DUKE ENERGY® FLORIDA

Stephanie A. Cuello
SENIOR COUNSEL

May 6, 2026

VIA ELECTRONIC DELIVERY

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *2026 Ten-Year Site Plan Data Request #1; Undocketed*

Dear Mr. Teitzman:

Please find enclosed for filing, Duke Energy Florida, LLC's Response to Staff's Data Request #1, questions 3 through 86, issued on February 26, 2026, regarding DEF's 2026 TYSP.

Thank you for your assistance in this matter and if you have any questions, please feel free to contact me at (850) 521-1425.

Sincerely,

/s/ Stephanie A. Cuello

Stephanie A. Cuello

SAC/mh
Attachments

cc: Phillip Ellis, PEllis@psc.state.fl.us and Segundo Sanchez, SSanchez@psc.state.fl.us, Division of Engineering, FPSC

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DEF's Response to Staff's Data Request Regarding the 2026 Ten Year Site Plan; Questions 3-86

Instructions: Accompanying this data request is a Microsoft Excel (Excel) document titled "Data Request #1.Excel Tables," (Excel Tables File). For each question below that references the Excel Tables File, please complete the table and provide, in Excel Format, all data requested for those sheet(s)/tab(s) identified in parenthesis.

Financial

3. Please refer to the Excel Tables File tabs listed below. Complete the tables by providing information on the financial assumptions and financial escalation assumptions used in developing the Company's TYSP. If any of the requested data is already included in the Company's current planning period TYSP, state so on the appropriate form.

   a. Excel Tables File (Financial Assumptions)

   b. Excel Tables File (Financial Escalation)

RESPONSE:

a. Please see table below and tab Financial Assumptions of the attached Excel File 2026 TYSP - Data Request #1.Excel Tables:

Financial Assumptions			
Base Case			
AFUDC Rate		(%)	8.26%
Capitalization Ratios	Debt	(%)	5.95%
	Preferred	(%)	
	Equity	(%)	10.3%
Rate of Return	Debt	(%)	47%
	Preferred	(%)	
	Equity	(%)	53%
Income Tax rate	State	(%)	5.50%
	Federal	(%)	21%
	Effective	(%)	25.32%
Other Tax Rate:		(%)	
Discount Rate:		(%)	7.55%
Tax - Depreciation Rate:		(%)	

Tax Depreciation Rates:		
	CT	15 Years (MACRS Table)
	CC	20 Years (MACRS Table)
	Solar	5 Years (MACRS Table)
	Battery	5 Years (MACRS Table)

b. Please see table below and tab Financial Escalation of the attached Excel File 2026 TYSP - Data Request #1.Excel Tables:

Financial Escalation Assumptions				
Year	General Inflation (%)	Plant Construction Cost (%)	Fixed O&M Cost (%)	Variable O&M Cost (%)
2026	2.50%	2.50%	2.50%	2.50%
2027	2.50%	2.50%	2.50%	2.50%
2028	2.50%	2.50%	2.50%	2.50%
2029	2.50%	2.50%	2.50%	2.50%
2030	2.50%	2.50%	2.50%	2.50%
2031	2.50%	2.50%	2.50%	2.50%
2032	2.50%	2.50%	2.50%	2.50%
2033	2.50%	2.50%	2.50%	2.50%
2034	2.50%	2.50%	2.50%	2.50%
2035	2.50%	2.50%	2.50%	2.50%

Year	Plant Construction Cost ~~%~~			
	CT	CC	Solar	Battery
2027	1.65%	1.46%	3.77%	0.00%
2028	1.65%	1.46%	3.77%	-1.91%
2029	1.65%	1.46%	-0.25%	-1.91%
2030	1.65%	1.46%	-0.51%	-1.91%
2031	1.65%	1.46%	-1.13%	-1.91%
2032	1.55%	1.46%	-1.13%	-1.91%
2033	1.55%	1.46%	-1.13%	-1.91%
2034	1.55%	1.58%	-1.13%	-1.91%
2035	1.55%	1.58%	-1.13%	0.56%
2036	1.55%	1.58%	0.39%	0.56%

Load & Demand Forecasting

Historic Load & Demand

4. **[Investor-Owned Utilities Only]** Please refer to the **Excel Tables File (Hourly System Load)**. Complete the table by providing, on a system-wide basis, the hourly system load in megawatts (MW) for the period January 1 through December 31 of the year prior to the current planning period. For leap years, please include load values for February 29. Otherwise, leave that row blank.

a. Please also describe how loads are calculated for those hours just prior to and following Daylight Savings Time (March 9, 2025, to November 2, 2025).

RESPONSE:

Please see tab *Hourly System Load* of the attached Excel File *2026 TYSP - Data Request #1.Excel Tables.*

a. For March DST, there is a zero in hour 3. For November DST, DEF computes the average for hours 2 and hour 3 and places it in hour 2 as hour 3 is shifted back to hour 2.

5. Please refer to the **Excel Tables File (Historic Peak Demand)**. Complete the table by providing information on the monthly peak demand experienced during the three-year period prior to the current planning period, including the actual peak demand experienced, the amount of demand response activated during the peak, and the estimated total peak if demand response had not been activated. Please also provide the day, hour, and system-average temperature at the time of each monthly peak.

RESPONSE:

Please see tab *Historic Peak Demand* of the attached Excel File *2026 TYSP - Data Request #1.Excel Tables.*

Year	Month	Actual Peak Demand	Demand Response Activated	Estimated Peak Demand	Day	Hour	System-Average Temperature
		(MW)	(MW)	(MW)			(Degrees F)
2025	1	9,009	0	9,009	22	20	42.32
	2	6,458	0	6,458	21	8	51.43
	3	6,819	0	6,819	31	18	75.45
	4	7,714	0	7,714	27	18	77.93
	5	9,115	0	9,115	20	18	84.11
	6	8,968	0	8,968	17	18	83.35
	7	9,770	0	9,770	30	18	85.61
	8	9,537	0	9,537	5	18	83.21
	9	8,527	0	8,527	24	17	81.46
	10	7,622	0	7,622	8	18	80.53
	11	6,302	0	6,302	8	16	74.97
	12	6,354	0	6,354	31	9	47.30
2024	1	7,365	0	7,365	21	9	47.65
	2	6,659	0	6,659	20	8	55.80
	3	6,562	0	6,562	15	18	74.20
	4	7,425	0	7,425	19	18	76.82
	5	9,068	0	9,068	27	19	83.88
	6	9,448	0	9,448	6	18	84.13
	7	9,468	0	9,468	8	16	85.34
	8	9,269	0	9,269	8	18	86.91
	9	8,881	0	8,881	30	18	82.82
	10	8,407	0	8,407	2	17	82.06
	11	7,163	0	7,163	6	17	80.67
	12	6,911	0	6,911	4	8	53.28
2023	1	7,840	0	7,840	16	8	51.04
	2	6,657	0	6,657	23	17	75.15
	3	7,608	0	7,608	27	18	77.93
	4	7,845	0	7,845	4	18	77.68
	5	8,354	0	8,354	11	17	80.62
	6	9,322	0	9,322	27	18	85.00
	7	9,725	0	9,725	21	17	87.03
	8	10,268	0	10,268	11	18	87.56
	9	9,281	0	9,281	11	18	83.71
	10	7,859	0	7,859	13	17	80.98
	11	6,799	0	6,799	11	16	75.53
	12	5,936	0	5,936	3	15	74.28
Notes							
(Include Notes Here)							

6. Regarding the Utility's customer and energy consumption data in the Utility's 2026 TYSP, please explain any historic trends, identify the major factors that contribute to the growth/decline of the trends, and provide other information as requested below in each of the following:

   a. Growth of customers, by customer type (residential, commercial, industrial) as well as Total Customers.

   b. Average KWh consumption per customer, by customer type (residential, commercial, industrial).

   c. Total Sales (GWh) to Ultimate Customers.

RESPONSE:

a. DEF customer growth has always been dominated by the Residential and Commercial customer classes. Customer growth trends are driven by broad economic and demographic trends. These generic trends are typically covered in each years' assumptions section of the DEF's TYSP. Items such as population growth, population migration, and retirement demographic trends determine customer growth. Housing market issues such as affordability, mortgage rates, and job growth have always applied a significant influence on customer growth dynamics as well. More recent site plans reflect a return to the long-term trend of population migration into Florida. Commercial customer growth typically tracks residential growth, supplying needed services. Industrial customers have been decreasing, impacted by downward trends in industrial employment/offshoring of manufacturing.

   The historical DEF service area population was estimated to have grown at an average ten-year compound annual growth rate (CAGR) of 2.11% from 2016-2025, driven by the residential and commercial classes.

b. Residential and commercial class per customer usage are driven, primarily, by fluctuations in electric price, end use appliance saturation, changing (improving) end use appliance efficiency, improved building codes, housing type/building size, and space conditioning equipment fuel type. Residential and some commercial accounts have reduced their utility requirements by installing solar panels behind their meter. Contrarily, the penetration of plug-in electric vehicles has grown, leading to an increase in residential use per customer, all else being equal. Each of these stated items are handled either implicitly in the economic scenario presented by Moody's Analytics or explicitly in the internal DEF projections of UEE, Solar PV and plug-in Electric Vehicles.

c. Total Sales to Ultimate Customers GWh are made up of retail sales which include residential, commercial, industrial, street lighting, and other sales to public authorities. Trends impacting the customer classes that make up retail sales are covered in each years' assumptions section of the DEF's TYSP.

7. Please explain any historic trends, identify the major factors that contribute to the observed historic trends, and provide other information as requested below in each of the following components of Summer/Winter Peak Demand in the Utility's 2026 TYSP:

   a. Demand Reduction due to the Company's energy efficiency and/or conservation program(s) and Self Service, by customer type (residential, commercial, industrial) as well as by Total Customers.

   b. Demand Reduction due to Demand Response programs, Demand Side Renewable Systems, and/or Self Service, by customer type (residential, commercial, industrial).

   c. Total Demand.

   d. Net Firm Demand, by the sources of peak demand appearing in Schedule 3.1 and Schedule 3.2 Of the current planning period TYSP.

RESPONSE:

a. Conservation (utility-sponsored and "naturally occurring" appliance efficiency & building code improvements) and self-generation are primary contributors to the long-term trends in lower energy use per customer and resulting reductions in the growth of the peak demand. Stricter building codes and improved heating/cooling (as well as other) equipment efficiencies have been a steady and effective way to reduce the growth in Summer/Winter peak for all classes of customers. The forecast projects continuing improvement as newer homes and newer appliances replace older, less efficient homes and appliances. DEF's conservation programs incentivize customers to purchase heating/cooling equipment at a level just above the required Federal Standards. In addition to conservation measures, customers across multiple customer classes have installed behind-the-meter solar generation, with additional installations projected in the forecast.

b. DEF commercial/industrial Demand Response program interest continues to increase due to observed customer load levels and economic conditions. This trend is expected to follow forecasted load growth.

   Residential capability growth has largely followed commission approved plans which includes efforts for control device maintenance, resulting in some participants coming off the program because of no replies to contact attempts, no longer interested in participating, or unwilling to schedule a device replacement appointment.

c. Please see response to Q6. Most factors that impact levels of "energy" have similar effects for energy at time of peak.

d. Please see response to Q6. Most factors that impact levels of "energy" have similar effects for energy at time of peak.

Forecasted Load

8. Please identify the weather station(s) used for calculation of the system-wide temperature used for preparing the Utility's load forecasts. If more than one weather station is utilized, please describe how a system-wide average is calculated.

RESPONSE:

DEF uses dry bulb temperature readings from three weather stations - St Petersburg (45%), Orlando (45%) and Tallahassee (10%), weight included in parenthesis.

Weather station weightings are developed using "weather-sensitive" energy sales by customer building types reported by eighteen individual Operation Centers located around the service area. Energy sales by Operation Centers are grouped to its closest weather station to determine weather station weights.

9. Please explain, to the extent not addressed in the Utility's 2026 TYSP, how the reported forecasts of the number of customers, demand, and total retail energy sales were developed. In the Utility's response, please include the following information:

   a. Methodology.

   b. Assumptions.

   c. Data sources.

   d. Third-party consultant(s) involved.

   e. Anticipated forecast accuracy.

   f. Any difference/improvement(s) made compared with those forecasts used in the Utility's most recent prior TYSP.

RESPONSE:

a. Methodology.
   Please refer to the DEF 2026 TYSP.

b. Assumptions.
   Please refer to the DEF 2026 TYSP.

c. Data sources.
   Please refer to the DEF 2026 TYSP.

d. Third-party consultant(s) involved.

No third-party consultants involved.

e. Anticipated forecast accuracy.
As in every published DEF Load Forecast, the use of "most recently available" economic projections from a most-reliable source has been employed. Also, every TYSP Base Case planning projection is designed to result in a 50/50 probability of outcome.

f. Non-phosphate industrial energy sales are now modeled using a time trend. In the past DEF used economic variables such as manufacturing employment, however as sales and customer counts continue to decrease, a time trend approach has proven more accurate.

10. The following requests pertain to the Utility's load forecasts in the Utility's 2026 TYSP.
    a. Please explain how the forecasts of annual demand and energy are used by the Utility in the resource planning process undertaken to identify optimal resource additions for the period included in the TYSP.

    b. Does the Utility prepare low case and high case demand and energy forecasts? Why or why not?

    c. If so, what conditional changes generate low case and high case forecasts for the Utility, and how are probabilities assigned to such forecasts?

    d. If low and high case forecasts are prepared, explain whether and how such forecasts may impact resource planning and additions appearing in the TYSP. Give specific examples.

RESPONSE:

a. DEF models the forecasts of annual demand and energy as part of the resource planning process. Our production cost tools optimize resource additions looking for reliability and minimization of revenue requirements. The goal is to meet the energy load forecast and maintain a 20% reserve margin based on our annual peak demand. Once DEF has an optimal plan, a reliability study is performed to meet a LOLP of 0.1, the new resources suggested by this process are added to the optimized resource plan.

b. DEF prepares low case and high case demand and energy forecasts and validates that the optimal resource plan for the mid case load forecast will be able to meet the energy and maintain a positive capacity reserve to meet unexpected load for the high case forecast.

c. DEF prepares high and low-case energy sales and peak demand forecasts by varying key economic, demographic, and weather inputs around the base case. For economic and demographic conditions, DEF uses Moody's Analytics S1 (Upside, 10th percentile; 10% probability the economy performs better and 90% probability it performs worse) and S3 (Downside, 90th percentile; 90% probability the economy performs better and 10% probability it performs worse) scenarios to define the high and low cases for the economic driver variables used in the sales models and for service-area population/customer growth

projections. Weather inputs for the energy and peak models (HDDs, CDDs, and monthly peak degree days) are based on 30-year historical weather. For each variable, monthly observations are ranked from high to low, and the upper one-third (hottest/coldest) is averaged to define the High Case condition, while the lower one-third (mildest) is averaged to define the Low Case condition.

d. DEF does not directly use the high and low forecasts directly as inputs to the resource plan. These forecasts are used as checks to see that the resource plan is sufficiently robust to handle potential variability in economic and weather forecasts. DEF primarily evaluates the high forecast to ensure that the resources planned can be expected to meet the needs of our customers under these conditions and/or that there is time to make appropriate adjustments (e.g., power purchases or new unit additions to meet these requirements).

11. For those utilities which use an all-hours loss of load probability (LOLP) methodology for system planning, please answer the following questions comparing the Utility's 50 percent probability (P50) load forecast and any forecasts developed for its LOLP analysis.

a. What conditions are reflected in each of the Utility's load forecast models and forecast inputs that allow it to produce its P50 load forecasts?

b. Are comparisons of the Utility's P50 load forecasts to actual results or other methods used for purposes of forecast bias testing? If so, how is such testing used?

c. Explain how the Utility's use of an all-hours LOLP analysis has resulted in changes to the Utility's load forecast methodologies, data, assumptions, etc.

d. Explain how the Utility's use of an all-hours LOLP analysis has modified the ways the Utility's load forecast is used by the Utility for resource planning.

e. Explain, if applicable, how the Utility's use of an all-hours LOLP analysis incorporates different weather scenarios that impact the Utility's demand throughout the year.

f. Explain, if applicable, how the Utility's use of an all-hours LOLP analysis incorporates variations of its base demand forecast (i.e., P50) for purposes of resource planning.

g. Explain how the Utility's hourly load forecasts of demand and energy used in its all-hours LOLP analysis, as opposed to the annual forecasts based on its P50 load forecast, are used to select the resource additions included in its TYSP.

RESPONSE:

The Loss of Load Expectation (LOLE) reliability verification analyses are performed at an hourly level of detail for future years in the TYSP planning period. The analysis methodology considers the uncertainty in a variety of key inputs, such as load, weather, and unplanned outages. Thousands of hourly simulations are run to cover a wide range of scenarios, each with different combinations of load, weather, and outages. The hourly load shapes for these scenarios are developed using 30 years of historical weather data. Load shapes for each weather year are developed to represent the expected future system load response to the historical weather (i.e., temperature). For example, the load shape generated for a 1995 weather year are intended to represent how loads would respond if the 1995 weather were to repeat during a future study year (e.g., 2029). For each historical weather year, load shapes are produced using a combination of neural networks trained on trends and relationships observed between system load and weather in recent years, as well as linear regression models. In addition to temperature, these neural network and regression models also include effects for day of week, hour of day, hour of week, 8-hour rolling average temperature, 24-hour rolling average temperature, and 48-hour rolling average temperatures. Specific models were created for winter, summer, and shoulder periods. The trained models and regressions are then applied to hourly historical weather data from the National Oceanic and Atmospheric Administration (NOAA) for the 30-year historical period of interest, producing a unique synthetic 8,760-hour load shape for each historical weather year. To account for future changes in system load and demand, these load shapes are then scaled and shifted so that the median load shape for each season across all weather year load shapes produces a seasonal energy and peak demand equal to the future study year weather normal peak load (demand) and energy forecast. Finally, additional load scenarios are produced by further modifying the load shapes to account for the uncertainty in the economic components embedded in the weather normal load forecast. Therefore, the LOLE reliability verification analyses do not model load deterministically, but stochastically, assigning equal probability to each historical weather year load scenario.

a. The P50 load forecast is created for use in DEFs deterministic expansion planning and production cost tool (Encompass) and follows the process described in Chapter 2 of the TYSP. This forecast is separate from the inputs to the stochastic reliability model except to the extent that both are based on the 30-year weather and load history.

b. DEF examines forecast results compared to actual results in a variety of ways such as the error fan format requested as a part of this submittal. DEF recognizes that the primary drivers of deviation are weather and changes in economic circumstances. DEF evaluates the deviations in light of these issues and to identify any long-term bias trends. If such a trend were identified, DEF would look at specific underlying components such as weather correction, sales by customer class, use per customer and other factors to identify the source of the trend. For example, DEF has recently changed the forecasting approach for non-phosphate industrial load from an econometric model to a time trend, which was shown to better track historic actual loads.

c. Because the load forecast methodology for the LOLE analysis is different from that for the deterministic modeling, DEF has not altered the methodology for the base (P50) forecast.

d. The use of LOLE modeling has not altered the use of the base forecast in resource planning.

e. Please see the description above. The LOLE modeling does not incorporate different weather scenarios per se but evaluates the risk under different conditions captured in the actual weather behavior over the 30-year weather period.

f. Please see the description above. The weather data used in the LOLE analysis does not utilize the base load forecast.

g. DEF does not use the load forecast inputs to the LOLE analysis directly in its resource planning. DEF reviews the results of the LOLE analysis to identify periods when that analysis identifies a risk of loss of load exceeding the threshold of one event-day in ten years. When such periods are identified, DEF uses the LOLE analysis to test the risk associated with alternate resource plans and adjusts the resource plan as needed to meet the established target.

12. Please explain how the Utility's hourly forecasts of demand and energy are used to select the resource additions included in its TYSP. Give specific examples.

RESPONSE:

As described in Chapter 3 of the TYSP, the hourly load forecast is one of many inputs to YES Energy's Encompass tool, used by DEF for both expansion planning and production cost modeling. Encompass uses the multi-year hourly load forecast to identify periods of resource need, typically occurring at the peak hours in the summer and winter seasons. Encompass measures the available capacity against the load plus the 20% reserve margin in all hours and dispatches the available capacity, both generating capacity and demand response capacity against that load. The model also adjusts for limitations in unit performance and simulates unit outages. For example, solar generation has a weather matched generation schedule simulating the expected irradiance. Battery Energy Storage Systems (BESS) have defined capabilities for charge and discharge. Demand Response programs have limitations for deployment based on specific terms of the tariffs. Using this information, the model identifies periods of capacity shortfall and tests different combinations of units against that shortfall to identify the most cost-effective combination of units to serve the load and meet the reserve margin. As described in the response to Question 11.g. above, DEF also employs a stochastic risk assessment model to test the reliability of the Encompass solution and to determine whether that solution also satisfies the one event-day in ten years LOLE criterion. If the Encompass solution does not satisfy that criterion, DEF adjusts the resource plan to meet the criterion, using iterative runs of the stochastic model. These results are then tested for cost effectiveness in Encompass to create the final resource plan.

Refer to response to question 69 to see how EnCompass dispatches the resources to meet the hourly load in the most economic possible way based on the availability, operations constraints, and cost of the resources.

13. Beyond traditional econometric and end-use models, does the Utility employ any alternative load forecasting methodologies to address forecast uncertainty? If so, please describe those methods.

RESPONSE:

No. DEF's base case load forecast for the TYSP is developed using traditional econometric and end-use modeling approaches. Forecast uncertainty is addressed through use of a "most recently available" economic outlook from a recognized source and by developing the TYSP base case as a 50/50 (P50) planning projection, rather than through separate alternative forecasting methodologies.

14. Does the Utility incorporate weather variability or extreme weather scenarios into its load forecasting process? If so, how are these scenarios reflected in resource planning decisions?

RESPONSE:

Yes. DEF incorporates weather variability into its winter peak demand forecasting by developing a P90 winter peak using a 30-year normal HDD assumption. This approach is intended to capture and plan for winter peak conditions consistent with an approximately 1-in-ten-year extreme cold event. The resulting P90 winter peak is reflected in resource planning decisions by informing the level of capacity needed to reliably serve winter peak demand under these more extreme weather conditions.

15. Regarding the Utility's base case forecasts in the Utility's 2026 TYSP, please explain the forecasted trends, identify the major factors (currently and in the forecasted period) that contribute to the growth/decline of the trends, and provide other information as requested below in each of the following:

    a. Growth of customers, by customer type (residential, commercial, industrial) as well as Total Customers.

    b. Average KWh consumption per customer, by customer type (residential, commercial, industrial).

    c. Total Sales (GWh) to Ultimate Customers.

