	285.3	347.4	345.1	429.8
	2018	448.0	309.7	286.4	300.4	368.6	413.9	412.1	426.6	424.1	400.4	331.8	343.4	448.0	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	390.2	319.1	359.0	380.9	453.3
	2021	362.4	399.1	342.6	357.3	421.0	425.6	438.8	450.2	410.2	399.0	288.3	274.1	399.1	450.2
	2022	434.0	358.9	335.7	357.3	413.9	470.9	448.6	461.0	446.8	400.4	341.7	316.2	434.0	470.9
Projected	2023	420.1	375.9	332.8	359.3	414.1	445.8	436.5	456.3	427.9	389.5	338.8	313.6	420.1	456.3
	2024	416.6	372.8	330.0	354.9	409.0	440.0	430.8	450.4	422.3	384.7	334.2	309.4	416.6	450.4
	2025	411.0	367.7	325.7	352.3	406.1	436.5	427.4	446.9	419.0	381.8	332.4	307.7	411.0	446.9
	2026	408.7	365.7	323.9	350.4	403.9	433.9	424.8	444.2	416.4	379.7	331.5	306.8	408.7	444.2
	2027	407.5	364.6	323.0	349.5	402.9	432.4	423.4	442.7	415.0	378.7	333.2	308.1	407.5	442.7
	2028	409.3	366.3	324.5	349.1	402.5	431.5	422.5	441.8	414.1	378.2	331.6	306.6	409.3	441.8
	2029	407.3	364.5	323.0	348.7	402.2	430.6	421.6	441.0	413.2	377.8	331.9	306.9	407.3	441.0
	2030	407.6	364.8	323.4	348.7	402.2	430.0	421.0	440.4	412.6	377.7	332.6	307.5	407.6	440.4
	2031	408.4	365.5	324.0	348.6	402.2	429.3	420.2	439.7	411.9	377.5	335.0	309.5	408.4	439.7
	2032	411.0	367.9	326.2	348.2	401.9	428.2	419.2	438.6	410.8	377.2	333.6	308.2	411.0	438.6
Projected	2033	409.4	366.4	325.0	347.8	401.5	427.0	417.9	437.4	409.5	377.1	334.1	308.6	409.4	437.4
	2034	409.8	366.8	325.4	347.6	401.4	426.3	417.2	436.7	408.8	377.1	334.3	308.8	409.8	436.7
	2035	410.0	367.0	325.7	347.6	401.4	426.0	416.9	436.4	408.5	377.3	336.6	310.7	410.0	436.4
	2036	412.6	369.3	327.8	347.8	401.6	425.9	416.8	436.4	408.4	377.5	335.1	309.3	412.6	436.4
	2037	410.8	367.6	326.4	347.8	401.7	425.8	416.7	436.2	408.3	377.4	335.4	309.5	410.8	436.2
	2038	411.0	367.8	326.7	347.9	401.8	425.6	416.5	436.1	408.1	377.4	335.9	309.9	411.0	436.1
	2039	411.5	368.3	327.2	348.0	401.9	425.2	416.1	435.7	407.7	377.4	338.2	311.8	411.5	435.7
	2040	414.1	370.6	329.3	347.8	401.9	424.6	415.4	435.1	407.0	377.3	336.8	310.6	414.1	435.1
	2041	412.4	369.1	328.0	347.6	401.7	423.8	414.7	434.3	406.3	369.0	330.2	303.1	412.4	434.3
	2042	402.4	360.9	321.0	339.8	393.0	414.4	405.4	424.7	397.1	368.9	330.6	303.4	402.4	424.7