RESPONSE:

a. DEF customer growth has always been dominated by the Residential and Commercial customer classes which continue to increase. Customer growth trends are driven by broad economic and demographic trends. These generic trends are typically covered in each year's assumptions section of the DEF's TYSP. Items such as population growth, population migration, and retirement demographic trends determine customer growth. Housing market issues such as affordability, mortgage rates, and job growth have always applied a significant influence on customer growth dynamics as well. More recent site plans reflect a return to the long-term trend of population migration into Florida. Commercial customer growth typically tracks residential growth, supplying needed services. Industrial customers have been decreasing and continue to decrease, impacted by downward trends in industrial employment/offshoring of manufacturing. Total customer growth continues to increase driven by residential and commercial growth.

b. Residential and commercial class per customer usage are driven, primarily, by fluctuations in electric price, end use appliance saturation, changing (improving) end use appliance efficiency, improved building codes, housing type/building size, and space conditioning equipment fuel type. More recently, the ability to self-generate has begun to make an impact. A small percentage of industrial/commercial customers have chosen to install their own natural gas generation, reducing kWh consumption from the power grid. Similarly, residential and some commercial accounts have reduced their utility requirements by installing solar panels behind their meter. Contrarily, the penetration of plug-in electric vehicles has grown, leading to an increase in residential use per customer, all else being equal. Each of these stated items are handled either implicitly in the economic scenario presented by Moody's Analytics or explicitly in the internal DEF projections of UEE, Solar PV and plug-in Electric Vehicles. Average use per customer continues to decline in the near term due to increased appliance efficiency and behind the meter solar adoption.

c. Total Sales to Ultimate Customers GWh are made up of retail sales which include residential, commercial, industrial, street lighting, and other sales to public authorities. Trends impacting the customer classes that make up retail sales are typically covered in each years' assumptions section of the DEF's TYSP.

   Currently, residential and some commercial accounts have reduced their utility requirements by installing solar panels behind their meter. Contrarily, the penetration of plug-in electric vehicles has grown, leading to an increase in residential use per customer, all else being equal. High inflation and the resulting rise of the federal funds rate is also impacting economic drivers. Each of these stated items are handled either implicitly in the economic scenario presented by Moody's Analytics or explicitly in the internal DEF projections of UEE, Solar PV and plug-in Electric Vehicles.

   For the forecast period, behind the meter generation is expected to continue to increase along with a smaller near-term rate of electric vehicle adoption. Expectations of lower economic growth due to lagged effects from monetary and fiscal policy updates impact the forecast in the short term however, there are no predictions for a recession.

16. Please identify all closed and open Florida Public Service Commission (FPSC) dockets and all non-docketed FPSC matters which were/are based on the same load forecast used in the Utility's current planning period TYSP.

RESPONSE:

Docket No.20260048-EI - DEF Petition for approval of amended standard offer contract (Schedule COG-2); this item received Commission approval at the May 5, 2026 Agenda.

17. Please reference the Utility's customer and base case energy sales forecasts in the Utility's 2026 TYSP. Please explain whether the Utility evaluates the accuracy of its forecasts of customer growth and annual retail energy sales presented in its past TYSPs. If so, please provide the actual/forecast comparisons (in Excel format) with a narrative explaining the Company's methodology. If not, please explain why the Utility elects not to perform such an analysis.

RESPONSE:

DEF maintains annual Forecast Evaluation Tables reflecting projection accuracy for all previous TYSP projections from 2005 to 2025 for Net Energy for Load (NEL), System Customers, System MW and Retail MW.

Each previous projection's ten-year forecast horizon is compared to all existing comparable historical data-to date. For NEL and Customer data, reported actual company data is compared to projection. For System and Retail MW, both actual and forecast Summer and Winter MW peaks are evaluated on a comparable basis assuming no activated demand response. See attached file *TYSP Error Fan_2026.xlsx*.

18. Please reference the Utility's base case demand forecasts in the Utility's 2026 TYSP. Please explain whether the Utility evaluates the accuracy of its forecasts of Summer/Winter Peak Demand presented in its past TYSPs. If so, please provide the actual/forecast comparisons (in Excel format) with a narrative explaining the Company's methodology. If not, please explain why the Utility elects not to perform such an analysis.

RESPONSE:

Please refer to response to Q17 and the corresponding Excel file.

DEF prepared a forecast comparison of the past Ten-Year Site Plan forecasts from 2005 to 2025 as compared to the history. Variance calculation of (History / Forecast) are calculated across history and the TYSPs. This is the "TYSP Error Fan" in excel spread sheet form. The calculations compare the forecasts of Net Energy for Load, System Customers, Retail Peak Load and System Peak Load. Annual forecasts are compared for Net Energy for Load and System Customers and season forecasts are compared for Retail Peak Load and System Load.

19. Please explain any current and forecasted trends, identify the major factors that contribute to the observed current and forecasted trends, and provide other information as requested below in each of the following components of the Utility's base case Summer/Winter Peak Demand the Utility's 2026 TYSP:

    a. Demand Reduction due to the Company's energy efficiency and/or conservation program(s) and Self Service, by customer type (residential, commercial, industrial) as well as by Total Customers.

    b. Demand Reduction due to Demand Response programs, Demand Side Renewable Systems, and/or Self Service, by customer type (residential, commercial, industrial).

    c. Total Demand.

    d. Net Firm Demand, by the sources of peak demand appearing in Schedule 3.1 and Schedule 3.2 of the current planning period TYSP.

RESPONSE:

a. Conservation (utility-sponsored and "naturally occurring" appliance efficiency & building code improvements) and self-generation are primary contributors to the long-term trends in lower energy use per customer and resulting reductions in the growth of the peak demand. Stricter building codes and improved heating/cooling (as well as other) equipment efficiencies have been a steady and effective way to reduce the growth in Summer/Winter peak for all classes of customers. The forecast projects continuing improvement as newer homes and newer appliances replace older, less efficient homes and appliances. DEF's conservation programs incentivize customers to purchase heating/cooling equipment at a level just above the required Federal Standards. In addition to conservation measures, customers in several different customer classes have installed "behind-the-meter" solar generation and more are projected to in the forecast.

b. DEF commercial/industrial Demand Response program interest continues to increase due to observed customer load levels and economic conditions. This trend is expected to follow forecasted load growth.

   Residential capability growth has largely followed commission approved plans which includes efforts for control device maintenance, resulting in some participants coming off the program because of no replies to contact attempts, no longer interested in participating, or unwilling to schedule a device replacement appointment.

c. Please see response to Q6. Most factors that impact levels of "energy" have similar effects for energy at time of peak.

d. Please see response to Q6. Most factors that impact levels of "energy" have similar effects for energy at time of peak.

20. Please explain any anomalies caused by non-weather events with regard to annual historical data points for the period 10 years prior to the current planning period that have contributed to the following:

    a. Summer Peak Demand.

    b. Winter Peak Demand.

    c. Annual Retail Energy Sales.

    RESPONSE:

    In the ten-year period beginning in 2014 there have been no significant non-weather changes or anomalies that continue to impact DEF's Summer/Winter Peak MW demand. General trends impacting the demand have continued over the ten-year period. DEF's service to wholesale jurisdictional demand and energy continues to be a declining share of total company Summer Peak, Winter Peak, and NEL. Secondly, seasonal peak demand continues to be affected by more efficient end-use appliances and lighting.

    The most significant non-weather impact on DEF load and demand is only beginning to be felt and is reflected more in the forecast than the historic trend data and that is the broader saturation of self-generation particularly rooftop solar PV. Impacts of customer owned generation have been modest thus far, but the trend of increasing adoption indicates that there will be significant and growing impacts especially to the annual energy sales in the near future.

21. Please provide responses to the following questions regarding the weather factors considered in the Utility's retail energy sales and peak demand forecasts:

    a. Please identify, with corresponding explanations, all the weather-related input variables that were used in the respective Retail Energy Sales, Winter Peak Demand, and Summer Peak Demand models.

    b. Please specify the source(s) of the weather data used in the aforementioned forecasting models.

    c. Please explain in detail the process/procedure/method, if any, the Utility utilized to convert the raw weather data into the values of the model input variables.

    d. Please specify with corresponding explanations:

(1) How many years' historical weather data was used in developing each retail energy sales and peak demand model.

(2) How many years' historical weather data was used in the process of these models' calibration and/or validation.

e. Please explain how the projected values of the input weather variables (that were used to forecast the future retail energy sales or demand outputs for each planning years 2026–2035) were derived/obtained for the respective retail energy sales and peak demand models.

RESPONSE:

Please refer to the DEF 2026 TYSP.

22. **[Investor-Owned Utilities Only]** If not included in the Utility's 2026 TYSP, please provide load forecast sensitivities (high band, low band) to account for the uncertainty inherent in the base case forecasts in the following TYSP schedules, as well as the methodology used to prepare each forecast:

a. Schedule 2.1 – History and Forecast of Energy Consumption and Number of Customers by Customer Class.

b. Schedule 2.2 - History and Forecast of Energy Consumption and Number of Customers by Customer Class.

c. Schedule 2.3 - History and Forecast of Energy Consumption and Number of Customers by Customer Class.

d. Schedule 3.1 - History and Forecast of Summer Peak Demand.

e. Schedule 3.2 - History and Forecast of Winter Peak Demand.

f. Schedule 3.3 - History and Forecast of Annual Net Energy for Load.

g. Schedule 4 - Previous Year and 2-Year Forecast of Peak Demand and Net Energy for Load by Month.

RESPONSE:

Please refer to the DEF 2026 TYSP.

Demand-Side Resources

23. Please address the following questions regarding the impact of all customer-owned/leased renewable generation (solar and otherwise) on the Utility forecasts.

a. Please explain in detail how the Utility's load forecast for the 2026-2035 period accounts for the impact of all forms of customer's renewable generation.

b. Please provide the annual impact, if any, of all forms of customer's renewable generation on the Utility's retail demand and energy forecasts, by class, by year, and in total, for the 2026 through 2035 period.

c. If the Utility maintains a forecast for the planning horizon (2026-2035) of the number of customers with renewable generation, by customer class, please provide.

d. Please provide the source of all data for responses to parts (b) and (c) above.

RESPONSE:

a. Existing customer-owned renewable generation is captured in the historical dataset used for load forecast modeling. The projected impact of future customer owned renewable generation is added to the base load forecast as a reduction to load.

b. Please see table below and tab *Q23b* of the attached Excel File *2026 TYSP Data Request #1 – Excel Tables_Q23*.

Year	Cumulative Customer Owned/Leased Renewable Generation				Cumulative Customer Owned/Leased Renewable Generation							
	Residential Energy Impact (MWh)	Commercial Energy Impact (MWh)	Industrial Energy Impact (MWh)	Total Energy Impact (MWh)	Residential Summer Demand (MW)	Residential Winter Demand (MW)	Commercial Summer Demand (MW)	Commercial Winter Demand (MW)	Industrial Summer Demand (MW)	Industrial Winter Demand (MW)	Total Summer Demand (MW)	Total Winter Demand (MW)
2025	(75,875)	(6,928)	(364)	(83,168)	(15)	(0)	(1)	(0)	(0)	0	(16)	(0)
2026	(219,107)	(19,994)	(1,047)	(240,149)	(36)	(1)	(3)	(0)	(0)	(0)	(40)	(1)
2027	(367,369)	(33,063)	(1,731)	(402,163)	(59)	(2)	(5)	(0)	(0)	(0)	(64)	(2)
2028	(517,662)	(45,930)	(2,404)	(565,996)	(82)	(2)	(7)	(0)	(0)	(0)	(89)	(3)
2029	(672,218)	(58,802)	(3,077)	(734,096)	(105)	(3)	(9)	(0)	(0)	(0)	(115)	(3)
2030	(797,727)	(71,609)	(3,746)	(873,082)	(122)	(4)	(11)	(0)	(1)	(0)	(134)	(4)
2031	(868,850)	(84,544)	(4,423)	(957,817)	(133)	(4)	(13)	(0)	(1)	(0)	(147)	(5)
2032	(939,478)	(97,030)	(5,076)	(1,041,585)	(144)	(5)	(15)	(1)	(1)	(0)	(160)	(5)
2033	(1,017,985)	(109,647)	(5,736)	(1,133,367)	(156)	(5)	(17)	(1)	(1)	(0)	(174)	(6)
2034	(1,101,938)	(122,201)	(6,392)	(1,230,530)	(168)	(5)	(19)	(1)	(1)	(0)	(189)	(6)
Notes												

c. Please see table below and tab *Q23c* of the attached Excel File 2026 TYSP Data Request #1 – Excel Tables_Q23.

Year	Cumulative Customer Owned/Leased Renewable Generation Counts			
	Residential Customers	Commercial Customers	Industrial Customers	Total Customers
2026	113,908	923	3	114,834
2027	123,981	1,007	5	124,993
2028	134,383	1,091	7	135,481
2029	145,068	1,175	9	146,252
2030	156,035	1,259	11	157,305
2031	162,100	1,343	13	163,456
2032	167,206	1,427	15	168,648
2033	172,737	1,511	17	174,265
2034	178,690	1,595	19	180,304
2035	185,005	1,679	21	186,705
Notes				
Historical non-residential data not distinguished between commercial and industrial - assumed all commercial				

d. The source of all data for responses to parts (b) and (c) comes from Datamart.

24. Please address the following questions regarding the impact of all customer-owned/leased energy storage devices on the Utility forecasts.

a. Please explain in detail how the Utility's load forecast for the 2026-2035 period accounts for the impact of all forms of customer's energy storage.

b. Please provide the annual impact, if any, of all forms of customer's energy storage on the Utility's retail demand and energy forecasts, by class, by year, and in total, for the 2026 through 2035 period.

c. If the Utility maintains a forecast for the planning horizon (2026-2035) of the number of customers with energy storage, by customer class, please provide.

d. Please provide the source of all data for responses to parts (b) and (c) above.

RESPONSE:

a. DEF's forecast incorporates the behavior of customers with behind the meter storage through the time trends of historic actual customer behavior. DEF does not separately forecast this impact.

b. DEF does not have specific data on the energy storage impact.

c. DEF is aware of the number of customers who currently have identified energy storage as part of a solar net-metering system. It is not known what additional energy storage may be

owned/operated by customers who have not identified these systems as part of net-metering. DEF does not forecast the future adoption of customer-owned energy storage.

d. N/A

25. Please explain how the anticipated growth of customer-owned renewable generation resources is reflected in the Utility's load forecast for the 2026-2035 period. In the Utility's response, address whether, and what type of, modeling adjustments are used for this purpose.

RESPONSE:

Anticipated growth in customer-owned behind-the-meter solar PV is reflected in DEF's 2026–2035 load forecast through an explicit adjustment for projected self-generation. This solar PV forecast is incremental (i.e., it reflects projected growth in behind-the-meter solar adoption and generation beyond levels already embedded in historical load). DEF develops an internal forecast of customer-owned solar PV adoption and associated hourly/annual generation, and this projected behind-the-meter production is treated as a reduction to the energy and demand that would otherwise be served from the grid (i.e., the forecast is developed on a net-of-behind-the-meter basis). These adjustments are applied within the forecast development process at the appropriate customer-class level and are reflected in the resulting Net Energy for Load (NEL) and peak demand forecasts used for resource planning.

26. Does the Utility's load forecast for the 2026-2035 period recognize all forms of renewable generation resources in terms of a measurable demand reduction (in megawatts), a measurable energy reduction (in megawatt hours), or both? Please explain the Utility's response.

RESPONSE:

DEF's 2026–2035 load forecast recognizes customer-owned renewable generation only to the extent it is reflected as behind-the-meter solar PV self-generation. The projected behind-the-meter solar PV output is reflected as both a measurable energy reduction (MWh) through a reduction to forecasted Net Energy for Load (NEL) and a measurable demand reduction (MW) to the extent that projected behind-the-meter solar PV generation is coincident with the system peak, thereby reducing forecasted peak demand on a net-of-behind-the-meter basis.

27. Please refer to the **Excel Tables File (Customer-Owned Resources).** Complete the table by providing the forecasted data on customer-owned resources for the current planning period, including the number, capacity, and impact on forecasts of customer-owned renewable and energy storage resources.

RESPONSE:

Please see the table below and tab *Customer-Owned Resources* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Resource Type	Customer-Owned Resources										
	Actual	Projected									
	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Renewable Resources											
Number of Installations	104,833	114,834	124,993	135,481	146,252	157,305	163,456	168,648	174,265	180,304	186,705
Total Capacity of Installations	995	1,097	1,201	1,307	1,415	1,525	1,589	1,643	1,701	1,762	1,827
Reduction to Summer Peak Demand (MW)	NA	16	40	64	89	115	134	147	160	174	189
Reduction to Winter Peak Demand (MW)	NA	0	1	2	3	3	4	5	5	6	6
Reduction to Net Energy for Load (GWh)	1,527	1,610	1,767	1,930	2,093	2,261	2,400	2,485	2,569	2,661	2,758
Energy Storage Resources											
Number of Installations	5,784	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Capacity of Installations (MW)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Storage Capacity of Installations (MWh)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Reduction to Summer Peak Demand (MW)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Reduction to Winter Peak Demand (MW)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Reduction to Net Energy for Load (GWh)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Notes											
(Include Notes Here)											

FEECA

28. **[FEECA Utilities Only]** Please refer to the **Excel Tables File (DR Participation)**. Complete the table by providing for each source of demand response annual customer participation information for three years prior to the current planning period. Please also provide a summary of all sources of demand response using the table.

RESPONSE:

Please see the tables below and tab *DR Participation* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

[Demand Response Source or All Demand Response Sources]									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	431,460	617	2,922	903	2	36	1,157	2	31
2024	433,765	5,004	2,589	937	52	21	1,186	47	23
2025	431,350	52,635	3,669	906	22	29	1,162	48	31
Notes									
(Include Notes Here)									

Residential Load Management									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	431,041	614	2,916	377	1	10	650	1	5
2024	433,343	4,998	2,579	386	4	2	654	8	4
2025	430,924	52,629	3,651	384	17	5	651	43	7
Notes									
Beginning year 2023 customers = SAP/HANA report for participants Jan 1, 2023 - Jan 31, 2023									
Capacity at generator based on participant counts									
Customers lost in 2024 in 2025 increased due to Switch Replacement Plan									
42,500 customers were on the FLER_RSL1 rate with no operands. Prior to the introduction of the LMR-1 Rider, these customers were on the RSL-1 Rate									
so they were counted as participants. When the LMR-1 Rider came into effect these customers were moved to the RS Rate. As they have no products they									
are no longer counted as participants. the remaining 10,000 lost customers were removed during the switch replacement effort, they opted out of the program.									

Commercial Load Management									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	58	0	0	4	0	0	0	0	0
2024	58	0	0	4	0	0	0	0	0
2025	58	1	0	4	0	0	0	0	0
Notes									
(Include Notes Here)									

Standby Generation									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	186	3	4	83	1	3	82	1	3
2024	187	2	7	85	1	3	84	1	3
2025	192	4	13	87	2	16	86	2	16
Notes									
(Include Notes Here)									

Interruptible Service									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	171	0	1	390	0	22	384	0	22
2024	172	2	3	412	2.4	16	406	2.4	16
2025	173	1	1	425.6	3	1	420	3	1
Notes									
(Include Notes Here)									

Curtailable Service									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	4	0	1	49	0	1	41	0	1
2024	5	2	0	50	45	0	42	36	0
2025	3	0	4	5	0	7	6	0	7
Notes									
January 2024 Lost capacity due to the closure of curtailable customer called GP Cellulose									

Table Footnotes:
(1) Total available capacity may change as a result of multiple factors including changes in participation, changes in contribution from existing participants, and periodic evaluation of system response. Thus, changes in total available capacity do not directly correlate to changes in participation.
(2) Added capacity corresponds to the addition of new participants and those converted from suspended accounts.

29. **[FEECA Utilities Only]** Please refer to the **Excel Tables File (DR Annual Activations)**. Complete the table by providing for each source of demand response annual usage information for three years prior to the current planning period. Please also provide a summary of all demand response using the table.

RESPONSE:

Please see the tables below and tab *DR Annual Activation* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

[Demand Response Source or All Demand Response Sources]														
Year	Summer							Winter						
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)		
		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day
2023	38	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	46	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	53	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

Residential Load Management														
Year	Summer							Winter						
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)		
		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day
2023	38	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	46	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	53	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

Commercial Load Management														
Year	Summer							Winter						
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)		
		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

StandBy Generation														
Year	Summer							Winter						
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)		
		Averag	Max	Peak	Averag	Max	Peak		Averag	Max	Peak	Averag	Max	Peak
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

Interruptible Service														
Year	Summer							Winter						
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)		
		Averag	Max	Peak	Averag	Max	Peak		Averag	Max	Peak	Averag	Max	Peak
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

Curtailible Service														
Year	Summer							Winter						
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)		
		Averag	Max	Peak	Averag	Max	Peak		Averag	Max	Peak	Averag	Max	Peak
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

30. **[FEECA Utilities Only]** Please refer to the Utility's 2026 TYSP.

    a. Do the Company's energy and demand savings amounts reflected on the DSM and Conservation-related portions of all energy and demand savings schedules (Schedules 2.1, 2.2, and 2.3 for energy savings and Schedules 3.1, 3.2, and 3.3 for demand savings) reflect the Company's goals that were approved by the Commission in the 2024 FEECA Goalsetting dockets?

    b. If applicable, discuss what adjustments to the Load Forecast are made to the schedules when demand and energy savings achievements fall short of the Company's goals that were approved by the Commission?

    c. If the Company's demand and energy savings from the 2024 FEECA Goalsetting dockets are not reflected in the above-noted schedules, please explain what savings assumptions from the 2024 FEECA Goalsetting dockets are incorporated within the ten-year site plan schedules, and why.

    RESPONSE:

    a. Yes.

    b. DEF has consistently achieved the goals for program growth set out in the applicable goals docket for each year. DEF's 2026 TYSP incorporates the projected goal achievements in the forecast methodology. In 2026, as in each TYSP, DEF adjusts the starting point for the forecast growth achievements based on the actual achievements from the previous year.

    c. Not applicable. DEF's 2026 TYSP load forecast incorporates the demand and energy reductions expected to be realized through the currently FPSC approved DSM goals (Docket No. 20240013 EG).

Plug-in Electric Vehicles (PEVs)

31. Please refer to the **Excel Tables File (PEV Charging).** Complete the table by providing estimates of the requested information within the Utility's service territory for the current planning period. Direct current fast charger (DCFC) PEV charging stations are those that require a service drop greater than 240 volts and/or use three-phase power.

RESPONSE:

Please see the table below and tab *PEV Charging* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Year	Number of PEVs	Number of Public PEV Charging Stations	Number of Public DCFC PEV Charging Stations	Cumulative Impact of PEVs		
				Summer Demand	Winter Demand	Annual Energy
				(MW)	(MW)	(GWh)
2026	105,888	3,434	983	18.61	1.25	53
2027	131,081	4,295	986	32.72	3.33	113
2028	160,267	5,322	991	47.59	7.90	183
2029	197,212	6,573	1,008	65.43	12.86	271
2030	244,151	8,123	1,064	89.09	19.85	390
2031	300,852	9,963	1,152	124.39	30.48	561
2032	368,027	12,105	1,265	165.92	43.66	764
2033	447,457	14,604	1,402	214.75	59.47	1,006
2034	538,821	17,460	1,562	271.26	77.68	1,285
2035	641,054	20,645	1,741	334.37	98.63	1,597

Notes

1. Source: Fall 2025 EV Forecast
2. "Number of PEVs" total cumulative PEV vehicles which includes includes Light, Medium, and Heavy Duty Vehicles.
3. "Cumulative Impact of PEVs" includes only net-new vehicles beginning January 2026 as used and provided to load forecasting. This includes energy impacts from light, medium, and heavy duty vehicles (energy is from 1/1/2026).
4. "Number of Public PEV charging stations" includes both L2 and DC charging stations
5. "Cumulative Impact of PEV's at the system's coincident peak for Summer and Winter.

32. Please identify and describe all methods and programs the Utility has used, if any, to address the impact of PEVs charging on seasonal peak demand, including any special rates or tariffs, demand-side management programs (including PEV-centric demand response), and customer education. As part of the Utility's response, provide the estimated impact of each method or program on seasonal peak demand.

RESPONSE:

The Company's Off-Peak Credit program with over 8,300 current participants is specifically designed to help EV-driving customers avoid system peaks when charging their EV at home. The program provides monthly bill credits to customers that avoid charging during system peaks. Inherently, these participating customers are educated about the timing of system peaks and rewarded for avoiding them. The Company's analytics currently suggest that winter morning peak demand is reduced up to 0.04 kW per EV with the relatively small amount attributed to the fact that most EVs have already finished charging overnight when the morning peak occurs, leaving little load to be shifted. Summer afternoon peak savings are more significant, showing as much as 0.22 kW per EV – a reduction of nearly 50%.

33. Please explain any historic trends related to the following:

    a. PEV counts

b. PEV charging installation counts

c. Annual energy consumption

d. Seasonal Peak Demand (Summer and Winter)

RESPONSE:

a. Historical PEV count growth in the DEF region has been strong with compound annual growth rate of approximately 46% for 2020 through 2025. Recent registration data suggests that while growth will continue, the rate of growth is slowing. The Company will continue to monitor as more data becomes available.

b. The Company continues to see charger installation growth with a compound annual growth rate of approximately 30%.

c. PEV energy consumption is directly tied to the number of PEVs in operation and has grown at a similar rate to the PEV count growth above.

d. Like PEV energy consumption, PEV peak demand impacts are tied to PEVs in operation and have grown similarly.

34. Please explain any current or forecasted trends related to the following:

a. PEV counts

b. PEV charging installation counts

c. Annual energy consumption

d. Seasonal Peak Demand (Summer and Winter)

RESPONSE:

a. Forecasted growth in PEV counts continues to be strong throughout the forecast period. There is downward pressure on the forecast due to inflation, interest rates, the repeal of tax incentives, and total market vehicle availability, but we anticipate a compound annual growth rate of approximately 24% through 2030 and 23% through 2035.

b. PEV charger installation counts are expected to continue to grow at a compound annual growth rate of approximately 19% through 2029 and 18% through 2034.

c. Annual energy consumption across all duties of PEVs (light, medium, and heavy-duty) is forecasted to grow at a compound annual growth rate of 60% over the next 5 years, and 43% over the next 10.

d. PEV Summer peak demand contribution is expected to grow at a compound annual growth rate of approximately 48% (2026-2030) and 38% (2026-2035). The PEV Winter peak demand contribution is expected to grow at approximately 99.6% (2026-2030), and 62% (2026-2035).

35. Please describe any utility programs or tariffs currently offered to customers relating to PEVs, and describe whether any new or additional programs or tariffs relating to PEVs will be offered to customers within the current planning period.

a. Of these programs or tariffs, are any designed for or do they include educating customers on electricity as a transportation fuel?

b. Does the Utility have any programs where customers can express their interest or expectations for electric vehicle infrastructure as provided for by the Utility? If so, please describe in detail.

RESPONSE:

The Company offers an EV charger installation rebates program for residential, commercial & industrial customers that install EV charging solutions, a program that assists residential customers to avoid system on-peak charging and rewards that behavior with small monthly credits, publicly available DC fast chargers, and a program that assists commercial customers with evaluating fleet electrification. The Company consistently evaluates potential new programs that might be offered to assist customers with EV adoption.

a. While all programs include budget for education & outreach that inherently increases customer knowledge of electricity as a transportation fuel, both the Off-Peak Credit program and the Fleet Advisory programs have a strong customer education focus. The Off-Peak Credit program provides prospective and actual participants with education and experience not only in using electricity as a fuel but also in managing that use for the benefit of the system as a whole.

The Fleet Advisory program supports non-residential customers with fleet operations by providing the opportunity to receive a comprehensive analysis from a third party to evaluate the feasibility of transitioning the customer's fleet. Typical outputs of a Fleet advisory analysis include total cost of ownership comparisons, electric vehicle model availability, and costs of electricity as a fuel, among other key insights.

The Company also regularly updates its website to enhance web pages for consumer information of electric vehicles and electric vehicle infrastructure.

b. The Company consistently seeks to add programs and processes that ease the transition to electric transport for customers. These efforts include consideration of programs that would assist with or directly provide for privately controlled charging infrastructure. In 2025, the Company launched the Charger Prep Credit (also known as Make Ready Credit) program. The Charger Prep Credit program provides funding for behind the meter infrastructure to support customer or third party owned EV chargers for both residential and non-residential customers and has proven successful, particularly in support of non-residential installations.

   Finally, the Company employs personnel who serve as liaisons for non-residential customers that seek to deploy larger EV charging sites such as public DC fast charging station or private fleet electrification installations. The Transportation Electrification Grid Readiness liaison group works directly with public charging vendors and private fleets on grid readiness for large EV charging installs. This includes consultative services which help to educate operators by meeting them where they are in their electrification journey and assisting them in the development and facilitation of infrastructure upgrades. This can range from working with a third-party analytics firm who analyzes a customer's fleet vehicles and operations then recommends tailored solutions through the Fleet Advisory program to working with more seasoned fleets on their capacity upgrades and timely installs across the enterprise.

36. Has the Utility conducted or contracted any research to determine demographic and regional factors that influence the adoption of PEVs applicable to its service territory? If so, please describe in detail the methodology and findings.

RESPONSE:

The Company has not studied demographic characteristics. The Company uses registration data as a base dataset for EV adoption so some regional characteristics/factors would be reflected in this dataset, but at this time the company has not conducted any research into demographics factors that influence adoption based on historical adoption and future trends.

37. If applicable, please list and briefly describe all PEV pilot programs the Utility is currently implementing and the status of each program.

RESPONSE:

As briefly described in the responses to data request questions 32 and 35, the Company operates four EV programs. They are

- Charger Prep Credit (Make Ready Credit)
- Off-Peak Credit
- Park & Plug
- Fleet Advisory

The Charger Prep Credit program provides funding for behind the meter infrastructure to support customer or third party owned EV chargers for both residential and non-residential customers and has proven successful, particularly in support of non-residential installations. Through February 2026, it has supported customer installation of 1,437 residential chargers and 332 non-residential chargers since launching in 2025.

A description of, current enrollment in, and load management characteristics for the Off-Peak Credit program can be found in the response to data request question 32.

The Park & Plug public DC fast charging effort was designed to provide foundational public charging infrastructure throughout the Company's footprint. The program concluded deployment activities in 2025 and now operates (65) fast chargers.

The Fleet Advisory program was designed to support fleet operators by providing the opportunity to procure a vendor of their choice to provide analysis on transitioning their fleet to electric vehicles. Advisory studies weigh total cost of ownership, identify potential operational cost savings and articulate other operational benefits associated with EV adoption. As of February 2026, a total of 6 non-residential customers have submitted pre-approval requests. Of those, two customers are currently sourcing a third-party vendor. The other four applicants were disqualified because their fleet did not meet program criteria.

38. If applicable, please describe any key findings and metrics of the Utility's PEV pilot program(s) which reveal the PEV impact to the demand and energy requirements of the Utility.

RESPONSE:

For the impact of the Off-Peak Credit program, please refer to the response to data request question 32.

The Company reports annually on the Charger Prep Credit program to update the Commission on the program's underlying assumptions and inputs. At this time, because the program did not launch until January of 2025, the Company has not collected a complete year of data from a statistically significant population to be able to analyze such assumptions, which are primarily the demand and consumption of EV charging for various use cases. The Company expects to have sufficient data by the time of its next report in December 2026.

Emerging Technologies

39. With respect to the energy consumption resulting from the emerging technologies-related electrical equipment (specifically PEVs and Data Centers):

    a. Please explain how PEVs and Data Centers are recognized in the Utility's sales forecasting models.

b. Please explain whether PEVs and Data Centers have notable impacts on the forecasting accuracy of the Utility's annual retail energy sales models.

c. Please identify any other emerging technologies-related electrical equipment the Utility has specifically recognized in its sales forecasting models, and explain whether any such equipment has notable impacts on the forecasting accuracy of the Utility's annual retail energy sales model.

RESPONSE:

a. PEVs are recognized in DEF's retail energy sales forecasting models through an explicit adjustment based on DEF's internal projection of plug-in electric vehicle adoption and associated charging energy. The projected incremental PEV charging energy is allocated to the appropriate customer class (primarily Residential, with some impacts to Commercial associated with workplace/public charging) and is reflected in the forecasted annual retail energy sales and load shapes used in the TYSP. Data centers are recognized in the Commercial sales forecast and are included to the extent that existing data centers are reflected in the underlying customer-specific information used to develop the Commercial class forecast.

b. PEVs and data centers can contribute to forecast uncertainty to the extent their adoption, timing, and usage patterns differ from assumptions. At this time, DEF addresses these emerging technology impacts through the use of internal PEV projections and through inclusion of known/identified data center load additions within the Commercial class forecast. In general, forecast accuracy impacts are more likely to be associated with changes in the timing and magnitude of large, discrete loads (such as data center additions or expansions) or changes in the pace of PEV adoption; however, these impacts are evaluated within DEF's ongoing forecast monitoring and annual forecast updates.

c. In addition to PEVs and data centers, DEF's sales forecasting process recognizes other emerging/end-use technology trends where material, including customer self-generation (behind-the-meter solar PV) and changes in end-use energy efficiency (UEE) that affect average usage per customer. To the extent these factors are material, they are reflected through explicit internal projections (e.g., solar PV and UEE) and/or through the economic and demographic drivers used in the class-level sales models. These items can affect forecast accuracy if actual adoption or efficiency trends differ from assumptions, and DEF monitors these effects through its forecast evaluation and update processes.

40. Please refer to the **Excel Tables File (Data Centers).** Complete the table by providing information on the data centers in the Utility's service area for the time period specified.

a. Existing Data Centers, including data centers being served as of December 31, 2025.

b. Planned Data Centers, including data centers that are planned to be in-service in 2026.

c. Planned Data Centers, including data centers that are planned after 2026.

RESPONSE:

a. Please see the table below and tab *Data Centers* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

b. Please see the table below and tab *Data Centers* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

c. Please see the table below and tab *Data Centers* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Data Center Type	Data Centers										
	Actual	Projected									
	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Existing Data Centers											
Number of Data Centers	3	3	3	3	3	3	3	3	3	3	3
Total Annual Energy Usage (GWh)	16	16	16	16	16	16	16	16	16	16	16
Impact to Summer Peak Demand (MW)	4	4	4	4	4	4	4	4	4	4	4
Impact to Winter Peak Demand (MW)	4	4	4	4	4	4	4	4	4	4	4
Planned Data Centers (In-service in 2026)											
Number of Data Centers											
Total Annual Energy Usage (GWh)											
Impact to Summer Peak Demand (MW)											
Impact to Winter Peak Demand (MW)											
Planned Data Centers (After 2026)											
Number of Data Centers			2	2	2	2	2	2	2	2	2
Total Annual Energy Usage (GWh)			14	14	14	14	14	14	14	14	14
Impact to Summer Peak Demand (MW)			16	16	16	16	16	16	16	16	16
Impact to Winter Peak Demand (MW)			16	16	16	16	16	16	16	16	16
Notes											

41. Does the load forecast in the Utility's 2026 TYSP include projections of annual energy consumption and demand associated with data centers within the Utility's service area during the forecasting time horizon (2026-2035)?

a. If such projections have been made, please provide details of the projections, including the type of data centers expected to contribute to energy/demand, and the factors that are driving this energy consumption and demand.

b. If no specific projections have been made, please explain the Utility's assumption(s) or belief(s) regarding the likely pattern of load growth associated with this industry within its service territory.

RESPONSE:

a. DEF has included the forecast for data centers currently operating in the DEF territory and identified expansions from those customers. These are included in the overall DEF forecast of commercial load. Details are provided in the response to Question 40.

b. DEF has received inquiries from a number of potential new customers. None of these progressed to the level of commitment that would warrant inclusion in the DEF 2025 TYSP load forecast. Because these inquiries are of a preliminary nature and lack specifics of timing, location, and load, it is not clear at this time what a realistic projection of this development, if any, would be. DEF will continue to update its load forecast as greater certainty emerges.

42. Please identify all issues and/or concerns, if any, the Utility expects to arise from the growth in data centers in the Utility's service territory and explain how the Utility anticipates responding to such issues or concerns.

RESPONSE:

DEF recognizes that substantial increases in load, if they were to materialize, would require new infrastructure in both generation and transmission. The specific scope of that infrastructure will depend on the timing, scale, and location of the load. As it does with any proposed load growth, DEF will evaluate the potential impacts and work with the customer to accommodate their requirements while maintaining service and protecting the interests of its existing customers.

43. **[FEECA Utilities Only]** Please identify and discuss the Utility's role in the research and development of utility power technologies, including, but not limited to, research programs that are funded through the Energy Conservation Cost Recovery Clause. As part of this response, please describe any plans to implement the results of research and development into the Utility's system portfolio, and the timing of such implementation. In addition, discuss how any anticipated benefits will affect the Utility's customers.

RESPONSE:

Through our research and development efforts, Duke Energy's Emerging Technology Office continuously reviews technology trends, works with Florida universities, and Florida renewable focused organizations to find benefits for our customers. We are active in industry groups such as AHRI, CEE, the Electric Power Research Institute (EPRI), national labs (NREL, ORNL, PNNL, etc.) and the U.S. Department of Energy (DOE), where we collaborate with government, other utility, and industry experts on emerging technologies, including renewables and emission-free resources. The goal of our work is to monitor and assess technology readiness to solve current and future power system issues whether they be behind the meter or universally grid tied. New technologies like microgrids, energy storage, battery energy storage coupled with solar PV, long-duration battery storage, green hydrogen, and grid-

connected/controlled devices are being tested to enable the Company to meet evolving customers' needs.

DEF is continuing new technology implementation through several projects begun under its Vision Florida program. Included in this are:

- The Suwannee Long Duration Energy Storage project which will evaluate the operation of an 8-hour, non-lithium battery storage technology on the DEF system. This project came into service in May 2028.

- The Debary Hydrogen project which will evaluate the costs, feasibility, and the safety and operational issues of using hydrogen to power a combustion turbine. This project includes hydrogen generation powered by solar generation, hydrogen storage, conversion of an existing turbine to hydrogen service, and operation of the unit. This project started generation in the third quarter of 2025.

- DEF has launched an energy-saving pilot program Hunter's Creek neighborhood in Orlando. Battery Energy Storage Systems have been installed in more than 75 participating single-family homes to help manage energy use and support the electric grid during high-demand periods. The installation of ~100 Generac PWRcell systems along Hunters Creek feeder was completed in August 2025. This project seeks proof of concept that residential battery storage is a suitable solution to defer distribution feeder upgrades through peak load shaving. It evaluates how home battery systems can be used for demand response by supplying stored energy during times of peak demand. When available, excess stored energy can also be returned to the power grid

DEF also has a wide variety of customer energy efficiency initiatives. These are detailed in Schedule CT-5 of DEF's most recent filing under the Energy Conservation Cost Recovery Clause. Projects under this umbrella include advanced communication and control of residential devices including thermostats, PV, batteries, and appliances; vehicle to grid technology, ultra efficient air conditioning units, and long duration batteries for customer micro-grids.

44. Please explain whether and how the Utility has employed, or considered using, any type of artificial intelligence or other new technologies and tools in its sales and demand forecasting, operation, customer service, and cybersecurity management.

RESPONSE:

DEF continues to evolve its short- and long-term forecasting approaches. DEF's current modeling practices utilize regression based neural networks to provide insight to its human based forecasting. As technology evolves, DEF will continue to monitor innovation opportunities.

Generation & Transmission

Utility-Owned Resources

45. Please refer to the **Excel Tables File** tabs listed below. Complete the tables by providing information on the utility-owned generation resources for the time period listed. When completing the tables, please consider the following factors: (i) for multiple small (<1 MW) distributed resources of the same type and fuel source, provide a single entry; (ii) for solar facilities, if available, provide the nameplate DC capacity as the gross capacity, the nameplate AC capacity as the net capacity, and the firm contribution during time of system peak as the firm capacity. If a solar facility is combined with an energy storage system, identify the capacity of the energy storage system in a separate line.

    a. **Excel Tables File (Existing Utility Generation)**, including each utility-owned generation resource in service as of December 31 of the year prior to the current planning period.

    b. **Excel Tables File (Planned Utility Generation)**, including each utility-owned generation resource that is planned to enter service during the current planning period.

    RESPONSE:

    a. Please see the table below and tab *Existing Utility Generation* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
							Gross		Net		Firm	
					Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Anclote	1	Pasco	ST	NG	October	1974	522	534	508	521	508	521
Anclote	2	Pasco	ST	NG	October	1978	512	517	497	504	497	504
Crystal River	4	Citrus	ST	BIT	December	1982	769	778	712	721	712	721
Crystal River	5	Citrus	ST	BIT	October	1984	767	778	710	721	710	721
P L Bartow	4	Pinellas	CC	NG	June	2009	1,186	1,279	1,166	1,200	1,166	1,200
Citrus County Combined Cycle	PB1	Citrus	CC	NG	October	2018	825	943	817	931	817	931
Citrus County Combined Cycle	PB2	Citrus	CC	NG	November	2018	828	947	824	931	824	931
Hines Energy Complex	1	Polk	CC	NG	April	1999	508	528	501	521	501	521
Hines Energy Complex	2	Polk	CC	NG	December	2003	584	557	576	594	576	594
Hines Energy Complex	3	Polk	CC	NG	November	2005	531	543	523	535	523	535
Hines Energy Complex	4	Polk	CC	NG	December	2007	552	571	544	563	544	563
Osprey Energy Center Power Plant	1	Polk	CC	NG	May	2004	628	650	616	638	616	638
Tiger Bay	1	Polk	CC	NG	August	1997	202	233	221	252	221	252
Bartow	P1	Pinellas	GT	DFO	May	1972	41	50	41	50	41	50
Bartow	P2	Pinellas	GT	NG	June	1972	41	53	41	53	41	53
Bartow	P3	Pinellas	GT	DFO	June	1972	41	51	41	51	41	51
Bartow	P4	Pinellas	GT	NG	June	1972	45	58	45	58	45	58
Bayboro	P1	Pinellas	GT	DFO	April	1973	37	55	37	55	37	55
Bayboro	P2	Pinellas	GT	DFO	April	1973	19	28	19	28	19	28
Bayboro	P4	Pinellas	GT	DFO	April	1973	41	56	41	56	41	56
DeBary	P2	Volusia	GT	DFO	December	1975	45	57	45	57	45	57
DeBary	P3	Volusia	GT	DFO	December	1975	45	59	45	59	45	59
DeBary	P4	Volusia	GT	DFO	December	1975	46	59	46	59	46	59
DeBary	P5	Volusia	GT	DFO	December	1975	45	58	45	58	45	58
DeBary	P6	Volusia	GT	DFO	December	1975	46	59	46	59	46	59
DeBary	P7	Volusia	GT	NG	October	1992	74	93	74	93	74	93
DeBary	P8	Volusia	GT	NG	October	1992	75	94	75	94	75	94
DeBary	P9	Volusia	GT	NG	October	1992	76	94	76	94	76	94
DeBary	P10	Volusia	GT	DFO	October	1992	72	88	72	88	72	88
Intercession City	P1	Osceola	GT	DFO	May	1974	45	60	45	60	45	60
Intercession City	P2	Osceola	GT	DFO	May	1974	46	58	46	58	46	58
Intercession City	P3	Osceola	GT	DFO	May	1974	46	60	46	60	46	60
Intercession City	P4	Osceola	GT	DFO	May	1974	46	60	46	60	46	60
Intercession City	P5	Osceola	GT	DFO	May	1974	45	59	45	59	45	59
Intercession City	P6	Osceola	GT	DFO	May	1974	47	60	47	60	47	60
Intercession City	P7	Osceola	GT	NG	October	1993	78	82	78	82	78	82
Intercession City	P8	Osceola	GT	NG	October	1993	77	88	77	88	77	88
Intercession City	P9	Osceola	GT	NG	October	1993	77	88	77	88	77	88
Intercession City	P10	Osceola	GT	NG	October	1993	74	86	74	86	74	86
Intercession City	P11	Osceola	GT	DFO	January	1997	142	155	140	155	140	155
Intercession City	P12	Osceola	GT	NG	December	2000	73	89	73	89	73	89
Intercession City	P13	Osceola	GT	NG	December	2000	73	91	73	91	73	91
Intercession City	P14	Osceola	GT	NG	December	2000	73	90	73	90	73	90
Suwannee River	P1	Suwannee	GT	NG	October	1980	48	65	48	65	48	65
Suwannee River	P2	Suwannee	GT	DFO	October	1980	48	64	48	64	48	64
Suwannee River	P3	Suwannee	GT	NG	November	1980	49	65	49	65	49	65
University of Florida	P1	Alachua	GT	NG	January	1994	45	51	44	50	44	50
Econolockhatchee Photovoltaic Array	PV1	Volusia	PV	SO	January	1989	0.006	0.006	0.0058	0.0059	0.003	0.000
Osceola Solar	PV1	Osceola	PV	SO	May	2016	4.7	4.7	3.6	3.6	2.0	0.2
Perry Solar	PV1	Taylor	PV	SO	July	2016	6.8	6.8	4.9	4.9	2.6	0.2
Suwannee Solar	PV1	Suwannee	PV	SO	December	2017	14.2	14.2	8.5	8.5	4.6	0.4
Hamilton Solar	PV1	Hamilton	PV	SO	December	2018	109.9	109.9	72.7	72.7	39.0	3.6
Lake Placid Solar	PV1	Highlands	PV	SO	December	2019	63.0	63.0	45.0	45.0	24.2	2.3
Trenton Solar	PV1	Gilchrist	PV	SO	December	2019	105.6	105.6	73.0	73.0	39.2	3.6
St. Petersburg Pier Solar	PV1	Pinellas	PV	SO	December	2019	0.4	0.4	0.3	0.3	0.2	0.0
Columbia Solar	PV1	Columbia	PV	SO	March	2020	105.6	105.6	73.0	73.0	39.2	3.7
DeBary Solar	PV1	Volusia	PV	SO	May	2020	102.3	102.3	72.7	72.7	39.0	3.6
Sante Fe Solar	PV1	Columbia	PV	SO	March	2021	100.4	100.4	73.4	73.4	39.4	3.7
Twin Rivers Solar	PV1	Hamilton	PV	SO	March	2021	98.3	98.3	73.4	73.4	39.4	3.7
Duette Solar	PV1	Manatee	PV	SO	October	2021	96.8	96.8	73.4	73.4	39.4	3.7
Sandy Creek Solar	PV1	Bay	PV	SO	May	2022	98.8	98.8	73.8	73.8	39.6	3.7
Ft Green Solar	PV1	Hardee	PV	SO	June	2022	126.7	126.7	73.8	73.8	39.6	3.7
Charlie Creek	PV1	Hardee	PV	SO	August	2022	99.7	99.7	73.8	73.8	39.6	3.7
Bay Trail	PV1	Citrus	PV	SO	September	2022	94.9	94.9	74.2	74.2	39.8	3.7
Dolphin Solar	PV1	Pinellas	PV	SO	August	2022	0.3	0.3	0.2	0.2	0.1	0.0
Hildreth Solar	PV1	Suwannee	PV	SO	April	2023	106.9	106.9	74.2	74.2	39.8	3.7
High Springs Solar	PV1	Alachua	PV	SO	April	2023	100.5	100.5	74.2	74.2	39.8	3.7
Hardeetown Solar	PV1	Levy	PV	SO	April	2023	106.1	106.1	74.2	74.2	39.8	3.7
Bay Ranch Solar	PV1	Bay	PV	SO	April	2023	106.0	106.0	74.2	74.2	39.8	3.7
John Hopkins Solar	PV1	Pinellas	PV	SO	November	2023	0.7	0.7	0.7	0.7	0.4	0.0
Hines Floating Solar	PV1	Polk	PV	SO	November	2023	0.7	0.7	0.7	0.7	0.4	0.0
Mule Creek Solar	PV1	Bay	PV	SO	March	2024	101.4	101.4	74.5	74.5	40.0	3.7
Winquepin Solar	PV1	Madison	PV	SO	March	2024	103.0	103.0	74.5	74.5	40.0	3.7
Falmouth Solar	PV1	Suwannee	PV	SO	June	2024	103.2	103.2	74.5	74.5	40.0	3.7
County Line Solar	PV1	Alachua	PV	SO	August	2024	98.4	98.4	74.9	74.9	40.2	3.7
Sundance Solar	PV1	Madison	PV	SO	July	2025	99.0	99.0	74.9	74.9	25.8	3.7
Half Moon Solar	PV1	Sumter	PV	SO	November	2025	97.7	97.7	74.9	74.9	25.8	3.7
Rattler Solar	PV1	Hernando	PV	SO	November	2025	101.2	101.2	74.9	74.9	25.8	3.7
Notes												
Solar Gross MWs are DC values. Solar Net MWs are AC values and include degradation.												
Distribution Connected Storage included in Existing Storage Table.												