Monthly Load Factors

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	54.9%	59.8%	60.1%	62.8%	64.1%	60.5%	56.9%	63.4%	55.4%	63.6%	50.6%
	2018	52.1%	62.0%	63.9%	64.2%	60.2%	62.8%	62.3%	64.4%	64.6%	58.3%	59.0%	56.1%	50.5%	52.5%
	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%	61.6%	62.1%	58.2%	61.2%	50.9%
	2021	56.9%	50.2%	58.3%	57.6%	57.9%	62.4%	62.6%	63.8%	64.7%	59.2%	66.5%	70.6%	57.9%	51.8%
	2022	50.3%	58.0%	59.3%	60.0%	61.4%	61.5%	64.4%	62.8%	57.6%	58.8%	58.0%	65.5%	55.0%	50.3%
Projected	2023	52.4%	56.1%	61.2%	58.9%	59.0%	61.6%	63.6%	62.7%	61.8%	59.0%	57.9%	65.1%	56.1%	51.8%
	2024	52.1%	56.7%	60.7%	58.7%	58.9%	61.4%	63.7%	62.8%	61.8%	59.1%	58.1%	65.3%	56.0%	51.9%
	2025	52.3%	56.0%	60.9%	58.6%	58.8%	61.3%	63.7%	62.8%	61.9%	59.1%	57.9%	65.3%	56.1%	51.7%
	2026	52.3%	56.0%	60.8%	58.5%	58.7%	61.3%	63.7%	62.8%	61.9%	59.1%	57.8%	65.2%	56.1%	51.6%
	2027	52.2%	56.0%	60.7%	58.4%	58.7%	61.3%	63.7%	62.8%	61.9%	59.1%	57.3%	64.8%	56.0%	51.6%
	2028	51.9%	56.6%	60.3%	58.4%	58.6%	61.3%	63.7%	62.8%	61.9%	59.1%	57.4%	65.0%	55.9%	51.8%
	2029	52.1%	55.9%	60.4%	58.3%	58.6%	61.3%	63.7%	62.8%	61.9%	59.0%	57.2%	64.9%	55.8%	51.6%
	2030	52.0%	55.8%	60.2%	58.2%	58.5%	61.3%	63.7%	62.8%	61.9%	58.9%	57.0%	64.8%	55.7%	51.6%
	2031	52.0%	55.7%	60.0%	58.1%	58.4%	61.3%	63.7%	62.8%	61.9%	58.8%	56.4%	64.4%	55.5%	51.6%
	2032	51.6%	56.2%	59.4%	58.0%	58.3%	61.3%	63.7%	62.8%	61.9%	58.7%	56.5%	64.6%	55.3%	51.8%
Avg-	2013-2022	55.4%	57.2%	60.5%	59.4%	59.5%	61.6%	62.8%	63.3%	61.7%	59.5%	60.4%	62.8%	57.9%	51.3%
	2023-2032	52.1%	56.1%	60.5%	58.4%	58.6%	61.3%	63.7%	62.8%	61.9%	59.0%	57.3%	64.9%	55.8%	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 2023 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	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	341.0	280.6	308.4	380.2	386.8	405.7	414.7	423.7	379.4	390.4	283.7	347.2	308.4	423.7
	2018	442.1	306.3	274.1	289.4	361.7	380.5	405.0	424.2	412.0	397.0	324.2	343.1	442.1	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	384.0	274.3	348.5	365.5	445.3
	2021	361.9	399.1	339.0	344.0	416.9	408.1	434.8	446.4	397.8	397.3	271.3	243.7	399.1	446.4
	2022	416.6	357.0	310.5	341.7	410.3	468.6	436.9	457.6	438.6	393.7	325.2	299.6	416.6	468.6
Projected	2023	414.7	371.5	318.5	350.7	406.5	434.9	426.2	450.3	417.4	383.1	322.4	297.1	414.7	450.3
	2024	411.2	368.4	315.9	346.3	401.4	429.2	420.6	444.5	411.9	378.3	318.0	293.1	411.2	444.5
	2025	405.7	363.4	311.7	343.8	398.5	425.8	417.3	441.0	408.7	375.5	316.4	291.5	405.7	441.0
	2026	403.4	361.4	310.0	341.9	396.4	423.2	414.7	438.4	406.2	373.4	315.5	290.6	403.4	438.4
	2027	402.2	360.4	309.1	341.1	395.4	421.8	413.3	436.9	404.8	372.4	317.1	291.9	402.2	436.9
	2028	404.0	362.0	310.6	340.6	395.0	420.9	412.4	436.0	403.8	371.9	315.5	290.5	404.0	436.0
	2029	402.1	360.3	309.2	340.3	394.7	420.0	411.5	435.1	403.0	371.4	315.8	290.7	402.1	435.1
	2030	402.4	360.5	309.5	340.2	394.6	419.4	410.9	434.6	402.3	371.3	316.5	291.2	402.4	434.6
	2031	403.1	361.2	310.1	340.1	394.6	418.6	410.1	433.8	401.6	371.2	318.7	293.1	403.1	433.8
	2032	405.8	363.6	312.2	339.7	394.3	417.6	409.0	432.8	400.5	370.8	317.4	292.0	405.8	432.8
Projected	2033	404.1	362.1	311.0	339.3	393.9	416.3	407.7	431.5	399.2	370.7	317.9	292.3	404.1	431.5
	2034	404.6	362.5	311.4	339.1	393.8	415.5	407.0	430.8	398.4	370.7	318.1	292.4	404.6	430.8
	2035	404.8	362.7	311.7	339.1	393.8	415.3	406.7	430.6	398.1	370.9	320.2	294.3	404.8	430.6
	2036	407.3	365.0	313.7	339.2	394.0	415.2	406.6	430.5	398.0	371.0	318.8	293.0	407.3	430.5
	2037	405.5	363.3	312.4	339.2	394.0	415.0	406.4	430.3	397.9	371.0	319.1	293.1	405.5	430.3
	2038	405.7	363.5	312.6	339.3	394.2	414.8	406.3	430.2	397.7	370.9	319.6	293.5	405.7	430.2
	2039	406.2	364.0	313.0	339.3	394.3	414.4	405.8	429.8	397.3	370.9	321.8	295.3	406.2	429.8
	2040	408.8	366.3	315.1	339.2	394.2	413.8	405.2	429.2	396.6	370.8	320.4	294.1	408.8	429.2
	2041	407.0	364.8	313.9	339.0	394.0	413.0	404.4	428.4	395.8	362.6	314.0	286.8	407.0	428.4
	2042	397.1	357.2	307.2	331.6	385.8	403.9	395.6	419.1	386.8	362.5	314.4	287.1	397.1	419.1