b. Please see the table below and tab *Planned Utility Generation* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
							Gross		Net		Firm	
					Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Jumper Creek Solar	1	Sumter	PV	SO	May	2026	103.0	103.0	74.9	74.9	27.3	3.3
Bailey Mill Solar	1	Jefferson	PV	SO	August	2026	111.8	111.8	74.9	74.9	25.8	3.7
Turnpike Solar	1	Osceola	PV	SO	March	2027	100.8	100.8	74.9	74.9	27.3	3.3
Banner Solar	1	Columbia	PV	SO	April	2027	102.3	102.3	74.5	74.5	27.2	3.3
Lonesome Camp Solar	1	Osceola	PV	SO	May	2027	101.8	101.8	74.9	74.9	27.3	3.3
Powerline BESS	1	Citrus	BA	N/A	March	2027	100	100	100	100	96	85
Higdon Solar	1	Madison	PV	SO	December	2027	103.3	103.3	74.9	74.9	25.1	3.1
Nova Solar	1	Orange	PV	SO	December	2027	101.7	101.7	74.9	74.9	25.1	3.1
Bull Creek Solar	1	Orange	PV	SO	February	2028	101.7	101.7	74.9	74.9	25.1	3.1
Wewahootee	1	Orange	PV	SO	March	2028	103.2	103.2	74.9	74.9	25.1	3.1
Bartow BESS	1	Pinellas	BA	N/A	October	2028	225	225	225	225	216	191
Renewable Energy Center # 01	1	Unknown	PV	SO	June	2028	101.1	101.1	74.9	74.9	22.6	4.2
Renewable Energy Center # 02	1	Unknown	PV	SO	June	2028	101.1	101.1	74.9	74.9	22.6	4.2
Renewable Energy Center # 03	1	Unknown	PV	SO	June	2028	101.1	101.1	74.9	74.9	22.6	4.2
Renewable Energy Center # 04	1	Unknown	PV	SO	June	2028	101.1	101.1	74.9	74.9	22.6	4.2
Renewable Energy Center # 05	1	Unknown	PV	SO	June	2028	101.1	101.1	74.9	74.9	22.6	4.2
Co-located BESS # 01	1	Unknown	BA	N/A	June	2029	100	100	100	100	96	85
Renewable Energy Center # 06	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Renewable Energy Center # 07	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Renewable Energy Center # 08	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Renewable Energy Center # 09	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Renewable Energy Center # 10	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Renewable Energy Center # 11	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Co-located BESS # 02	1	Unknown	BA	N/A	June	2030	150	150	150	150	143	116
Renewable Energy Center # 12	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 13	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 14	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 15	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 16	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 17	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 18	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 19	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 20	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 21	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 22	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 23	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 24	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 25	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 26	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Undesignated CT	P1	Unknown	GT	NG	June	2031	218	234	218	234	218	234
Undesignated CT	P2	Unknown	GT	NG	June	2031	218	234	218	234	218	234
Renewable Energy Center # 27	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 28	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 29	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 30	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 31	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 32	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 33	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 34	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 35	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 36	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 37	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 38	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 39	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 40	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 41	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 42	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Co-located BESS # 03	1	Unknown	BA	N/A	June	2034	525	525	525	525	469	324
Standalone BESS # 04	1	Unknown	BA	N/A	June	2034	300	300	300	300	255	234
Renewable Energy Center # 43	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 44	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 45	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 46	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 47	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 48	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 49	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 50	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Undesignated CT	P3	Unknown	GT	NG	June	2034	399.7	435.3	399.7	435.3	399.7	435.3
Undesignated CT	P4	Unknown	GT	NG	June	2034	399.7	435.3	399.7	435.3	399.7	435.3
Renewable Energy Center # 51	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 52	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 53	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 54	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 55	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 56	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 57	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 58	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Notes												
Solar named units are in various development stages. Solar Gross MWs are DC values. Solar Net MWs are AC values and include degradation.												
Battery Energy Storage Systems are denoted as (BESS). BESS resources are energy storage devices and not generation resources, they are listed to provide a comprehensive planned utility view.												

46. Please refer to the **Excel Tables File (Unit Performance)**. Complete the table by providing information on each utility-owned generation resource in service during the current planning period. For historic performance, use the past three years for a historical average. For projected performance, use an average of the next 10-year period for projected factors.

RESPONSE:

Please see the table below and tab *Unit Performance* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Performance (%)						Average Net Operating Heat Rate (ANOHR)	
							Planned Outage Factor		Forced Outage Factor		Equivalent Availability			
					Mo	Yr	Historic	Projected	Historic	Projected	Historic	Projected	Historic	Projected
Anclote	1	Pasco	Steam	Gas	10	1974	7.99	7.99	0.49	0.49	79.96	79.96	11,697	11,697
	2				10	1978	1.36	1.36	2.10	2.10	70.10	70.10	12,537	12,537
Bartow	P1	Pinellas	Gas Turbine	Gas/Oil	5	1972	2.03	2.03	23.60	23.60	43.48	43.48	15,823	15,823
	P2				6	1972	1.94	1.94	3.67	3.67	66.34	66.34	15,563	15,563
	P3				6	1972	1.67	1.67	20.06	20.06	32.48	32.48	18,532	18,532
	P4				6	1972	1.84	1.84	0.81	0.81	52.60	52.60	14,926	14,926
Bartow CC	4A	Pinellas	Combined Cycle	Gas	6	2009	5.73	5.73	0.41	0.41	79.95	79.95	11,657	11,657
	4B						1.99	1.99	0.62	0.62	71.22	71.22	11,616	11,616
	4C						1.43	1.43	0.28	0.28	85.66	85.66	11,670	11,670
	4D						0.97	0.97	0.16	0.16	83.98	83.98	11,511	11,511
	4S						5.27	5.27	0.08	0.08	77.88	77.88	547	547
Bayboro	P1	Pinellas	Gas Turbine	Oil	4	1973	1.51	1.51	3.38	3.38	56.23	56.23	14,510	14,510
	P2				4	1973	3.41	3.41	12.59	12.59	50.89	50.89	14,556	14,556
	P3				4	1973	1.62	-	7.48	-	65.85	-	14,487	-
	P4				4	1973	0.03	0.03	9.56	9.56	55.88	55.88	14,765	14,765
Citrus CC	1A	Citrus	Combined Cycle	Gas	10	2018	1.88	1.88	1.21	1.21	78.36	78.36	10,520	10,520
	1B						1.77	1.77	0.19	0.19	78.85	78.85	10,539	10,539
	1S						1.77	1.77	0.21	0.21	80.77	80.77	799	799
	2A				11	2018	2.18	2.18	0.35	0.35	80.22	80.22	10,354	10,354
	2B						2.29	2.29	0.20	0.20	85.96	85.96	10,603	10,603
	2S						1.72	1.72	0.39	0.39	88.06	88.06	892	892
Crystal River	4	Citrus	Steam	Coal	12	1982	1.14	1.14	1.74	1.74	62.77	62.77	11,067	11,067
	5				10	1984	-	-	0.39	0.39	62.97	62.97	10,653	10,653
DeBary	P2	Volusia	Gas Turbine	Gas/Oil	3	1976	-	-	0.42	0.42	79.45	79.45	15,072	15,072
	P3				12	1975	-	-	3.86	3.86	68.25	68.25	15,274	15,274
	P4				4	1976	-	-	0.88	0.88	70.49	70.49	16,698	16,698
	P5				12	1975	-	-	3.63	3.63	72.77	72.77	15,214	15,214
	P6				4	1976	3.60	3.60	8.17	8.17	69.89	69.89	14,674	14,674
	P7				10	1992	-	-	0.03	0.03	72.36	72.36	13,068	13,068
	P8				10	1992	-	-	0.53	0.53	69.37	69.37	14,212	14,212
	P9				10	1992	0.08	0.08	0.53	0.53	61.77	61.77	13,490	13,490
	P10				10	1992	1.01	1.01	0.27	0.27	61.81	61.81	13,856	13,856
Hines	1A	Polk	Combined Cycle	Gas	4	1999	8.73	8.73	0.83	0.83	80.33	80.33	11,478	11,478
	1B						8.01	8.01	1.08	1.08	80.18	80.18	11,727	11,727
	1S						8.02	8.02	0.41	0.41	78.68	78.68	-	-
	2A				12	2003	8.88	8.88	0.85	0.85	76.81	76.81	11,816	11,816
	2B						10.21	10.21	0.72	0.72	79.21	79.21	11,816	11,816
	2S						9.36	9.36	0.68	0.68	81.19	81.19	-	-
	3A				11	2005	5.84	5.84	1.16	1.16	84.85	84.85	11,547	11,547
	3B						5.67	5.67	0.64	0.64	86.11	86.11	11,428	11,428
	3S						5.58	5.58	0.43	0.43	83.45	83.45	-	-
	4A				12	2007	-	-	0.14	0.14	75.70	75.70	11,044	11,044
	4B						-	-	2.35	2.35	81.30	81.30	11,365	11,365
	4S						-	-	0.16	0.16	85.41	85.41	-	-
Intercession City	P1	Osceola	Gas Turbine	Gas/Oil	5	1974	0.22	0.22	-	-	80.12	80.12	13,868	13,868
	P2				5	1974	-	-	0.22	0.22	80.63	80.63	13,826	13,826
	P3				5	1974	0.30	0.30	0.34	0.34	56.70	56.70	13,660	13,660
	P4				5	1974	-	-	0.93	0.93	65.47	65.47	13,646	13,646
	P5				5	1974	0.40	0.40	0.63	0.63	81.04	81.04	14,057	14,057
	P6				5	1974	-	-	2.45	2.45	71.60	71.60	13,940	13,940
	P7				10	1993	0.98	0.98	0.66	0.66	54.08	54.08	13,898	13,898
	P8				10	1993	8.71	8.71	0.01	0.01	56.74	56.74	14,404	14,404
	P9				10	1993	14.36	14.36	-	-	58.52	58.52	13,744	13,744
	P10				10	1993	2.86	2.86	0.15	0.15	60.77	60.77	14,260	14,260
	P11				1	1997	-	-	8.90	8.90	76.82	76.82	12,251	12,251
	P12				12	2000	-	-	0.06	0.06	75.08	75.08	13,766	13,766
	P13				12	2000	4.15	4.15	0.20	0.20	71.53	71.53	14,345	14,345
	P14				12	2000	5.23	5.23	-	-	80.50	80.50	13,896	13,896
Osprey	1A	Polk	Combined Cycle	Gas	5	2004	6.42	6.42	2.05	2.05	76.74	76.74	12,004	12,004
	1B						7.24	7.24	1.98	1.98	77.12	77.12	11,908	11,908
	1S						6.45	6.45	1.62	1.62	71.68	71.68	591	591
Suwannee	P1	Suwannee	Gas Turbine	Gas/Oil	10	1980	-	-	0.70	0.70	57.35	57.35	14,635	14,635
	P2				10	1980	-	-	-	-	50.58	50.58	14,228	14,228
	P3				11	1980	1.47	1.47	0.14	0.14	65.46	65.46	14,094	14,094
Tiger Bay	1A	Polk	Combined Cycle	Gas	8	1997	-	-	0.45	0.45	67.35	67.35	12,142	12,142
	1S						-	-	0.45	0.45	68.93	68.93	-	-
University of Florida	P1	Alachua	Gas Turbine	Gas	1	1994	3.02	3.02	0.23	0.23	84.82	84.82	8,335	8,335
Solar Bay Ranch	1.0	Bay	PV		5	2023	-	-	-	-	96.42	96.42	-	-
Solar Bay Trail	1.0	Citrus	PV		11	2022	-	-	-	-	96.27	96.27	-	-
Solar Charlie Creek	1.0	Hardee	PV		8	2022	-	-	-	-	98.07	98.07	-	-
Solar Columbia	1.0	Columbia	PV		4	2020	-	-	-	-	96.54	96.54	-	-
Solar County Line	1.0	Gilchrist	PV		10	2024	-	-	-	-	99.42	99.42	-	-
Solar Debary	1.0	Volusia	PV		5	2020	-	-	-	-	94.65	94.65	-	-
Solar Duette	1.0	Manatee	PV		11	2021	-	-	-	-	97.80	97.80	-	-
Solar Falmouth	1.0	Suwannee	PV		8	2024	-	-	-	-	99.19	99.19	-	-
Solar Fort Green	1.0	Hardee	PV		6	2022	-	-	-	-	97.71	97.71	-	-
Solar Hamilton	1.0	Hamilton	PV		1	2019	-	-	-	-	96.87	96.87	-	-
Solar Hardeetown	1.0	Levy	PV		5	2023	-	-	-	-	97.00	97.00	-	-
Solar High Spring	1.0	Alachua	PV		5	2023	-	-	-	-	96.95	96.95	-	-
Solar Hildreth	1.0	Suwannee	PV		5	2023	-	-	-	-	98.29	98.29	-	-
Solar Lake Placid	1.0	Highlands	PV		12	2019	-	-	-	-	96.12	96.12	-	-
Solar Mule Creek	1.0	Bay	PV		3	2024	-	-	-	-	97.62	97.62	-	-
Solar Osc Perry Suw	1.0	Osceola Taylor Suwannee	PV		11	2017	-	-	-	-	92.32	92.32	-	-
Solar Sandy Creek	1.0	Bay	PV		6	2022	-	-	-	-	95.64	95.64	-	-
Solar Santa Fe	1.0	Columbia	PV		3	2021	-	-	-	-	94.75	94.75	-	-
Solar Trenton	1.0	Gilchrist	PV		1	2020	-	-	-	-	94.50	94.50	-	-
Solar Twin Rivers	1.0	Hamilton	PV		4	2021	-	-	-	-	97.28	97.28	-	-
Solar Winquepin	1.0	Madison	PV		3	2024	-	-	-	-	98.27	98.27	-	-
Notes														
Bayboro Unit P3 retired May 2025, and therefore does not have projected unit performance.														

47. Please refer to the **Excel Tables File (Unit Dispatch).** Complete the table by providing the actual and projected capacity factors for each utility-owned generation resource in service during the current planning period for the 11-year period beginning one year prior to the current planning period.

RESPONSE:

Please see the table below and tab *Unit Dispatch* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Capacity Factor (%)										
							Actual	Projected									
					Mo	Yr	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Anclote	1~2	Pasco	Steam	Gas	10	1974	22.4	10.8	12.1	14.8	14.6	11.7	9.9	8.3	5.3	4.4	4.5
Crystal River	4~5	Citrus	Steam	Coal	12	1982	30.4	16.0	14.8	14.9	11.0	8.4	8.5	9.5	14.0	21.4	0.0
Bartow CC	4.0	Pinellas	Combined Cycle	Gas	5	1972	54.0	66.0	64.7	60.7	61.3	64.2	58.8	57.3	56.1	56.6	58.3
Citrus CC	1~2	Citrus	Combined Cycle	Gas	10	2018	70.6	69.5	68.8	67.3	71.5	73.4	71.6	71.2	70.8	71.1	70.6
Hines Energy Complex	1~4	Polk	Combined Cycle	Gas	4	1999	62.2	62.9	65.2	62.2	59.7	56.8	55.3	52.3	49.9	49.4	49.4
Osprey CC	1.0	Polk	Combined Cycle	Gas	5	2004	67.4	81.2	75.6	67.6	67.4	69.6	65.0	62.8	59.9	58.7	57.3
Tiger Bay	1.0	Polk	Combined Cycle	Gas	8	1997	37.8	51.1	49.3	52.8	43.7	35.9	37.9	30.8	30.3	26.5	28.8
Bartow Peaker	1~4	Pinellas	Gas Turbine	Gas/Oil	5	1972	1.2	0.2	0.5	0.5	0.3	0.3	0.3	0.4	0.4	0.3	0.0
Bayboro	1~4	Pinellas	Gas Turbine	Oil	4	1973	0.1	0.0									
DeBary	2~10	Volusia	Gas Turbine	Gas/Oil	3	1976	1.8	0.5	0.9	1.0	0.7	0.6	0.6	0.5	0.6	0.8	0.4
Intercession City	1~14	Osceola	Gas Turbine	Gas/Oil	5	1974	1.9	0.6	1.2	1.5	0.8	0.9	0.8	0.6	0.5	0.6	0.3
New CT	1~2	N/A	Gas Turbine	Gas	6	2031							3.2	0.0	0.0	0.5	0.3
New CT - HA	1~2	N/A	Gas Turbine	Gas	6	2034										3.5	5.6
Suwannee Peaker	1~3	Suwannee	Gas Turbine	Gas/Oil	10	1980	3.4	1.7	1.9	1.9	1.4	1.0	1.4	1.7	1.6	1.5	1.4
University of Florida	1.0	Alachua	Gas Turbine	Gas	1	1994	88.6	79.4	84.4	85.6	85.4	83.4	84.1	84.4	84.1	84.3	84.5
Solar Bailey Mill	1.0	Jefferson	PV		8	2026		23.6	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Solar Banner	1.0	Columbia	PV		4	2027		0.0	22.6	24.3	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Solar Bay Ranch	1.0	Bay	PV		5	2023	27.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.9	25.4	25.7
Solar Bay Trail	1.0	Citrus	PV		11	2022	25.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	25.6	25.8
Solar Bull Creek	1.0	Orange	PV		2	2028				23.8	26.1	26.1	26.1	26.1	26.1	26.1	26.1
Solar Charlie Creek	1.0	Hardee	PV		8	2022	27.3	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.5	22.9	23.7
Solar Columbia	1.0	Columbia	PV		4	2020	24.6	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.5	22.9	23.7
Solar County Line	1.0	Gilchrist	PV		10	2024	28.4	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.8
Solar Debary	1.0	Volusia	PV		5	2020	33.5	21.5	21.5	21.5	21.5	21.5	21.5	21.4	21.0	20.4	21.2
Solar Duette	1.0	Manatee	PV		11	2021	44.8	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.5	23.1	23.7
Solar Falmouth	1.0	Suwannee	PV		8	2024	27.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7
Solar Fort Green	1.0	Hardee	PV		6	2022	25.4	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	25.5	25.8
Solar Half Moon	1.0	Sumter	PV		1	2026		25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
Solar Hamilton	1.0	Hamilton	PV		1	2019	27.8	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.4	22.8	23.7
Solar Hardeetown	1.0	Levy	PV		5	2023	25.2	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.8	25.6	25.7
Solar Higdon	2.0	Madison	PV		12	2027		0.0	16.7	22.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Solar High Spring	1.0	Alachua	PV		5	2023	25.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	25.6	25.8
Solar Hildreth	1.0	Suwannee	PV		5	2023	28.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.8	25.5	25.8
Solar Jumper Creek	1.0	Sumter	PV		5	2026		22.7	24.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
Solar Lake Placid	1.0	Highlands	PV		12	2019	18.5	24.3	24.3	24.3	24.2	24.3	24.3	24.1	23.6	23.0	23.8
Solar Lonesome Camp	1.0	Osceola	PV		1	2027		0.0	22.6	24.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
Solar Mule Creek	1.0	Bay	PV		3	2024	28.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	25.8
Solar Nova	1.0	Orange	PV		12	2027		0.0	15.9	23.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9
Solar Osc Perry Suw	1.0	Osceola / Taylor / Suwannee	PV		11	2017	17.8	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.2	20.9	21.3
Solar Rattler	1.0	Hernando	PV		1	2026		26.3	26.3	26.2	26.3	26.3	26.3	26.2	26.3	26.3	26.3
Solar Sandy Creek	1.0	Bay	PV		6	2022	25.5	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.5	22.9	23.7
Solar Santa Fe	1.0	Columbia	PV		3	2021	23.8	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.4	22.9	23.6
Solar St Pete Pier	1.0	Pinellas	PV		12	2019		21.5	21.5	21.5	21.5	21.5	21.5	21.4	21.1	20.6	21.2
Solar Sundance	1.0	Madison	PV		9	2025		26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
Solar Trenton	1.0	Gilchrist	PV		1	2020	26.5	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.3	22.7	23.5
Solar Turnpike	1.0	Osceola	PV		3	2027			23.0	24.8	25.2	25.2	25.2	25.2	25.2	25.2	25.2
Solar Twin Rivers	1.0	Hamilton	PV		4	2021	25.3	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.4	22.7	23.6
Solar Wewahootee	1.0	Orange	PV		3	2028				24.1	25.8	25.9	25.9	25.9	25.9	25.9	25.9
Solar Winquepin	1.0	Madison	PV		3	2024	26.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.8	25.8
Solar Generic	1~61	NA	PV		6	2028				25.2	25.7	25.8	25.8	25.9	25.8	25.8	25.9
Battery Bartow	1.0	Pinellas	Storage		10	2028				9.9	12.5	13.1	14.4	14.6	15.2	15.1	15.2
Battery Powerline	1.0	Citrus	Storage		3	2027			7.5	6.0	6.8	7.1	7.9	7.9	8.1	8.1	7.8
Battery 4 Hours - 50MW	1~2	N/A	Storage		6	2029					13.4	13.1	14.3	14.7	15.2	15.1	14.9
Battery 4 Hours - 75MW	1~9	N/A	Storage		6	2030						13.8	14.4	14.7	15.3	15.0	15.3
Battery 8 Hours - 100MW	1~3	N/A	Storage		6	2034										21.2	23.1
Notes																	
(Include Notes Here)																	

48. **[Investor-Owned Utilities Only]** Please refer to the **Excel Tables File (Solar and Storage Sites).** Complete the table by providing information on each of the Company's existing and planned solar and/or energy storage facilities, including the Order and date of Commission approval (or Pending if not yet approved). Identify the associated cost recovery mechanism (such as in a base rate case, the environmental cost recovery clause, solar base rate adjustment, or special tariffs such as SolarTogether, SolarTogether Extension, and Clean Energy Connection) for each facility as well.

RESPONSE:

Please see the table below and tab *Solar and Storage Sites* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Facility Name	Unit No.	County Location	Solar Type	Energy Storage Type	Facility In-		Unit Capacity (MW)				Land Use	Commission Approval		Cost Recovery Mechanism
							Net		Firm					
			(Fixed/Tracking)		Mo	Yr	Sum	Win	Sum	Win	(Acres)	Order No.	Approval Date	
Econolockhatchee PV Array	1	Volusia	Fixed	-	1	1989	0.0	0.0	0.0	0.0	<1	N/A	N/A	ECCR-Technology Development
Osceola	1	Osceola	Fixed	-	5	2016	3.6	3.6	2.0	0.2	~20	N/A	N/A	In IRP under Rate Settlement
Perry	1	Taylor	Fixed	-	8	2016	4.9	4.9	2.6	0.2	~25	N/A	N/A	In IRP under Rate Settlement
Suwannee	1	Suwannee	Fixed	-	11	2017	8.5	8.5	4.6	0.4	~45	N/A	N/A	In IRP under Rate Settlement
Hamilton	1	Hamilton	Tracking	-	12	2018	72.7	72.7	39.0	3.6	~565	PSC-2019-0159-FOF-EI	4/30/2019	2017 Second RRSSA -SoBRA 1
Lake Placid	1	Highlands	Tracking	see below	12	2019	25.2	25.2	13.5	1.3	~380	PSC-2019-0292-FOF-EI	7/22/2019	2017 Second RRSSA -SoBRA 2
Trenton	1	Gilchrist	Tracking	-	12	2019	73.0	73.0	39.2	3.7	~735	PSC-2019-0292-FOF-EI	7/22/2019	2017 Second RRSSA -SoBRA 2
St. Petersburg Pier	1	Pinellas	Fixed	-	12	2019	0.3	0.3	0.2	0.0	N/A	N/A	N/A	In IRP under Rate Settlement
Columbia	1	Columbia	Tracking	-	3	2020	73.0	73.0	39.2	3.7	~580	PSC-2019-0159-FOF-EI	4/30/2019	2017 Second RRSSA -SoBRA 1
DeBary	1	Volusia	Fixed	-	5	2020	72.7	72.7	39.0	3.6	~445	PSC-2019-0292-FOF-EI	7/22/2019	2017 Second RRSSA -SoBRA 2
Sante Fe	1	Columbia	Tracking	-	3	2021	73.4	73.4	39.4	3.7	~607	PSC-2021-0088-TRF-EI	2/22/2021	2017 Second RRSSA -SoBRA 3
Twin Rivers	1	Hamilton	Tracking	-	3	2021	73.4	73.4	39.4	3.7	~515	PSC-2021-0088-TRF-EI	2/22/2021	2017 Second RRSSA -SoBRA 3
Duette	1	Manatee	Tracking	-	10	2021	73.4	73.4	39.4	3.7	~520	PSC-2021-0088-TRF-EI	2/22/2021	2017 Second RRSSA -SoBRA 3
Jennings BESS	1	Hamilton	N/A	Lithium Ion	10	2021	5.5	5.5	5.5	5.5	<1	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Co-located Lake Placid BESS	1	Highlands	N/A	Lithium Ion	12	2021	17.3	17.3	17.3	17.3	~2	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Trenton BESS	1	Gilchrist	N/A	Lithium Ion	12	2021	11.0	11.0	11.0	11.0	~1	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Cape San Blas BESS	1	Gulf	N/A	Lithium Ion	2	2022	5.5	5.5	5.5	5.5	<1	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Micanopy BESS	1	Alachua	N/A	Lithium Ion	4	2022	8.3	8.3	8.3	8.3	<1	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Sandy Creek	1	Bay	Tracking	-	5	2022	73.8	74.2	39.6	3.7	~625	PSC-2021-0088-TRF-EI	2/22/2021	2017 RRSSA-SoBRA 3+2021 RS**
Ft Green	1	Hardee	Fixed	-	6	2022	73.8	74.2	39.6	3.7	~790	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Charlie Creek	1	Hardee	Tracking	-	8	2022	73.8	74.2	39.6	3.7	~605	PSC-2021-0088-TRF-EI	2/22/2021	2017 Second RRSSA -SoBRA 3
Dolphin Solar	1	Pinellas	Fixed	-	8	2022	0.2	0.2	0.1	0.0	0	N/A	N/A	In IRP under Rate Settlement
Bay Trail	1	Citrus	Tracking	-	9	2022	74.2	74.2	39.8	3.7	0	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Hildreth	1	Suwannee	Tracking	-	4	2023	74.2	74.5	39.8	3.7	~710	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
High Springs	1	Alachua	Tracking	-	4	2023	74.2	74.5	39.8	3.7	~655	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Hardeetown	1	Levy	Tracking	-	4	2023	74.2	74.5	39.8	3.7	~550	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Bay Ranch	1	Bay	Tracking	-	4	2023	74.2	74.5	39.8	3.7	~720	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
John Hopkins BESS Microgrid	1	Pinellas	N/A	Lithium Ion	11	2023	2.5	2.5	2.2	2.2	<1	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
John Hopkins MS	1	Pinellas	Fixed	see below	11	2023	0.7	0.7	0.4	0.0	0	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Hines Floating Solar	1	Polk	Floating	-	11	2023	0.7	0.7	0.4	0.0	N/A	PSC-2021-0202A-AS-EI	6/28/2021	2021 Rate Settlement -Vision FL
Mule Creek	1	Bay	Tracking	-	3	2024	74.5	74.9	40.0	3.7	~710	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Winquepin	1	Madison	Tracking	-	3	2024	74.5	74.9	40.0	3.7	~530	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Falmouth	1	Suwannee	Tracking	-	6	2024	74.5	74.9	40.0	3.7	~775	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
County Line	1	Gilchrist	Tracking	-	8	2024	74.9	74.9	40.2	3.7	~615	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Suwannee BESS	1	Suwannee	N/A	Non-Li	5	2025	5.0	5.0	4.5	4.5	~1	PSC-2021-0202A-AS-EI	6/28/2021	2021 Rate Settlement -Vision FL
Sundance	1	Madison	Tracking	-	7	2025	74.9	74.9	25.8	3.7	~500-600	PSC-2025-0212-PAA-EI	6/18/2025	2024 Rate Settlement -SoBRA 1
Half Moon	1	Sumter	Tracking	-	11	2025	74.9	74.9	25.8	3.7	~500-600	PSC-2025-0212-PAA-EI	6/18/2025	2024 Rate Settlement -SoBRA 1
Rattler	1	Hernando	Tracking	-	11	2025	74.9	74.9	25.8	3.7	~500-600	PSC-2025-0212-PAA-EI	6/18/2025	2024 Rate Settlement -SoBRA 1
Jumper Creek	1	Sumter	Tracking	-	5	2026	74.9	74.9	27.3	3.3	~500-600	PSC-2026-0064 PAA-EI	3/18/2026	2024 Rate Settlement-SoBRA 2
Bailey Mill	1	Jefferson	Fixed	-	8	2026	74.9	74.9	25.8	3.7	~500-600	PSC-2025-0212-PAA-EI	6/18/2025	2024 Rate Settlement -SoBRA 1
Turnpike	1	Osceola	Tracking	-	3	2027	74.9	74.9	27.3	3.3	~500-600	PSC-2026-0064 PAA-EI	3/18/2026	2024 Rate Settlement-SoBRA 2
Powerline BESS	1	Citrus	N/A	Lithium Ion	3	2027	100.0	100.0	96.0	85.0	~10	PSC-2024-0472-AS-EI	11/12/2024	2024 Rate Settlement
Banner	1	Columbia	Tracking	-	4	2027	74.5	74.5	27.2	3.3	~500-600	PSC-2026-0064 PAA-EI	3/18/2026	2024 Rate Settlement-SoBRA 2
Lonesome Camp	1	Osceola	Tracking	-	5	2027	74.9	74.9	27.3	3.3	~500-600	PSC-2026-0064 PAA-EI	3/18/2026	2024 Rate Settlement-SoBRA 2
Higdon Solar	1	Madison	Tracking	-	12	2027	74.9	74.9	25.1	3.1	~500-600	Pending	Pending	2024 Rate Settlement-SoBRA
Nova Solar	1	Orange	Tracking	-	12	2027	74.9	74.9	25.1	3.1	~500-600	Pending	Pending	2024 Rate Settlement-SoBRA
Bull Creek Solar	1	Orange	Tracking	-	2	2028	74.9	74.9	25.1	3.1	~500-600	Pending	Pending	2024 Rate Settlement-SoBRA
Wewahootee	1	Orange	Tracking	-	3	2028	74.9	74.9	25.1	3.1	~500-600	Pending	Pending	2024 Rate Settlement-SoBRA
Renewable Energy Center # 01	1	Unknown	Tracking	-	6	2028	74.9	74.9	22.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 02	1	Unknown	Tracking	-	6	2028	74.9	74.9	22.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 03	1	Unknown	Tracking	-	6	2028	74.9	74.9	22.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 04	1	Unknown	Tracking	-	6	2028	74.9	74.9	22.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 05	1	Unknown	Tracking	-	6	2028	74.9	74.9	22.6	4.2	~500-600	Pending	Pending	Pending
Bartow BESS	1	Pinellas	N/A	Lithium Ion	10	2028	225.0	225.0	216.0	191.3	~20	Pending	Pending	Pending
Co-located BESS # 01	1	Unknown		Lithium Ion	6	2029	100.0	100.0	96.0	85.0	~10	Pending	Pending	Pending
Renewable Energy Center # 06	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 07	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 08	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 09	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 10	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 11	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Co-located BESS # 02	1	Unknown	N/A	Lithium Ion	6	2030	150.0	150.0	143.3	115.5	~10	Pending	Pending	Pending
Renewable Energy Center # 12	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 13	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 14	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 15	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 16	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 17	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 18	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 19	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 20	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 21	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 22	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 23	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 24	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 25	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 26	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 27	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 28	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 29	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 30	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 31	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 32	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 33	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 34	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 35	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 36	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 37	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 38	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 39	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 40	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 41	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 42	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Co-located BESS # 03	1	Unknown	N/A	Lithium Ion	6	2034	525.0	525.0	468.8	324.3	~10	Pending	Pending	Pending
Standalone BESS # 04	1	Unknown	N/A	Lithium Ion	6	2034	300.0	300.0	255.0	234.0	~30	Pending	Pending	Pending
Renewable Energy Center # 43	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 44	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 45	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 46	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 47	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 48	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 49	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 50	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 51	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 52	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 53	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 54	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 55	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 56	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 57	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 58	1	Unknown	Tracking		6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending

Notes

Battery Energy Storage Systems are denoted as (BESS). **Only 56.6 MW of Sandy Creek was approved under 2017 RRSSA -SoBRA 3, the remaining 18.3 MW approved under 2021 Rate Settlement.

49. Please refer to the **Excel Tables File (Planned Construction).** Complete the table by providing information on all planned generating units with an in-service date within the current planning period. For each planned unit, provide the final decision ("drop dead") date for a decision on whether or not to construct each unit, and the estimated dates for site selection, engineering, permitting, procurement, and construction.

    a. For each planned utility-owned generation resource or group of resources, provide a narrative response discussing the current status of the project.

RESPONSE:

Please see the table below and tab *Planned Construction* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Final Decision ('Drop Dead') Date	Site Selection		Engineering / Permitting / Procurement		Constuction		Commercial In-Service Date
						Begins	Ends	Begins	Ends	Begins	Ends	
Undesignated CT	P1	Unknown	Gas Turbine	Natural Gas	1/1/2029	Q2/2024	Q4/2025	Q1/2026	Q2/2030	Q2 2029	Q2 2031	6/1/2031
Undesignated CT	P2	Unknown	Gas Turbine	Natural Gas	1/1/2029	Q2/2024	Q4/2025	Q1/2026	Q2/2030	Q2 2029	Q2 2031	6/1/2031
Undesignated CT	P3	Unknown	Gas Turbine	Natural Gas	1/1/2032	Q2/2027	Q4/2028	Q1/2029	Q2/2033	Q2/2032	Q2/2034	6/1/2034
Undesignated CT	P4	Unknown	Gas Turbine	Natural Gas	1/1/2032	Q2/2027	Q4/2028	Q1/2029	Q2/2033	Q2/2032	Q2/2034	6/1/2034
Notes												
"Drop Dead Date" interpreted to mean the last date for project cancellation.												

This table includes only fossil units. Solar and Batteries are included in response to question 45 b.

50. Please list and discuss any planned utility-owned resources that have, within the past year, been cancelled, delayed, or reduced in scope. What was the primary reason for the changes? What, if any, were the secondary reasons?

RESPONSE:

Solar Resources:

- Jumper Creek: Unit has been placed in service on 4/15/2026.
- Bailey Mill: Completing Development, Environmental Resource Permit Received, construction started 3Q 2025 and 3Q 2026 in Service Date.
- Turnpike: Completing Development, Environmental Resource Permit Received, construction started 1Q2026 and 1Q 2027 in Service Date
- Banner: Continuing Development, Environmental Resource Permit Received, Planning 2Q2026 construction start Date and 1Q 2027 in Service Date
- Lonesome Camp: Continuing Development, Planning 1Q2026 construction start Date and 2Q 2027 in Service Date.

All the other resources are on schedule.

No solar projects have been cancelled or reduced in scope in the past year. Projects were slightly delayed due to local permitting and minor construction issues.

Storage Resources:

The planned storage resource Powerline project is on schedule.

51. Please refer to the **Excel Tables File (Unit Modifications)**. Complete the table by providing information on all of the Company's units that are either will or are potential candidates to change fuel types or be repower, such as conversion to a Combined Cycle unit component.

RESPONSE:

Please see the table below and tab *Unit Modifications* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Planned Modification (if any)	Eligible Modifications			Potential Issues
					Mo	Yr		Fuel Switching	Combined Cycle Conversion	Other (Explain)	
Hines	3	Polk	CC	Natural Gas	5	2026					N/A
Hines	4	Polk	CC	Natural Gas	12	2026					N/A
Notes											
(Include Notes Here)											

52. Please identify and discuss emerging power generation and transmission technologies your Company is considering. As part of this response, please describe any formal steps the Company has or will take for possible implementation of the technology.

RESPONSE:

DEF continues to evaluate the potential benefits of emerging technologies to provide affordable generation and to enhance the reliability and resilience of the DEF system.

Over the course of the last several years, DEF has widely deployed Solar PV generation at a utility scale. This generation has moved from evolving to a fully commercial part of DEF's portfolio. DEF continues to develop the integration of solar generation into its operations through improved solar forecasting and the implementation of more flexibility in its conventional generating fleet to better complement the variable nature of the solar development.

DEF has completed the construction and deployment of seven battery energy storage systems (BESS) totaling 50 MW. These BESS installations provide DEF with at scale experience in operation of BESS in a variety of services. DEF proposes in the current TYSP to deploy over 1300 MW of BESS over the next 10 years including over 500 MW in the next 5 years. These

batteries will provide capacity support during peak load periods and will be operated in concert with the solar generation to efficiently capture and supply energy to smooth solar variability and improve fleet efficiency by capturing energy during low-cost periods and supplying that energy during higher cost periods.

DEF has constructed a long duration battery. Located at DEF's Suwannee Power Plant, the Suwannee Long Duration BESS will be a 5MW, 40 MWhr (8-hr duration) battery that will enable DEF to evaluate the operation of non-lithium battery technology and to better understand the use cases for longer duration storage.

DEF has constructed a hydrogen generation facility at its Debary Power Station. Electricity from the DeBary Solar Energy Plant is utilized to separate hydrogen from water. Hydrogen from this system will be used to fuel one of the existing DeBary peakers utilizing hydrogen generated with electricity generated primarily from solar generation. DEF will evaluate the operational impacts of various hydrogen blends (25-100%), operational reliability, ongoing costs, hydrogen storage operation, and safety. These learnings will inform DEFs future hydrogen deployment strategies.

Energy Storage

53. Please refer to the **Excel Tables File** tabs listed below. Complete the table by providing information on all energy storage technologies that are currently either part of the Company's system portfolio or are part of a pilot program sponsored by the Company during the current planning period.

    a. **Excel Tables File (Existing Storage).**

    b. **Excel Tables File (Planned Storage)**.

    RESPONSE:

    a. Please see the table below and tab *Existing Storage* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Facility or Project Name	Unit No.	County Location	Energy Storage Type	Battery Chemistry (if applicable)	Land Use	Facility In-Service or Project Start Date		Unit Capacity (MW)						Storage Capacity	Conversion Efficency
								Gross		Net		Firm			
					(Acres)	Mo	Yr	Sum	Win	Sum	Win	Sum	Win	(MWh)	(%)
USF Microgrid Energy Storage Pilot		Pinellas	Battery Energy Storage System	Lithium Ion	0.1	7	2018	0.25	0.25	0.25	0.25	0.23	0.225	0.48	88.0%
Trenton		Gilchrist	Battery Energy Storage System	Lithium Ion	0.5	12	2021	11	11	11	11	9.9	9.9	15.6	83.2%
Lake Placid Bess		Highlands	Battery Energy Storage System	Lithium Ion	3	12	2021	17.3	17.3	17.3	17.3	15.57	15.57	50.3	83.5%
Cape San Blas		Gulf	Battery Energy Storage System	Lithium Ion	0.5	2	2022	5.5	5.5	5.5	5.5	4.95	4.95	20.5	83.5%
Jennings		Hamilton	Battery Energy Storage System	Lithium Ion	0.5	4	2022	5.5	5.5	5.5	5.5	4.95	4.95	8.5	84.0%
Duke/UCF Long-Duration Energy Storage Project		Orange	Battery Energy Storage System	Vanadium Flow	0.1	7	2022	0.01	0.01	0.01	0.01	0.009	0.009	0.04	75.0%
Micanopy		Alachua	Battery Energy Storage System	Lithium Ion	0.5	8	2022	8.25	8.25	8.25	8.25	7.425	7.425	18.2	83.5%
John Hopkins Microgrid		Pinellas	Battery Energy Storage System	Lithium Ion	1	11	2023	2.48	2.48	2.48	2.48	2.232	2.232	23.5	83.5%
Suwannee Long Duration Energy Storage		Suwannee	Battery Energy Storage System	Sodium Sulfur	2	5	2025	5	5	5	5	4.5	4.5	40	80.0%
Notes															
(Include Notes Here)															

b. Please see the table below and tab *Planned Storage* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Facility or Project Name	Unit No.	County Location	Energy Storage Type	Battery Chemistry (if applicable)	Land Use	Facility In-Service or Project Start Date		Unit Capacity (MW)						Storage Capacity	Conversion Efficency
								Gross		Net		Firm			
					(Acres)	Mo	Yr	Sum	Win	Sum	Win	Sum	Win	(MWh)	(MWh)
Powerline BESS	1	Citrus	Battery Energy Storage System	Lithium Ion	10	3	2027	100	100	100	100	96	85	200	85%
Bartow BESS	1	Pinellas	Battery Energy Storage System	Lithium Ion	20	10	2028	225	225	225	225	216	191	900	85%
Co-located BESS # 01	1	Undetermined	Battery Energy Storage System	Lithium Ion	~10	6	2029	100	100	100	100	96	85	400	85%
Co-located BESS # 02	1	Undetermined	Battery Energy Storage System	Lithium Ion	~10	6	2030	150	150	150	150	143	116	600	85%
Co-located BESS # 03	1	Undetermined	Battery Energy Storage System	Lithium Ion	~10	6	2034	525	525	525	525	469	324	2100	85%
Standalone BESS # 04	1	Undetermined	Battery Energy Storage System	Lithium Ion	~30	6	2034	300	300	300	300	255	234	2400	85%
Notes															
(Include Notes Here)															

54. If applicable, please describe the strategy of how the Company charges and discharges its energy storage facilities. As part of the response discuss if any recent local, state, or federal legislation or regulation has changed how the Company plans to dispatch its energy storage facilities.

RESPONSE:

Energy storage assets connected to the Transmission and Distribution system are dispatched through a combination of manual charge / discharge operations and schedules that automate their operation. Those manual charge/discharge operations are determined by the Duke Energy Unit Commitment groups economic model in conjunction with the entire generation fleet to ensure effective operations to ensure reliability as well economic dispatch. The company engages in evaluation and adjustment of strategies as needed.

Battery assets installed at solar sites, either new build or retrofit will be dispatched similarly to standalone assets regarding charge/discharge, but will be ensured to meet the existing solar interconnect limitations. These assets charge cycles may differ from standalone assets due to availability of excess solar generation on site.

55. Briefly discuss any progress in the development and commercialization of non-lithium-ion based battery storage technology the Company has observed in recent years.

RESPONSE:

Duke Energy continues to monitor and evaluate the market for non-lithium battery solutions. Duke Energy Emerging Technology Office is dedicated to investigating technologies, including non-lithium-ion battery storage. These technologies include sodium sulfur, nickel hydrogen, iron air, flow storage, zinc hybrid, gravity storage, adiabatic compressed air energy storage, and electro-thermal energy storage. Duke Energy participates in development and testing of battery technologies through its partnerships with entities such as EPRI as well as research and pilot projects across the Duke Energy regulated and non-regulated companies.

Duke Energy has constructed a non-lithium long-duration storage pilot project in Suwannee County, FL that entered service in 2025. This asset is currently being dispatched and studied in collaboration with partner entities to provide appropriate benchmarking to other storage technologies.

56. Briefly discuss any considerations reviewed in determining the optimal positioning of energy storage technology in the Company's system (e.g., Closer to/further from sources of load, generation, or transmission/distribution capabilities).

RESPONSE:

Duke Energy considers energy storage to be another power grid operator tool or resource for distribution, transmission, and generation solutions. The optimal positioning is very project specific and is dependent upon the problem being solved and involves requesting feedback from experts within the company to provide guidance using appropriate data and tools. Ultimately, energy storage projects are compared to traditional tools or methods to determine if energy storage is in fact a low cost and optimal solution. For example, Duke Energy is developing projects to retrofit solar power plants with adjacent battery storage. Duke Energy has also been focusing on opportunities to maximize the Inflation Reduction Act ITC for energy storage by locating future facilities in Energy Communities. Where feasible this will increase the ITC 10% thus improving project economics. The Powerline BESS is an example of a unit being deployed in an Energy Community.

57. Please explain whether customers have expressed interest in energy storage technologies. If so, describe the type of customer (residential, commercial industrial) and how their interests have been addressed.

RESPONSE:

DEF's retail customers are showing an interest in energy storage by installing battery storage at their premise along with their customer-owned renewable generators. DEF continues to see a modest percentage of customers installing energy storage equipment in concert with participation in the state's net metering policy. DEF continues to carefully monitor this activity and the customer's battery project configuration. DEF's commercial and industrial customers have inquired about using energy storage in various forms, usually for business continuity whether post-hurricane or for temporary interruptions. Some customers have developed their own backup power strategy. However, few have found battery storage external to their business as the best, economical solution to date. The customer is often looking for days of backup power which presently prices Li-ion technology out of consideration. DEF has a pilot project involving customer sited batteries in the Orlando area and is exploring dispatch of customer owned assets in other jurisdictions.

58. Please identify and describe the objectives and methodologies of all energy storage pilot programs currently running or in development with an anticipated launch date within the current planning period. If the Company is not currently participating in or developing energy storage pilot programs, has it considered doing so? If not, please explain.

    a. Please discuss any pilot program results, addressing all anticipated benefits, risks, and operational limitations when such energy storage technology is applied on a utility scale (> 2 MW) to provide for either firm or non-firm capacity and energy.

    b. Please provide a brief assessment of how these benefits, risks, and operational limitations may change over the current planning period.

    c. Please identify and describe any plans to periodically update the Commission on the status of your energy storage pilot programs.