Monthly Coincidence Factors

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Wntr Pk	Sumr Pk
Historical	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%	98.4%	86.0%	97.1%	96.0%	98.2%
	2021	99.9%	100.0%	98.9%	96.3%	99.0%	95.9%	99.1%	99.1%	97.0%	99.6%	94.1%	88.9%	100.0%	99.1%
	2022	96.0%	99.5%	92.5%	95.6%	99.1%	99.5%	97.4%	99.3%	98.2%	98.3%	95.2%	94.7%	96.0%	99.5%
Projected	2023	98.7%	98.8%	95.7%	97.6%	98.1%	97.6%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2024	98.7%	98.8%	95.7%	97.6%	98.1%	97.6%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2025	98.7%	98.8%	95.7%	97.6%	98.1%	97.6%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2026	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2027	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2028	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2029	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2030	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2031	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
	2032	98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%
2013-2022		98.5%	98.9%	95.6%	97.7%	98.1%	97.3%	97.5%	98.6%	97.4%	98.1%	96.1%	94.1%	95.6%	98.8%
2023-2032		98.7%	98.8%	95.7%	97.6%	98.1%	97.5%	97.6%	98.7%	97.5%	98.3%	95.2%	94.7%	98.7%	98.7%

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)

Appendix F

EXPLANATORY VARIABLES BY ARP PARTICIPANT

FMPA 2023 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, EE Index, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Binary variables for data anomalies	Adj. personal income, Multiple step variables (class migration-related), CDD, CDD(-1), Binary variable to address hurricane event, Mobility	Employment, CDD, CDD(-1), Multiple step variables (class 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		
Green Cove Springs	Households, FL mortgage originations, Home vacancy rate, Binary variables for select data anomalies; An assumed new development totaling 1500 homes is added over 2023-35.	Adj. personal income per HH, Electricity price, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Binary variables to address hurricanes and other anomalies, Neg. step variable (2021)	Adj. personal income, EE Index, 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 variables (2016, 2022), Mobility	No customers are currently served in this class. The equivalent of one customer is assumed added every 15 years (on average) beginning FY 2033, based on the average historical usage.
Havana	Households, Positive step variable (2020)	Adj. personal income per HH, Electricity price, EE Index, HDD, CDD, HDD(-1), CDD(-1), Seasonal binaries, Binary variables for hurricanes, Neg. step variable (2021)	Adj. personal income, Electricity price, CDD, CDD(-1), HDD(-1), Variable for hurricane and other data anomalies, Negative step variables (2016, 2020)		
Jacksonville Beach	Households, Variable to address housing stock turnover to multi-family, Binary variable to address anomalies	Adj. personal income per HH, 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 2023 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 impacts	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), mobility	Adj. personal Income (Reciprocal functional form), Electricity price, CDD, CDD(-1), Seasonal binaries, Variables for data anomalies, Negative step variables (2005, 2013), COVID variable		Navy Base: CDD, CDD(-1), HDD(-1), Variable to address hurricane impacts, 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), COVID variable	Employment, EE Index, U.S. personal savings rate, EE Index, CDD(-1), HDD(-1), Seasonal binaries, Binary variables for hurricane events, COVID variable, Negative step variable (2022)	
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, Non-store Sales Proportion, CDD, CDD(-1), Seasonal binaries, Negative step variables (2011, 2014, 2018), Binary variables for anomalies, Mobility		
Newberry	Households, Positive trend variable (to address near-term extraordinary 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), Positive step variable (2021)		
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; likely class migration-related), Mobility	
Starke	Seasonal Base, Binary variables for select data anomalies, Positive step variable (2022)	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.