RESPONSE:

a. Duke Energy is currently running and testing the energy storage projects from the 50 MW battery energy storage pilot program identified in the 2017 DEF Settlement Agreement. The pilot program is studying how energy storage is a cost-effective tool to improve customer reliability, defer or eliminate traditional distribution investment, and improve system operations at universal solar assets. Duke is also testing the Suwannee Long Duration Energy Storage unit to evaluate long-duration dispatch profiles and alternative technologies.

b. DEF expects the current pilot program as well as future energy storage projects will help to better optimize the best blend of multiple use battery locations which may system balancing, capacity, and energy arbitrage values. These will include projects to firm output and mitigate intermittency from solar power and improve the coincidence between renewable generation and load. DEF also expects to better understand the benefits of energy storage as a key component of localized resiliency for locations as well as future uses of batteries to harden the local grids for counties and municipalities. As costs have decreased in recent years for Li-ion batteries, and as other technologies may provide additional paths to energy storage, storage will become a part of the myriad of tools DEF deploys to optimize grid resiliency and reduce certain transmission or distribution congestion/redundancy needs. The Suwannee Long Duration Energy Storage unit will provide operational learnings around the non-lithium chemistry used there coupled with its 8 hour storage duration and how that can be best integrated with our existing fleet and unit commitment planning process at scale.

c. Duke Energy plans to update the Commission on the status of our energy storage pilot programs during future Ten Year Site Plan filings and during any ad hoc requests made by the Commission.

59. If the Company utilizes non-firm generation sources in its system portfolio, please detail whether it currently utilizes or has considered utilizing energy storage technologies to provide firm capacity from such generation sources. If not, please explain.

a. Based on the Company's operational experience, please discuss to what extent energy storage technologies can be used to provide firm capacity from non-firm generation sources. As part of your response, please discuss any operational challenges faced and potential solutions to these challenges.

RESPONSE:

DEF understands the benefits of having storage technologies in our portfolio. They can provide substation upgrade deferral, distribution line reconducting deferral, backup power, peak load shaving, and energy arbitrage. Currently DEF has fifty-five MW of small Battery Energy Storage Systems (BESS) installed but they were not added for peak load shaving purposes (firm capacity).

a. DEF has not installed large capacity batteries in its system yet. The first one will be in service in year 2027, and we will continue to keep adding them at steady pace to capture the energy of our solar resources and generate when it is economic, especially during the early hours of winter, when solar resources are not available.

Siting

60. Please refer to the **Excel Tables File (Planned PPSA)**. Complete the table by providing information on each planned generation resource that requires siting under the Power Plant Siting Act. For each planned unit, provide the date of the Commission's Determination of Need and Power Plant Siting Act certification, if applicable.

RESPONSE:

Please see the table below and tab *Planned PPSA* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Certification Dates (if Need Approved (Commission))	PPSA Certified
					Mo	Yr		
Undesignated CT	P1	Unknown	Gas Turbine	Natural Gas	June	2031	Not Required	Not Required
Undesignated CT	P2	Unknown	Gas Turbine	Natural Gas	June	2031	Not Required	Not Required
Undesignated CT	P3	Unknown	Gas Turbine	Natural Gas	June	2034	Not Required	Not Required
Undesignated CT	P4	Unknown	Gas Turbine	Natural Gas	June	2034	Not Required	Not Required
Notes								
(Include Notes Here)								

61. Please refer to the **Excel Tables File (Planned TLSA)**. Complete the table by providing a list of all proposed transmission lines for the current planning period that require certification under the Transmission Line Siting Act. Please also include in the table transmission lines that have already been approved, but are not yet in-service.

RESPONSE:

Please see the table below and tab *Planned TLSA* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Transmission Line	Line Length	Nominal Voltage	Certification Dates		In-Service Date
	(Miles)	(kV)	Need Approved	TLSA Certified	
DeLand West-Dona Vista	26.5	230	6/9/2025	1/20/2026	1/30/2030
Notes					
(Include Notes Here)					

Power Purchase and/or Sale Agreements

62. Please refer to the **Excel Tables File** tabs listed below. Complete the tables by providing information on each power purchase agreement (PPA) for the time period listed. If the PPA is associated with a particular generating unit(s), provide additional information about those units if available. When completing the tables, please consider the following factors: (i) for multiple small (<1 MW) distributed resources of the same type and fuel source, provide a single entry; (ii) for solar facilities, if available, provide the nameplate DC capacity as the gross capacity,

the nameplate AC capacity as the net capacity, and the firm contribution during time of system peak as the firm capacity. If a solar facility is combined with an energy storage system, identify the capacity of the energy storage system in a separate line.

a. **Excel Tables File (Existing PPA)**, including each PPA still in effect by December 31 of the year prior to the current planning period pursuant to which energy was delivered to the Company during said year.

b. **Excel Tables File (Planned PPA)**, including each PPA pursuant to which energy will begin to be delivered to the Company during the current planning period.

RESPONSE:

a. Please see the table below and tab *Existing PPA* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Contract Information						Provide If Associated with Specific Unit(s)													
Seller Name	Date Contract Approved	Contract Terms				Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
		Firm Capacity (MW)		Delivery Dates									Gross		Net		Firm	
		Sum	Win	Start	End						Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Traditional																		
Northern Star Generation	7/1/1991	104	104	12/16/1995	12/31/2025	Orange Cogen	1	Polk	CC	NG	6	1995	104	104	104	104	104	104
Northern Star Generation	Ongoing through the Fuel Clause	655	699	6/1/2012	5/31/2027	Vandolah Power	1-4	Hardee	GT	NG	6	2002	655	699	655	699	655	699
Renewable																		
Pasco County	N/A	N/A	N/A	1/1/2025	N/A	Pasco County Resource Recovery	1	Pasco	ST	MSW	1	1991	23	23	23	23	N/A	N/A
Pinellas County	N/A	N/A	N/A	1/1/2025	N/A	Pinellas County Resource Recovery	1	Pinellas	ST	MSW	5	1983	55	55	55	55	N/A	N/A
Lake County	N/A	N/A	N/A	7/1/2014	N/A	Lake County Resource Recovery	1	Lake	ST	MSW	3	1991	N/A	N/A	N/A	N/A	N/A	N/A
Lee County	N/A	N/A	N/A	1/1/2017	N/A	Lee County Resource Recovery	1	Lee	ST	MSW	11	1994	N/A	N/A	N/A	N/A	N/A	N/A
PCS Phosphate	N/A	N/A	N/A	1/1/1980	N/A	Swift Creek	1	Hamilton	ST	WH	1	1980	N/A	N/A	N/A	N/A	N/A	N/A
G2 Energy Marion	N/A	N/A	N/A	1/1/2024	N/A	G2 Marion, LLC	1	Marion	CT	LNG	1	2009	N/A	N/A	N/A	N/A	N/A	N/A
Notes																		
(Include Notes Here)																		

b. Please see the table below and tab *Planned PSA* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Contract Information						Provide If Associated with Specific Unit(s)												
Seller Name	Date Contract Approved	Contract Terms				Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
		Firm Capacity (MW)		Delivery Dates									Gross		Net		Firm	
		Sum	Win	Start	End						Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Traditional																		
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Renewable																		
Lake Placid II LLC	N/A	N/A	N/A	12/31/2026	N/A	Highlands South	1	Highlands	PV	SO	TBD	2026	N/A	N/A	N/A	N/A	N/A	N/A
Notes																		
There are no planned PPAs deliviering traditional generation during the current planning period. Pasco County Resource Recovery and Pinellas County Resource Recovery enetered into As Available Tariff Agreements which																		

63. For each planned power purchase, provide a narrative response discussing the current status of the associated agreement.

RESPONSE:

As of 12/31/2025, DEF had 6 executed As-Available QF contracts delivering generation that will continue in the planning period. There is one natural gas fired generator that is in-service and under a firm capacity and energy contract which continues through mid-2027. There is another natural gas fired generator PPA contract that expired 12/31/2025.

64. Please list and discuss any long-term power purchase agreements that have, within the past year, been cancelled, delayed, or reduced in scope. What was the primary reason for the change? What, if any, were the secondary reasons?

RESPONSE:

No long-term power purchase agreements have, within the past year, been cancelled, delayed, or reduced in scope.

65. Please refer to the **Excel Tables File** tabs listed below. Complete the tables by providing information on each power sale agreement (PSA) for the time period listed. If the PSA is associated with a particular generating unit(s), provide additional information about those units if available. When completing the tables, please consider the following factors: (i) for multiple small (<1 MW) distributed resources of the same type and fuel source, provide a single entry; (ii) for solar facilities, if available, provide the nameplate DC capacity as the gross capacity, the nameplate AC capacity as the net capacity, and the firm contribution during time of system peak as the firm capacity. If a solar facility is combined with an energy storage system, identify the capacity of the energy storage system in a separate line.

a. **Excel Tables File (Existing PSA)**, including each PSA still in effect by December 31 of the year prior to the current planning period pursuant to which energy was delivered by the Company during said year.

b. **Excel Tables File (Planned PSA)**, including each PSA pursuant to which energy will begin to be delivered by the Company during the current planning period.

RESPONSE:

a. Please see the table below and tab *Existing PSA* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Contract Information						Provide If Associated with Specific Unit(s)													
Buyer Name	Date Contract Approved	Contract Terms				Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
		Firm Capacity (MW)		Delivery Dates									Gross		Net		Firm	
		Sum	Win	Start	End						Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Seminole	1/1/1997	0.014	0.014	6/1/1987	Evergreen	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seminole	8/29/2016	0	50-600	1/1/2021	3/31/2027	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seminole	9/21/2017	50-400	50-400	1/1/2021	12/31/2030	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seminole	9/21/2017	50-400	50-400	1/1/2021	12/31/2035	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seminole	9/21/2017	200	0	5/1/2025	9/30/2025	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tampa Electric	1/16/2019	0-500	0-500	1/26/2019	12/31/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Notes																		
(Include Notes Here)																		

b. Please see the table below and tab *Planned PSA* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Buyer Name	Date Contract Approved	Contract Terms				Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)						Land Use
		Firm Capacity (MW)		Delivery Dates									Gross		Net		Firm		
		Sum	Win	Start	End						Mo	Yr	Sum	Win	Sum	Win	Sum	Win	(Acres)
Seminole	4/9/2026	225-300	0	5/1/2026	9/30/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seminole	4/9/2026	0 -100	0 -100	1/1/2028	12/31/2032	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Notes																			
These are amendments to existing contracts. They were not included in the 2026 TYSP since they were approved by FERC after 12/31/2025.																			

66. For each planned power sale, provide a narrative response discussing the current status of the associated agreement.

RESPONSE:

Planned power sales are amendments to existing contracts and were approved by FERC on 04/09/2026

67. Please list and discuss any long-term power sale agreements within the past year that were cancelled, expired, or modified. What was the primary reason for the change? What, if any, were the secondary reasons?

RESPONSE:

Long-term power sale agreements within the past year that were cancelled, expired, or modified:

- 200-500 MW sale to Seminole Electric expired at 12:00am on 1/1/2025.
- 81-141 MW sale to Reedy Creek expired at 12:00am on 1/1/2025.

- The Tampa Electric agreement has been modified to reflect a 0-500 MW sale that now runs through 12/31/2026 per agreement by both parties.

Reliability

68. Please refer to the **Excel Tables File (Annual Reliability).** Complete the table by providing the loss of load probability, reserve margin, and expected unserved energy for each year of the planning period.

RESPONSE:

Please see the table below and tab *Annual Reliability* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Loss of Load Probability, Reserve Margin, and Expected Unserved Energy						
Base Case Load Forecast						
Year	Loss of Load Probability (Days/Yr)	Annual Isolated Reserve Margin (%) (Including Firm Purchases)	Expected Unserved Energy (MWh)	Loss of Load Probability (Days/Yr)	Annual Assisted Reserve Margin (%) (Including Firm Purchases)	Expected Unserved Energy (MWh)
2026		31%			31%	
2027		27%			27%	
2028		27%			27%	
2029		29%			29%	
2030		28%			28%	
2031		29%		0.06	29%	56
2032		35%			35%	
2033		35%			35%	
2034		31%			31%	
2035		27%		0.08	27%	148
Notes						
Duke Energy Florida is required to maintain a 20% Reserve Margin in all years. However, a LOLP was conducted on years 2031 and 2035.						

69. Please refer to **Excel Tables File (Hourly Reliability).** Provide an example hourly contribution of the Company's generating units compared to the system demand for a typical seasonal peak day for each season (Summer and Winter). As part of this response, provide the typical hourly demand and contribution of non-firm renewable resources (such as solar or wind), energy storage (charging and discharging separately), nuclear, natural gas, coal, oil, firm renewables, all other generation, purchased power, power sales, and demand response, if applicable.

RESPONSE:

Please see the table below and tab *Hourly Reliability* of the Excel File 2026 TYSP.SDR_1. Excel Tables.xlsx.

Peak Summer Day Hourly Dispatch (MW)												
Hour	Customer Oriented		Power Transactions		Energy Storage		Generation Resources					
	Load	Demand Response	Sales	Purchases	Charging	Discharging	Nuclear	Natural Gas	Coal	Oil	Other	Solar
1	6,208.66	-	238.52	37.70	-	117.29		5,446.79	606.88	-		-
2	5,731.37	-	219.46	37.70	-	-		5,446.79	246.88	-		-
3	5,418.95	-	206.98	37.70	-	-		5,206.25	175.00	-		-
4	5,223.87	-	199.19	37.70	-	-		5,011.17	175.00	-		-
5	5,207.91	-	198.55	37.70	-	-		4,995.21	175.00	-		-
6	5,413.27	-	206.75	37.70	-	-		5,200.57	175.00	-		-
7	5,827.45	-	223.29	37.70	-	-		5,446.79	342.96	-		-
8	6,094.25	-	233.95	37.70	-	58.67		5,446.79	284.61	-		266.48
9	6,516.69	-	250.81	37.70	475.00	-		4,180.01	175.00	-		2,598.98
10	7,689.10	-	297.62	37.70	575.00	-		3,874.16	175.00	-		4,177.23
11	7,758.95	-	300.40	37.70	575.00	-		3,471.67	175.00	-		4,649.58
12	8,422.47	-	326.90	37.70	510.29	-		3,963.36	175.00	-		4,756.71
13	9,011.74	-	350.43	37.70	335.29	-		4,739.53	175.00	-		4,394.81
14	9,521.95	-	370.80	37.70	-	-		4,887.51	175.00	-		4,421.74
15	9,795.45	-	381.73	37.70	-	-		5,380.69	350.00	-		4,027.06
16	9,940.81	-	387.54	37.70	-	-		6,323.40	710.00	-		2,869.71
17	9,972.35	-	388.80	37.70	-	-		6,560.41	710.00	-		2,664.24
18	10,275.85	-	400.94	37.70	-	50.72		7,057.00	710.00	-		2,420.44
19	9,779.88	-	381.14	37.70	-	443.00		7,281.00	710.00	-		1,308.18
20	9,351.99	-	364.06	37.70	-	575.00		7,521.41	710.00	311.56		196.31
21	8,886.14	-	345.45	37.70	-	542.91		7,521.41	710.00	60.00		14.11
22	8,272.72	-	320.95	37.70	-	431.43		7,079.48	710.00	-		14.11
23	7,514.43	-	290.67	37.70	-	56.94		6,709.79	710.00	-		-
24	6,733.70	-	259.49	37.70	-	-		5,986.00	710.00	-		-

Peak Winter Day Hourly Dispatch (MW)												
Hour	Customer Oriented		Power Transactions		Energy Storage		Generation Resources					
	Total Load	Demand Response	Sales	Purchases	Charging	Discharging	Nuclear	Natural Gas	Coal	Oil	Other	Solar
1	6,315.46	-	242.53	37.70	-	-		5,742.76	535.00	-		-
2	6,609.87	-	254.27	37.70	-	66.07		5,785.10	721.00	-		-
3	6,845.41	-	263.66	37.70	77.73	-		5,663.00	1,222.44	-		-
4	7,237.07	-	279.28	37.70	-	-		5,757.37	1,442.00	-		-
5	7,636.44	-	295.21	37.70	-	78.05		6,078.69	1,442.00	-		-
6	8,642.19	-	335.32	37.70	-	400.00		6,762.49	1,442.00	-		-
7	9,880.79	22.09	384.72	37.70	-	500.00		7,403.00	1,442.00	476.00		-
8	10,287.74	88.74	400.94	37.70	-	500.00		7,433.00	1,442.00	749.00		37.30
9	10,179.58	-	396.64	37.70	-	321.95		6,354.00	1,442.00	-		2,023.93
10	9,653.79	-	375.66	37.70	-	-		5,085.97	722.00	-		3,808.13
11	8,832.71	-	342.89	37.70	-	-		4,503.15	350.00	-		3,941.86
12	7,992.84	-	309.39	37.70	-	-		3,634.29	350.00	-		3,970.85
13	7,078.03	-	272.90	37.70	282.35	-		3,083.28	350.00	-		3,889.40
14	6,465.73	-	248.48	37.70	400.00	-		2,571.17	350.00	-		3,906.86
15	6,056.91	-	232.18	37.70	500.00	-		2,200.79	350.00	-		3,968.42
16	6,055.85	-	232.15	37.70	500.00	-		2,227.95	350.00	-		3,940.20
17	6,037.02	-	231.42	37.70	435.29	-		3,103.59	350.00	-		2,981.02
18	6,787.68	-	261.37	37.70	-	-		5,642.00	758.15	-		349.84
19	7,794.88	-	301.54	37.70	-	412.73		5,893.00	1,442.00	-		9.45
20	7,910.34	-	306.15	37.70	-	400.00		6,021.19	1,442.00	-		9.45
21	8,020.47	-	310.54	37.70	-	366.40		6,164.92	1,442.00	-		9.45
22	7,738.30	-	299.28	37.70	-	473.60		5,785.00	1,442.00	-		-
23	7,463.97	-	288.34	37.70	-	147.27		5,837.00	1,442.00	-		-
24	7,201.53	-	277.87	37.70	-	-		5,764.00	1,399.83	-		-

70. Describe in detail the methodology the Utility used to determine the seasonal firm capacity contribution of its solar facilities or purchases and provide the percentage contribution for each facility, if applicable. As part of this discussion, please explain whether the Company's existing and/or future solar facilities shift the hour of system peak demand for reliability planning purposes net of solar generation.

RESPONSE:

PowerGEM Consulting (formerly Astrapé Consulting) conducted this Effective Load Carrying Capability Study (ELCC) study using the Strategic Energy Risk Valuation Model (SERVM), an industry standard model for reliability evaluations. The ELCC study analyzed the capacity

value for solar and energy storage resources added beyond 2027 and used the results of that study for their summer and winter firmness. Capacity value is the reliability contribution of a generating resource and is represented as the fraction of the rated capacity considered to be firm.

The ELCC study methodology began by establishing a "base case" system without any solar or BESS on the system and calibrated to meet the commonly used physical reliability criteria of 0.1 event-days per year Loss of Load Expectation (LOLE), representing an expectation of one day experiencing generation shortfall in ten years. The system solar and BESS resources were then introduced in varying amounts, improving system reliability (lowering LOLE) relative to the base load assumption. Finally, these levels of generation were held constant while load was incrementally increased until the LOLE returned to the 0.1 reliability criteria. The ratio of load added in this manner to added generating resource defined the ELCC.

The following major assumptions were made in conducting this study:

- ELCC Surface: PowerGEM performed solar-only ELCC analyses, BESS-only ELCC analyses, and BESS and solar aggregated ELCC analysis to ensure any interactive effects were captured.
- Resource Forced Outage Assumptions: ELCC studies capture the ability for a resource type to provide incremental reliable capacity to the system, including operational characteristics including outage rates. For this study, BESS units assumed an equivalent forced outage rate (EFOR) of 2.5% and solar units assumed an EFOR of 5%. Because DEF models reliability against an installed capacity (ICAP) basis, DEF accounts for the reliability of variable and energy limited resources relative to equivalent capacity were it to be procured instead via new gas units. To capture firm capacity values of solar and BESS on this relative basis in the study, load adjustments (modeled as a negative capacity resource) are assigned a 2% EFOR. This ensures that all resources are compared on a level playing field with the generic selectable combustion turbine resource in the capacity expansion process.

Because solar resources only generate power during daylight hours when weather conditions are favorable, a solar asset's ability to reliably provide MW capacity when it is needed will differ from that of a conventional fully dispatchable resource like a gas-fired combustion turbine. Outside of unit outages, such conventional units can be called upon in any hour under a wide range of weather conditions to provide energy. Therefore, the ELCC study evaluated the performance of these solar resources for a broad range of weather, load, and unit outage conditions within the context of DEF's portfolio of existing and planned resources for calendar year 2027. The study used the Effective Load Carrying Capability (ELCC) methodology commonly employed by utility companies, Regional Transmission Organizations (RTOs), and reliability corporations in North America.

Response to questions 45a and 45b show the solar firmness for our planning and existing solar resources, respectively.

Recommended ELCC Solar vs BESS Results (Winter)

Solar Installed Capacity [MW]	Storage Installed Capacity [MW]	Stand Alone Solar [%]	Synergistic Solar [%]	Stand Alone Storage [%]	Synergistic Storage [%]
2,500	500	3.9	5.6		
3,000	500	3.2	5.6		
4,000	500	2.4	5.6		
5,000	500	1.9	4.3	85	85
6,000	1,000	1.6	4.2	69	69
7,000	2,000	1.4	3.6	25	31
8,000	2,500	1.2	3.2	22	29
9,000	3,500	1.1	2.8	17	27
10,000	5,000	1.0	2.5	12	25

Recommended ELCC Solar vs BESS Results (Summer)

Solar Installed Capacity [MW]	Storage Installed Capacity [MW]	Stand Alone Solar [%]	Synergistic Solar [%]	Stand Alone Storage [%]	Synergistic Storage [%]
2,500	500	32	33		
3,000	500	19	28		
4,000	500	16	23		
5,000	500	10	17	95	96
6,000	1,000	8	16	95	95
7,000	2,000	7	14	42	65
8,000	2,500	6	12	39	57
9,000	3,500	5	11	33	44
10,000	5,000	5	10	28	32

71. If the Company utilizes non-firm generation sources in its system portfolio, please detail whether it currently utilizes or has considered utilizing energy storage technologies to provide firm capacity from such generation sources. If not, please explain.

    a. Based on the Company's operational experience, please discuss to what extent energy storage technologies can be used to provide firm capacity from non-firm generation sources. As part of your response, please discuss any operational challenges faced and potential solutions to these challenges.

RESPONSE:

Solar generation is an intermittent or non-firm resource reliant on weather conditions coupled with time of day to allow for appropriate solar irradiation to create power output for the grid. Excess energy can be used to charge an energy storage system to firm the output of the site in case of a change in cloud cover whether co-located or only nearby on the system. Winter peak load demand does not coincide with peak solar generation output. Power stored in energy storage systems during the day can be discharged prior to sunrise or after sunset to provide

more consistent output on a predictable, scheduled basis. DEF has 1,400 MW energy storage projects additions in the 2026 TYSP that assist with firming solar output in addition to other the other existing grid benefits. Battery systems being examined to be located in areas of the system with high penetration of local solar resources to reduce solar curtailment based on transmission constraints.

Fuel Supply & Transportation

72. Please refer to the **Excel Tables File (Energy Rates).** Complete the table by providing information on the Utility's firm capacity and energy purchases, non-firm energy purchases, and the Utility's as-available energy rate. If the Utility uses multiple areas for as-available energy rates, please provide a system-average rate as well.

RESPONSE:

Please see the table below and tab *Energy Rates* of the Excel File *2026 TYSP - Data Request #1 - Excel Tables.xlsx*

Year		Firm Purchase Rates		Non-Firm Purchase Rates		As-Available Energy Rates		
		Annual Average ($/MWh)	Escalation Rate (%)	Annual Average ($/MWh)	Escalation Rate (%)	Annual Average ($/MWh)	On-Peak Average ($/MWh)	Off-Peak Average ($/MWh)
Actual	2016	37.98	-47%	31.82	-26%	25.97	29.79	22.73
	2017	43.78	15%	33.00	4%	28.97	32.44	26.03
	2018	46.91	7%	46.95	42%	30.84	34.80	27.49
	2019	40.12	-14%	36.76	-22%	23.71	27.22	20.73
	2020	35.80	-11%	31.32	-15%	18.57	21.22	16.33
	2021	52.19	46%	53.11	70%	34.45	40.53	29.30
	2022	85.75	64%	105.54	99%	61.67	73.74	51.45
	2023	53.76	-37%	60.49	-43%	24.47	28.56	21.00
	2024	39.60	-26%	61.68	2%	21.80	25.32	18.81
	2025	71.14	80%	98.75	60%	32.10	37.10	27.87
Projected	2026	54.95	-23%	39.57	-60%	34.20	38.24	30.79
	2027	46.12	-16%	42.56	8%	34.37	38.56	30.82
	2028			39.05	-8%	32.67	36.20	29.69
	2029			38.84	-1%	29.91	32.43	27.79
	2030			33.02	-15%	27.89	29.91	26.19
	2031			34.30	4%	28.28	30.35	26.52
	2032			38.20	11%	32.90	34.56	31.50
	2033			42.26	11%	38.41	39.96	37.09
	2034			45.48	8%	43.21	44.07	42.48
	2035			48.00	6%	44.72	45.06	44.44

Notes

Firm purchase costs don't include capacity payments.

Firm purchase of Orange Cogeneration and non-firm purchases, Pinellas and Pasco, as well as the As Available CC, ended 12/31/2025

This year, both the Actuals and the Projected As-Available payment rates shown reflect all components but for the delivery voltage adjustment (because the generator's interconnection level is unknown) defined under rule 25-17.0825(2)(a). These components include: identifiable variable operating and maintenance expenses, start up costs, and a reasonable as-available block size of solar QF generation for appropriate customer protections. The Projected values are only valid and effective as of December 31, 2025 due to the volume of potential solar QF activity and fuel price volatility. DEF also anticipates that at some point, the system will have increasing amounts of time when the required DEF system resources along with potential solar QF generation may exceed DEF load levels and that excess generation is not fully captured in the Projected values herein.

73. Please refer to the **Excel Tables File (Fuel Usage & Price).** Complete the table by providing, on a system-wide basis, the actual annual fuel usage (in GWh) and average fuel price (in nominal $/MMBTU) for each fuel type utilized by the Utility in the 10-year period prior to the current planning period. Also, provide the forecasted annual fuel usage (in GWh) and

forecasted annual average fuel price (in nominal $/MMBTU) for each fuel type forecasted to be used by the Utility in the current planning period.

RESPONSE:

Please see the table below and tab *Fuel Usage & Price* of the Excel File *2026 TYSP - Data Request #1 - Excel Tables.xlsx*

Year		Uranium		Coal		Natural Gas		Residual Oil		Distillate Oil		Hydrogen		Other (Specify)	
		GWh	$/MMBTU	GWh	$/MMBTU	GWh	$/MMBTU	GWh	$/MMBTU	GWh	$/MMBTU	GWh	$/MMBTU	GWh	$/MMBTU
Actual	2016	-	-	8,885	3.62	24,807	4.09	-	-	77.00	18.66	-	-	-	-
	2017	-	-	8,722	3.44	27,307	4.26	-	-	62.00	16.43	-	-	-	-
	2018	-	-	8,422	3.20	28,687	4.52	-	-	90.00	19.80	-	-	-	-
	2019	-	-	4,322	3.66	35,170	3.93	-	-	33.05	20.36	-	-	-	-
	2020	-	-	3,287	3.66	36,327	3.37	-	-	33.06	22.28	-	-	-	-
	2021	-	-	5,042	3.03	34,517	5.28	-	-	61.41	20.27	-	-	-	-
	2022	-	-	4,375	4.58	36,423	8.50	-	-	145.95	22.63	-	-	-	-
	2023	-	-	3,829	4.61	35,526	4.16	-	-	28.88	26.51	-	-	-	-
	2024	-	-	3,262	4.41	37,494	3.74	-	-	29.53	25.75	-	-	-	-
	2025	-	-	3,837	4.14	36,346	5.01	-	-	34.05	24.16	0.1		-	-
Projected	2026	-	-	2,012	3.96	36,709	4.31	-	-	2.65	15.33	-	-	-	-
	2027	-	-	1,854	4.06	36,918	4.29	-	-	8.68	15.39	-	-	-	-
	2028	-	-	1,871	4.18	35,943	4.01	-	-	16.07	15.36	-	-	-	-
	2029	-	-	1,374	4.28	35,737	3.83	-	-	9.00	15.42	-	-	-	-
	2030	-	-	1,051	4.39	35,477	3.68	-	-	5.15	16.03	-	-	-	-
	2031	-	-	1,063	4.41	33,995	3.73	-	-	8.17	16.99	-	-	-	-
	2032	-	-	1,199	4.42	32,805	4.46	-	-	2.48	17.65	-	-	-	-
	2033	-	-	1,754	4.46	31,604	5.28	-	-	1.96	17.95	-	-	-	-
	2034	-	-	1,116	4.51	31,536	5.95	-	-	0.16	18.25	-	-	-	-
	2035	-	-			31,850	6.13	-	-	0.87	18.27	-	-	-	-
Notes															
(Include Notes Here)															

74. Does the Utility compare its fuel price forecasts to recognized, authoritative independent forecasts? If so, please identify all such forecasts and discuss how the Utility conducts its comparison. If not, please explain.

RESPONSE:

DEF's fuel price forecasts are developed based on the forward market price for the first five years, followed by the long-term fundamental forecast beyond year five. The fundamental forecast is created as a composite of several nationally recognized fuel forecasts including both publicly available data (e.g., EIA) and purchased proprietary forecasts prepared by major consulting companies.

As part of its forecast comparison process, Duke Energy compares its composite fundamental commodity price outlooks to a range of individual forecasts, including both public forecasts like EIA, and proprietary outlooks from other leading energy consultants. Duke Energy also compares supply and demand fundamentals where they are available to review the underlying drivers. Natural gas and distillate fuel oil are widely traded commodities with multiple forecasts although these forecasts are influenced by views of not only domestic supply and demand effects, but also international market trends. Coal price forecast comparisons are more tenuous given the limited number of qualified outlooks, the significance of transportation

cost and the non- homogeneous nature of the commodity itself. Duke Energy utilizes direct comparisons for select coal product qualities widely available in the market. Since the objective of Duke Energy fundamental forecasting process is to produce a comprehensive internally consistent forecast, Duke Energy also performs checks that the final price forecast is intuitively aligned with the supply/demand balances across the various commodities.

75. Please identify and discuss expected industry trends and factors for each fuel type listed below that may affect the Utility during the current planning period.

    a. Coal.

    b. Natural Gas.

    c. Nuclear.

    d. Fuel Oil.

    e. Other (please specify each, if any).

RESPONSE:

a. Coal.
After falling to near pre-covid levels in 2024, market curves began to see upward pressure in 2025 supported by domestic coal power generation demand and declining utility inventories. For the ten year forecast period, on average, the high-sulfur high chlorine Illinois basin coal prices generally are in the low $50's per ton increasing to the mid-$50's per ton for the balance of the period, while Illinois basin low chlorine coal prices are mid $50's per ton increasing to low $60's per ton in the back half of the period. Central Appalachia coal prices are mid $80's per ton increasing to the low to mid-$100's in the back half of the period; Northern Appalachia coal prices are low to mid $60's per ton increasing to the mid-$70's across the period; Powder River Basin coal prices are in the mid-teens escalating to the high teens; and Colorado coal prices are low $60's per ton increasing to the mid-$60's in the back half of the period. Despite the published coal market prices, the impacts of rising production costs on individual mining operations may result in higher coal contract prices than market publications imply.

Coal demand is primarily driven by changes in electric power consumption and is expected to continue to experience a high degree of market volatility over the next decade due to a number of factors, including: (1) the inability of coal suppliers to respond timely to changes in demand; (2) natural gas price volatility; (3) continued uncertainty regarding proposed and imposed U.S. Environmental Protection Agency ("EPA") regulations for power plants; (4) volatility in global demand for both steam and metallurgical coal; (5) continued shifts in production between thermal and metallurgical coal; and, (6) continued labor and resource constraints further limiting suppliers' operational flexibility. International coal pricing assumptions are not currently accounted for in long-term

fundamental price modeling. In the future if domestic coal supply becomes increasingly constrained, importing international supply may become necessary to ensure adequate supply.

Finally, declining demand for coal in the utility sector has also driven transportation providers to modify their business models to be less dependent on coal-related transportation revenues. Transportation providers generally have limited ability to quickly adapt to significant changes in scheduling demand resulting from the Company's burn volatility. DEF expects barge and rail transportation to remain key components of its transportation portfolio during the planning period and maintains communications with its transportation providers as well as its coal suppliers to actively explore opportunities to maintain cost competitive transportation to its coal generating station

b. Natural Gas.
Over the planning horizon there are a number of trends that could have an impact on natural gas prices, and the overall supply and demand for domestic natural gas. First, is the level of production of domestic natural gas, particularly from associated gas. Second, is the forecasted growth in the use of natural gas from electric power generation, and the industrial sector. Third, is the level of natural gas exports via pipelines to Mexico, and LNG to the global natural gas market from U.S. export facilities.

The U.S. Energy Information Agency ("EIA") routinely publishes a long-term forecast, the Annual Energy Outlook ("AEO") of energy market fundamentals that is used as a guide for long term planning. The latest update was released April 8th, 2026. According to the 2026 AEO the EIA projects total U.S. dry natural gas production to grow from 107 Bcf/day in 2025 to ~123 Bcf/day by 2035. The Appalachian Basin is the primary driver due to the lower production costs. EIA does note that increased output from Appalachia will require incremental pipeline infrastructure to move natural gas to the Gulf Coast. The infrastructure buildout is supported by price difference between relatively low-cost Appalachian gas compared to gas produced near the Gulf Coast. The Permian Basin and other regions with associated gas from oil production also contribute to the increase. In 2035, the EIA forecasts domestic natural gas consumption will be approximately 90 Bcf/day. While the AEO does not explicitly state power generation from natural gas in 2035, they forecast the expected 2050 consumption to be approximately 38 to 50 Bcf/d U.S. LNG exports averaged 14.86 Bcf/d in 2025 and are expected to grow to an average of 27 Bcf/d in 2035.

Natural gas prices are expected to increase as demand increases domestically and abroad. In 2025, spot prices at the Henry Hub averaged $3.53 per MMBtu and are expected to average $5.05 in 2035.

c. Nuclear.
DEF has retired the Crystal River 3 Nuclear plant and does not plan to add a new nuclear unit in the ten-year horizon. Therefore, it does not expect to be significantly impacted by trends and factors of nuclear fuel.

d. Fuel Oil.

With respect to industry trends, per the EIA's STEO for 2026 published April 7, 2026, with constrained oil flowing through the Strait of Hormuz, oil storage continues to fill rapidly in countries that primarily utilize the waterways for exports. As a result, Middle East producers are estimated to shut in 7.5m barrels per day (b/d) of crude oil in March. There is further upward pressure of oil shut-ins to rise to 9.1m (b/d) in April. However, the STEO assumes the Strait of Hormuz will gradually resume passage at the end of April, and the shut-ins will fall to 6.7m (b/d) in May, while returning to pre-conflict levels in late 2026. Because of the conflict primarily with Iran, the Brent Crude oil spot price averaged $103 per barrel (b) in March, with expectations of peaking in the second quarter of 2026 (2Q26) at $115/b, before coming off as production shut-ins slowly subside. The STEO maintains a risk premium on crude oil prices throughout the forecast period due to uncertainty around future supply disruptions keeping prices above pre-conflict levels. The forecast indicates the Brent Crude Oil price is projected to fall below $90/b in 4Q26, and average $76/b in 2027. These forecasted prices are highly dependent on the duration of the conflict in the Middle East and any disruptions in production from an extended conflict.

Meanwhile, the spread between the Brent crude oil spot price and West Texas Intermediate (WTI) crude oil spot price increased, averaging $12/b in March, as the conflict in the Middle East drove the Brent spot price higher than WTI, with primary drivers having higher shipping costs and reduced oil flows between the Middle East and consuming markets in Asia. The STEO depicts a Brent-WTI spread peaking at $15/b in April, when production disruptions are the largest. Like the previously forecasted Brent price, the spread is forecasted to gradually decline as oil flows through the Strait of Hormuz and oil prices decline. The STEO forecast shows a downward projection on pricing through 2027, although eighteen percent (18%) higher than previous forecast, with Brent averaging $76 per barrel and WTI projected to average $80 per barrel for the same period.

DEF will continue to monitor oil prices, trends and its fuel forecast over time and will procure needed fuel oil supply and transportation services to meet its generation fleet needs over the planning horizon. As new information becomes available, DEF will monitor this information for potential developments.

e. Other (please specify each, if any).
N/A.

76. Please provide a comparison of the Utility's 2025 fuel price forecast used to prepare its 2025 TYSP and its actual 2025 delivered fuel prices.

RESPONSE:

Year		Coal		Natural Gas		Distillate Oil	
		GWh	$/MMBTU	GWh	$/MMBTU	GWh	$/MMBTU
Projected	**2025**	2,269	2.95	36,924	3.41	6	15.65
Actual	**2025**	3,837	4.14	36,346	5.01	34	24.16
Notes							
(Include Notes Here)							

Projected values include commodity price and variable transportation cost.
Actual values include commodity price, variable and fixed transportation cost, surcharge delivery costs, and cost of existing inventory (coal sitting on the pile, oil in the tanks).

77. Please explain any notable changes in the Utility's forecast of fuel prices used to prepare the Utility's current TYSP compared to the forecast process used to prepare the Utility's prior TYSP.

RESPONSE:

DEF's 2026 TYSP is based on fuel forecasts developed in the Fall of 2025. Markets continue to change based on both near-term and projected long-term factors. 2025 continued the trend of return to "normal" market behavior, marked by prices driven by domestic market factors and extraction costs rather than geopolitical events. Although forecast prices are generally higher than in the 2025 TYSP (2024 Fall Forecast), they remain stable in real dollar terms throughout the forecast period.

US natural gas markets have adjusted for higher LNG demand in a way that allowed a steady decline in prices to a point roughly on par with pre-2022 prices. In the short to medium-term, the impact on US domestic gas prices from changes in international markets is mitigated by the limited amount of US export capacity. DEF continues to forecast natural gas prices to be below the long-term fundamentals and generally stable for the next several years before generally rising beyond 2030. On average DEF's Fall 2025 forecast projects natural gas prices to be approximately 5% higher than the Fall 2024 forecast.

Coal prices have also returned to pre-COVID levels, in real dollar terms, and are expected to remain stable for the next three to five years. On average DEF's Fall 2025 forecast projects coal prices to be approximately 7% above the Fall 2024 forecast. In general, the Fall 2025 forecast shows that coal prices are moving in a very similar trend to the gas prices over the next 10 years.

Distillate oil comprises a very small portion of DEF's annual fuel cost. The price of distillate oil moves with worldwide economic trends and is closely tied to forces in the transportation fuel market. Overall, DEF's 2025 Fall fuel forecast (based on an October 2025 forecast) is only slightly changed from the 2024 Fall forecast over the next ten years, showing a 2% decrease.

All these forecasts were made before the February cold snap and the subsequent entry into the Iran war. The cold snap produced the expected short duration increase in natural gas prices followed by a drop to the pre-existing price levels. The impact of the war on natural gas and oil prices is yet to be determined.

78. Please identify and discuss steps that the Utility has taken to ensure natural gas supply availability and transportation over the current planning period.

RESPONSE:

DEF has broad contacts and relationships with natural gas suppliers and pipeline transportation providers. DEF performs short-term and long-term fuel forecasts to project estimated fuel usage for future periods. The short-term forecasts typically cover a period of five years, and the long-term forecasts cover years six through year twenty. Fuel forecasts include items such as, but not limited to, load forecasts, fuel and emission prices, operational specifics of owned generation and contracted generation resources, wholesale power sales agreements, and unit maintenance schedules. The short-term forecast is performed approximately four times per year for a five-year period and currently covers years 2026 through 2031. The long-term forecast is performed two times per year and currently covers years 2032 through 2050.

To ensure that DEF has the needed natural gas supply to meets its generation needs over the planning horizon, DEF performs periodic competitive natural gas supply Request for Proposals ("RFP's") and market solicitations to procure the needed competitively priced natural gas supply consistent with its procurement approach. In addition, DEF also monitors potential pipeline expansion projects that can access competitively priced and secure natural gas for delivery to DEF's facilities. DEF monitors potential pipeline expansions through on-going discussions and periodic meetings with gas suppliers and pipeline providers, open seasons issued by pipelines, industry events, and publications.

Environmental

79. Please explain if the Company assumes carbon dioxide (CO_2) compliance costs in the resource planning process used to generate the resource plan presented in the Company's current planning period TYSP. If the response is affirmative, answer the following questions:

    a. Please identify the year during the current planning period in which CO2 compliance costs are first assumed to have a non-zero value.

    b. **[Investor-Owned Utilities Only]** Please explain if the exclusion of CO2 compliance costs would result in a different resource plan than that presented in the Company's current planning period TYSP.

c. **[Investor-Owned Utilities Only]** Please provide a revised resource plan assuming no CO2 compliance costs.

RESPONSE:

DEF did not assume CO2 compliance costs in the resource planning process used to generate the resource plan presented in the current TYSP.

a. N/A.

b. N/A.

c. N/A.

80. Provide a narrative explaining the impact of any existing environmental regulations relating to air emissions and water quality or waste issues on the Company's system during the previous year. As part of your narrative, please discuss the potential for existing environmental regulations to impact unit dispatch, curtailments, or retirements during the current planning period.

RESPONSE:

There were no known occurrences of impacts to unit dispatch, curtailments, or retirements during 2025 due to environmental regulations. DEF is not planning to retire any units in the current planning period as a response to existing environmental regulations. In the past DEF has experienced curtailments of some units related to water temperature restrictions. Because these events are weather related, there is no anticipated curtailment in the plan.

81. For the U.S. EPA's Standards of Performance for Greenhouse Gas Emissions for New Stationary Sources: Electric Utility Generating Units Rule:

a. Will your Company be materially affected by the rule?

b. What compliance strategy does the Company anticipate employing for the rule?

c. If the strategy has not been completed, what is the Company's timeline for completing the compliance strategy?

d. Will there be any regulatory approvals needed for implementing this compliance strategy? How will this affect the timeline?

e. Does the Company anticipate asking for cost recovery for any expenses related to this rule? Refer to the **Excel Tables File (Emissions Cost)**. Complete the table by providing information on the costs for the current planning period.

f. If the answer to any of the above questions is not available, please explain why.

RESPONSE:

a. No, DEF has not been materially affected by the EPA's "Standards of Performance for Greenhouse Gas Emissions from New, Modified and Reconstructed Stationary Sources: Electric Utility Generating Units" (CO2 NSPS) final rule. DEF does not anticipate any reliability impacts of this rule. Due to ongoing litigation, EPA is evaluating the potential to regulate additional units and pollutants under Section 112 of the Clean Air Act. The current CO2 NSPS rules remain in effect pending outcome of the review. DEF will evaluate potential applicability to any modifications of existing facilities and will reassess impacts upon promulgation of a final rule.

b. While DEF's existing facilities are not materially affected by the rule, DEF will ensure that all future "New" generating facilities comply with standards and will monitor maintenance and compliance activities related to existing facilities that could potentially result in the facilities being identified as "Modified" or "Reconstructed" stationary sources under the rule.

c. N/A.

d. There are no specific regulatory approvals identified as associated with compliance with this rule.

e. Please see the table below and tab *Emissions Cost* of the Excel File *2026 TYSP - Data Request #1 - Excel Tables.xlsx.*

Year	Estimated Cost of Standards of Performance for Greenhouse Gas Emissions Rule for New Sources Impacts (Present-Year $ millions)			
	Capital Costs	O&M Costs	Fuel Costs	Total Costs
2026	0	0	0	0
2027	0	0	0	0
2028	0	0	0	0
2029	0	0	0	0
2030	0	0	0	0
2031	0	0	0	0
2032	0	0	0	0
2033	0	0	0	0
2034	0	0	0	0
2035	0	0	0	0
Notes				
(Include Notes Here)				

82. Explain any expected reliability impacts resulting from each of the EPA rules listed below. As part of your explanation, please discuss the impacts of transmission constraints and changes to units not modified by the rule that may be required to maintain reliability.

a. Mercury and Air Toxics Standards (MATS) Rule.

b. Cross-State Air Pollution Rule (CSAPR).

c. Cooling Water Intake Structures (CWIS) Rule.

d. Coal Combustion Residuals (CCR) Rule.

e. Standards of Performance for Greenhouse Gas Emissions for New Stationary Sources: Electric Utility Generating Units.

f. Affordable Clean Energy Rule or its replacement.

g. Effluent Limitations Guidelines and Standards (ELGS) from the Steam Electric Power Generating Point Source Category.

RESPONSE:

a. Mercury and Air Toxics Standards (MATS) Rule.
DEF has provided its compliance strategy for MATS in the Integrated Clean Air Compliance Plan submitted to the Commission on March 29, 2019 in Docket 20190007-EI and updated in Docket 20210007-EI. This compliance strategy has been implemented and there are no reliability impacts from this regulation. No additional impacts are expected due to the revisions repealed in 2026.

b. Cross-State Air Pollution Rule (CSAPR).
DEF sources are not subject to CSAPR and therefore there are no reliability impacts from this regulation.

c. Cooling Water Intake Structures (CWIS) Rule.
DEF has provided updates on the compliance strategy for CWIS at the Crystal River station in the testimony provided to the Commission on April 1, 2021, Docket No 20210007-EI. There are no reliability impacts from this regulation.

As explained in the prior testimonies of DEF witnesses Patricia West and Kim McDaniel in Dockets 20170007-EI, 20180007-EI, and 20190007-EI, DEF has been conducting 316(b) studies at the Anclote and Bartow stations and study results, along with proposed compliance strategies, were filed with the Florida Department of Environmental Protection ("FDEP") in July and August 2020, respectively, as part of the NPDES renewal process. The Bartow NPDES permit renewal was issued on January 12, 2023, including a schedule to install modified traveling screens and organism return in compliance with the 316(b) rule within 5 years from issuance of the renewed permit. This project is at the final design stage and is scheduled to be completed by the deadline. The final Anclote NPDES permit was issued on May 29, 2024. The permit authorizes the station to initiate an Impingement Mortality Performance Study to determine if modifications to the intake screens are required. The study commenced in April 2025 and will continue at least through April

2026 Upon completion of the initial 12 months of data collection, the need for additional data will be assessed. Upon completion of the study, the full compliance strategy for the site can be determined. There are no reliability impacts anticipated with the proposed compliance strategies.

d. Coal Combustion Residuals (CCR) Rule.
In accordance with the Environmental Protection Agency's CCR regulations contained in 40 CFR Parts 257 and 261, there have been no reliability issues to DEF nor DEF's customers resulting from implementation / compliance with this rule. In 2021 DEF completed the installation of a liner system in the existing sedimentation basin and west ditch. The liner system was installed as a corrective measure to address groundwater quality impacts. Actions to address groundwater exceedances and comply with groundwater assessment mandates resulting from the CCR landfill are described in Docket No. 20190007-EI, approved by PSC-2019-0500-FOF-EI, and updated in Docket Nos. 20200007-EI, 20210007-EI, and Docket No. 20220007-EI. This compliance strategy is not expected to have any impacts on reliability. In 2024 EPA finalized the Legacy CCR Rule, effective November 8, 2024, which requires a Facility Evaluation Report. On February 10, 2026, the EPA finalized the CCRMU Extension Rule that provides additional time to complete the Facility Evaluation Report. This report is currently in progress.

e. Standards of Performance for Greenhouse Gas Emissions for New Stationary Sources: Electric Utility Generating Units.
The "new" units (Citrus Combined Cycle Units) affected by these standards meet the compliance requirements outlined in the rule. This compliance strategy is not expected to have any impact on reliability. DEF does not anticipate impacts on reliability due to the final rule.

f. Affordable Clean Energy Rule or its replacement.
On January 19, 2021, the court vacated the ACE rule and remanded it back to EPA. Currently, neither the ACE rule nor Clean Power Plan rule are in effect. On October 29, 2021, the Supreme Court agreed to hear the appeal of ACE vacatur. The case was heard at the Supreme Court in February 2022, and on June 30, 2022, the Court issued a decision reversing and remanding the January 19, 2021, D.C. Circuit Court decision. Currently, neither the CPP nor the ACE rule are in effect. In April 2024 EPA finalized a replacement rule, establishing GHG performance standards for existing fossil fuel-fired EGUs and new natural gas combustion turbines. The EPA rule implements more protective GHG emission standards, which are applicable to several DEF coal and natural gas combustion turbine units. DEF is evaluating compliance options and staying abreast of impacts from EPA’s final rule and any potential revisions pending.

g. Effluent Limitations Guidelines and Standards (ELGS) from the Steam Electric Power Generating Point Source Category.
On October 13, 2020, the EPA revised the previous ELGs for two waste streams: flue gas desulfurization (FGD) wastewater and bottom ash (BA) transport water (2020 Reconsideration Rule). These limits were applied to the renewed NPDES permit for Crystal River Units 4 and 5 on October 23, 2023, which the facility is fully compliant. The EPA

finalized a supplemental rulemaking establishing more stringent discharge limits (i.e., zero-liquid discharge) for FGD wastewater, BA, and combustion residual leachate on April 24, 2024 (2024 Rule). The deadlines established under the 2024 Rule were extended until December 31, 2034, by EPA in a rulemaking finalized on December 23, 2025 (Deadline Extension Rule). Should Crystal River Units 4 and 5 operate past December 31, 2034, the units could require additional technology. There are no anticipated reliability impacts from this rule.

83. Please refer to the **Excel Tables File (EPA Operational Effects)**. Complete the table by identifying, for each unit affected by one or more of EPA's rules, what the impact is for each rule, including; unit retirement, curtailment, installation of additional emissions controls, fuel switching, or other impacts identified by the Company.

RESPONSE:

Please see the table below and tab *EPA Operational Effects* of the Excel File *2026 TYSP - Data Request #1 - Excel Tables.xlsx*

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW) Net		Estimated EPA Rule Impacts: Operational Effects						
														CCR	
					Mo	Yr	Sum	Win	ELGS	ACE or replacement	MATS	CSAPR/ CAIR	CWIS	Non-Hazardous Waste	Special Waste
Anclote	1	Pasco	Steam	NG	Oct	1974	508	521	NA	NA	Convert to NG	Convert to NG	Impacted	NA	NA
Anclote	2	Pasco	Steam	NG	Oct	1978	497	504	NA	NA	Convert to NG	Convert to NG	Impacted	NA	NA
P L Bartow	CC	Pinellas	CC	NG	Jun	2009	1,166	1,200	NA	NA	NA	Dispatch Changes	Impacted	NA	NA
Citrus Combined Cycle	CC	Citrus	CC	NG	Oct	2018	1,641	1,862	NA	NA	NA	NA	Compliant as Constructed	NA	NA
Crystal River	4	Citrus	Steam	Coal	Dec	1982	712	721	Impacted	Impacted	Reagent, CEMS	FGD, SCR, Dispatch	Impacted	Impacted	NA
Crystal River	5	Citrus	Steam	Coal	Oct	1984	710	721	Impacted	Impacted	Reagent, CEMS	FGD, SCR, Dispatch	Impacted	Impacted	NA
Osprey	CC	Polk	CC	NG	May	2004	616	638	NA	NA	NA	NA	NA	NA	NA
Hines	1-4	Polk	CC	NG	Aug	1998	2,144	2,213	NA	NA	NA	Dispatch Changes	NA	NA	NA
Notes															

84. Please refer to the **Excel Tables File (EPA Cost Effects).** Complete the table by identifying, for each unit impacted by one or more of the EPA's rules, what the estimated cost is for implementing each rule over the course of the planning period.

RESPONSE:

Please see the table below and tab *EPA Cost Effects* of the Excel File *2026 TYSP - Data Request #1 - Excel Tables.xlsx*

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)		Estimated EPA Rule Impacts: Cost Effects						
							Net							CCR	
					Mo	Yr	Sum	Win	ELGS	ACE or replacement	MATS	CSAPR/ CAIR	CWIS	Non-Hazardous Waste	Special Waste
Anclote	1	Pasco	Steam	Natural Gas	Oct	1974	508	521	N/A	N/A	0	0	15-130	N/A	N/A
Anclote	2	Pasco	Steam	Natural Gas	Oct	1978	497	504			0	0		N/A	N/A
P.L. Bartow	CC	Pinellas	CC	Natural Gas	Jun	2009	1,166	1,200	N/A	N/A	0	0	20 - 50	N/A	N/A
Crystal River	4	Citrus	Steam	Coal	Dec	1982	712	721	TBD	TBD	0	0	1 - 3	TBD	0
Crystal River	5	Citrus	Steam	Coal	Oct	1984	710	721			0	0			0
Notes															
(Include Notes Here)															

85. Please refer to the **Excel Tables File (EPA Unit Availability)**. Complete the table by identifying, for each unit impacted by one or more of EPA's rules, when and for what duration units would be required to be offline due to retirements, curtailments, installation of additional controls, or additional maintenance related to emission controls. Include important dates relating to each rule.

RESPONSE:

Please see the table below and tab *EPA Unit Availability* of the Excel File *2026 TYSP - Data Request #1 - Excel Tables.xlsx*

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)		Estimated EPA Rule Impacts: Unit Availability						
							Net							CCR	
					Mo	Yr	Sum	Win	ELGS	ACE or replacement	MATS	CSAPR/ CAIR	CWIS	Non-Hazardous Waste	Special Waste
Anclote	1	Pasco	Steam	NG	Oct	1974	508	521	NA	NA	NA	NA	TBD	NA	NA
Anclote	2	Pasco	Steam	NG	Oct	1978	497	504	NA	NA	NA	NA	TBD	NA	NA
P L Bartow	CC	Pinellas	CC	NG	Jun	2009	1,166	1,200	NA	NA	NA	NA	TBD	NA	NA
Citrus CC	CC	Citrus	CC	NG	Oct	2018	1,641	1,862	NA	NA	NA	NA	NA	NA	NA
Crystal River	4	Citrus	Steam	Coal	Dec	1982	712	721	NA	TBD	NA	NA	NA	TBD	NA
Crystal River	5	Citrus	Steam	Coal	Oct	1984	710	721	NA	TBD	NA	NA	NA	TBD	NA
Osprey	CC	Polk	CC	NG	May	2004	616	638	NA	NA	NA	NA	NA	NA	NA
Hines	1-4	Polk	CC	NG	Aug	1998	2,144	2,213	NA	NA	NA	NA	NA	NA	NA
Notes															

86. If applicable, identify any currently approved costs for environmental compliance investments made by your Company, including but not limited to renewable energy or energy efficiency measures, which would mitigate the need for future investments to comply with recently finalized or proposed EPA regulations. Briefly describe the nature of these investments and identify which rule(s) they are intended to address.

RESPONSE:

DEF's currently approved costs for environmental compliance investments which may be considered in the EPA's CO2 regulations include plant conversions to natural gas, coal resource retirements, and utilizing advanced natural gas technologies as discussed in detail in question #82. These plans were undertaken to address the requirements of various new or forthcoming rules. The retirement of Crystal River units 1 and 2 in response to MATS and the Regional Haze rule also reduced the impacts of the CCR rule, the CWIS rule and updates to the State Implementation Plan to achieve attainment with SO2 and Ozone National Ambient Air Quality Standards (NAAQS). This retirement reduced DEF's CO2 footprint. The conversion of the two units at Anclote to natural gas firing in response to MATS similarly

reduced priority pollutant emissions and the resultant risk around future updates to the NAAQS as well as CO2 emissions.

Until the EPA's CO2 emission reduction regulations are clearly defined, DEF can only estimate which investments would contribute to compliance and to what degree. DEF does, however, have some approved renewable energy and energy efficiency investments, recovered or administered under the energy conservation cost recovery clause that may mitigate the need for some limited future investments that may be contemplated in the EPA's future CO2 regulations; and, finally, DEF continues to evaluate clean energy technologies and prudently prepare now for a CO2 constrained future.

TYSP Year 2026

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TYSP Year 2026
Question No. 3(a)

Financial Assumptions			
Base Case			
AFUDC Rate		(%)	8.26%
Capitalization Ratios	Debt	(%)	5.95%
	Preferred	(%)	
	Equity	(%)	10.3%
Rate of Return	Debt	(%)	47%
	Preferred	(%)	
	Equity	(%)	53%
Income Tax rate	State	(%)	5.50%
	Federal	(%)	21%
	Effective	(%)	25.32%
Other Tax Rate:		(%)	
Discount Rate:		(%)	7.55%
Tax - Depreciation Rate:		(%)	

Tax Depreciation Rates:		
	CT	15 Years (MACRS Table)
	CC	20 Years (MACRS Table)
	Solar	5 Years (MACRS Table)
	Battery	5 Years (MACRS Table)

TYSP Year 2026
Question No. 3(b)

Financial Escalation Assumptions				
Year	General Inflation (%)	Plant Construction Cost (%)	Fixed O&M Cost (%)	Variable O&M Cost (%)
2026	2.50%	2.50%	2.50%	2.50%
2027	2.50%	2.50%	2.50%	2.50%
2028	2.50%	2.50%	2.50%	2.50%
2029	2.50%	2.50%	2.50%	2.50%
2030	2.50%	2.50%	2.50%	2.50%
2031	2.50%	2.50%	2.50%	2.50%
2032	2.50%	2.50%	2.50%	2.50%
2033	2.50%	2.50%	2.50%	2.50%
2034	2.50%	2.50%	2.50%	2.50%
2035	2.50%	2.50%	2.50%	2.50%

Year	Plant Construction Cost %			
	CT	CC	Solar	Battery
2027	1.65%	1.46%	3.77%	0.00%
2028	1.65%	1.46%	3.77%	-1.91%
2029	1.65%	1.46%	-0.25%	-1.91%
2030	1.65%	1.46%	-0.51%	-1.91%
2031	1.65%	1.46%	-1.13%	-1.91%
2032	1.55%	1.46%	-1.13%	-1.91%
2033	1.55%	1.46%	-1.13%	-1.91%
2034	1.55%	1.58%	-1.13%	-1.91%
2035	1.55%	1.58%	-1.13%	0.56%
2036	1.55%	1.58%	0.39%	0.56%

TYSP Year 2026
Question No. 4

Date	Hourly System Load (MW)																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1/1/2025	3411	3235	3055	2895	2860	2812	2889	2944	3124	3366	3540	3685	3839	3925	4015	4166	4242	4302	4444	4294	4107	3900	3649	3393
1/2/2025	3159	3043	2965	2980	3093	3448	3886	4293	4424	4263	4107	3908	3756	3740	3740	3886	4067	4367	4740	4699	4559	4404	4158	3921
1/3/2025	3755	3686	3688	3707	3928	4288	4814	5342	5303	4775	4336	4025	3847	3757	3731	3822	3990	4296	4628	4647	4582	4456	4275	4090
1/4/2025	3917	3770	3713	3724	3806	4023	4445	4836	5014	4833	4571	4222	3968	3797	3761	3827	3991	4245	4620	4668	4706	4651	4560	4408
1/5/2025	4274	4176	4182	4209	4322	4477	4778	5232	5325	4901	4437	4066	3820	3681	3687	3796	4003	4233	4527	4500	4338	4139	3846	3521
1/6/2025	3333	3178	3099	3163	3316	3693	4120	4408	4333	4046	3888	3804	3935	4073	4096	4205	4298	4505	4730	4634	4415	4151	3837	3542
1/7/2025	3337	3298	3335	3447	3671	4173	4897	5555	5736	5743	5471	5164	4959	4683	4441	4456	4725	5305	5898	6070	6053	5899	5576	5292
1/8/2025	5155	5101	5241	5310	5521	5906	6505	7027	6733	6307	5764	5287	5071	4779	4443	4430	4663	5160	5763	6004	6081	5865	5413	5121
1/9/2025	4966	4944	5003	5173	5539	5972	6853	7305	7351	6755	6181	5539	5010	4743	4505	4546	4741	5360	6117	6287	6334	6292	5985	5726
1/10/2025	5748	5579	5638	5779	6001	6412	7081	7390	6986	6098	5259	4620	4231	4039	3942	4000	4230	4476	4638	4521	4306	4122	3891	3553
1/11/2025	3326	3107	3010	2959	2986	3092	3296	3586	3924	4200	4312	4358	4279	4209	4085	4080	4219	4589	4919	4918	4863	4777	4672	4541
1/12/2025	4429	4379	4382	4511	4686	5037	5377	5960	6243	5687	5144	4646	4347	4069	3950	4043	4320	4614	5048	5105	5010	4773	4406	4014
1/13/2025	3821	3654	3595	3621	3765	4116	4700	5079	5120	5060	4928	4774	4644	4538	4378	4271	4433	4714	5016	4971	4671	4386	3981	3613
1/14/2025	3403	3320	3309	3348	3494	3874	4579	5023	5047	4796	4435	4088	3882	3753	3725	3832	4061	4448	4986	5134	5072	4896	4491	4245
1/15/2025	4131	4128	4169	4220	4425	4880	5699	6007	5774	5422	5168	5012	4899	4797	4729	4737	4893	5351	5648	5645	5497	5187	4855	4523
1/16/2025	4326	4195	4123	4153	4300	4745	5393	5727	5738	5657	5384	5217	4930	4453	4310	4453	4585	4843	5163	5161	5016	4874	4507	4189
1/17/2025	3979	3815	3835	3870	4017	4477	5180	5566	5582	5245	4740	4235	3922	3802	3783	3845	3957	4145	4426	4425	4300	4133	3927	3629
1/18/2025	3450	3263	3159	3087	3110	3185	3405	3656	3910	4025	3934	3846	3805	3774	3769	3841	3998	4114	4266	4170	4015	3835	3642	3370
1/19/2025	3147	2923	2819	2775	2743	2793	2942	3137	3520	3891	4120	4205	4336	4214	4142	4114	4090	4185	4435	4086	4178	3952	3784	3545
1/20/2025	3372	3279	3255	3299	3442	3827	4414	5036	5469	5676	5619	5245	4808	4623	4393	4529	4941	5441	6003	6200	6125	5945	5582	5266
1/21/2025	4995	4849	4796	4840	4956	5349	5929	6258	6316	6335	6215	5902	5667	5480	5310	5344	5655	6001	6315	6458	6555	6529	6307	6006
1/22/2025	5858	5852	5873	5960	6264	6941	7810	8209	8396	8338	8146	8068	7823	7553	7332	7348	7946	8448	8966	9009	8757	8356	7872	7315
1/23/2025	7103	6907	6780	6823	7137	7485	8319	8714	8595	8350	8189	7496	7304	7005	6769	6633	7129	7625	8126	8375	7977	7492	6726	6178
1/24/2025	6055	5676	5839	6083	6639	7303	7906	8479	8719	8328	7268	6212	5548	5173	5041	5039	5205	5546	6347	6904	7006	6939	7008	6699
1/25/2025	6567	6762	6754	7061	7204	7590	8290	8757	8355	7801	6563	5410	4735	4331	4119	4012	4135	4391	4877	5021	5049	5029	4946	4799
1/26/2025	4765	4700	4733	4787	4869	5075	5399	5794	5809	5325	4716	4190	3823	3764	3723	3812	3922	4125	4459	4524	4426	4244	4036	3761
1/27/2025	3655	3597	3603	3662	3903	4328	4972	5320	5193	4673	4181	3933	3795	3763	3774	3877	4066	4218	4474	4483	4321	4063	3687	3356
1/28/2025	3267	3173	3124	3166	3230	3568	4055	4451	4379	4292	4103	3930	3892	3810	3821	3919	4064	4250	4564	4613	4470	4259	3851	3546
1/29/2025	3373	3284	3266	3321	3429	3713	4404	4722	4586	4344	4131	3925	3788	3771	3787	3894	4015	4212	4571	4564	4424	4171	3807	3432
1/30/2025	3263	3099	3048	3101	3258	3641	4270	4747	4605	4243	4010	3820	3806	3939	3965	4161	4292	4431	4701	4613	4434	4167	3783	3428
1/31/2025	3089	2930	2874	2872	2957	3236	3704	4034	4040	3952	3934	3899	3987	4172	4343	4591	4724	4778	4816	4631	4406	4139	3825	3453
2/1/2025	3192	2968	2826	2769	2769	2850	2995	3216	3463	3716	3781	3827	3912	3865	3847	3845	3949	4099	4227	4206	4092	3945	3690	3637
2/2/2025	3090	2905	2791	2734	2720	2789	2941	3160	3478	3744	3900	3924	3985	4050	4235	4343	4421	4602	4825	4827	4549	4208	3827	3479
2/3/2025	3146	2991	2893	2858	2920	3117	3530	3812	3976	4115	4163	4205	4298	4499	4733	4940	5169	5322	5388	5369	4957	4581	4081	3620
2/4/2025	3297	3085	2967	2879	2916	3135	3516	3808	3915	3970	3962	4066	4294	4539	4723	4963	5183	5214	5261	5103	4812	4390	3931	3477
2/5/2025	3148	2919	2779	2715	2782	3005	3437	3678	3641	3557	3716	3904	4182	4508	4734	5026	5215	5293	5332	5159	4820	4488	4049	3625
2/6/2025	3323	3048	2933	2854	2889	3102	3523	3792	3892	3991	4045	4188	4431	4669	4924	5174	5478	5503	5412	5211	4896	4527	4067	3595
2/7/2025	3262	3021	2872	2805	2858	3063	3483	3807	3944	4033	4047	4096	4284	4490	4713	4984	5182	5200	5103	4834	4585	4284	3911	3547
2/8/2025	3241	3005	2873	2788	2798	2854	3056	3248	3587	3759	3941	4145	4382	4641	4933	5182	5342	5381	5135	4863	4553	4260	3919	3560
2/9/2025	3255	3007	2841	2792	2780	2795	2912	3077	3438	3681	3861	4113	4417	4710	5043	5376	5583	5720	5512	4960	4579	4292	4013	3604
2/10/2025	3253	2986	2822	2750	2799	3019	3441	3710	3814	3895	4024	4195	4488	4717	4971	5252	5441	5569	5617	5405	5090	4685	4206	3702

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2/11/2025	3334	3114	2960	2895	2937	3166	3583	3833	3953	4077	4230	4462	4754	4930	5158	5399	5625	5625	5601	5420	5134	4795	4313	3835
2/12/2025	3502	3282	3094	3032	3074	3270	3646	3879	4050	4119	4274	4501	4765	5054	5384	5763	5951	6027	5972	5853	5500	5090	4629	4084
2/13/2025	3691	3425	3276	3204	3222	3453	3879	4229	4489	4620	4864	5187	5471	5906	6092	6235	6220	6142	6003	5840	5384	5065	4547	4062
2/14/2025	3739	3498	3322	3191	3223	3397	3729	3979	4059	4093	4203	4422	4737	4954	5036	5029	5026	4990	4998	4854	4562	4358	4009	3709
2/15/2025	3447	3246	3111	2989	2957	3050	3231	3419	3772	4119	4343	4466	4814	5155	5438	5645	5815	5754	5604	5277	4961	4603	4243	3916
2/16/2025	3623	3336	3147	3027	3020	3086	3235	3452	3850	4175	4556	4966	5169	5362	5295	5028	4737	4607	4645	4503	4302	4037	3666	3342
2/17/2025	3090	2864	2743	2730	2806	2987	3423	3784	3964	3817	3705	3658	3683	3750	3874	4054	4253	4405	4583	4615	4386	4093	3773	3425
2/18/2025	3201	3072	3008	3020	3114	3482	3924	4381	4372	4110	3853	3755	3757	3836	3947	4133	4312	4547	4764	4782	4606	4264	3814	3408
2/19/2025	3118	2936	2837	2807	2884	3073	3496	3739	3927	4089	4069	4241	4345	4445	4572	4671	4707	4784	4937	4921	4693	4428	3931	3495
2/20/2025	3202	3004	2883	2857	2918	3183	3670	4004	4127	4185	4352	4288	4117	3903	3699	3778	4052	4414	4650	4836	4729	4553	4220	3991
2/21/2025	3801	3739	3772	3864	4111	4747	5604	6458	6253	5478	4926	4521	4143	3946	3856	3951	4122	4409	4958	5376	5447	5234	5047	4757
2/22/2025	4345	4340	4253	4218	4254	4453	4757	4977	5057	4807	4486	4124	3951	3816	3756	3820	3941	4114	4286	4279	4223	4023	3796	3600
2/23/2025	3429	3296	3230	3283	3443	3608	3882	4258	4289	3941	3751	3615	3589	3647	3738	3971	4237	4345	4537	4557	4443	4143	3720	3316
2/24/2025	3064	2893	2809	2799	2898	3135	3638	4039	4104	4260	4355	4362	4407	4380	4332	4329	4476	4697	4861	4821	4596	4309	3839	3478
2/25/2025	3222	3056	2917	2902	2989	3236	3831	4185	4205	4243	4177	4045	4032	3923	3828	3843	3995	4215	4510	4633	4456	4205	3801	3406
2/26/2025	3198	3051	3031	3008	3168	3541	4234	4471	4220	3904	3721	3660	3729	3859	4056	4320	4609	4830	4940	4850	4597	4270	3859	3428
2/27/2025	3133	2926	2831	2783	2892	3234	3763	3948	3880	3824	3877	4011	4139	4280	4443	4647	4859	4861	4982	4974	4664	4304	3854	3438
2/28/2025	3192	2940	2817	2778	2841	3072	3663	3915	3845	3786	3746	3725	3785	3918	4115	4388	4694	4771	4664	4538	4256	4020	3708	3423
Leave Row																								
3/1/2025	3179	2994	2908	2867	2887	3122	3431	3548	3758	3638	3570	3477	3581	3770	3896	3946	4100	4153	4192	4228	4047	3819	3596	3326
3/2/2025	3138	2932	2820	2776	2790	2825	3002	3177	3391	3493	3506	3568	3671	3797	3923	4132	4404	4531	4548	4667	4348	4041	3740	3441
3/3/2025	3097	2942	2867	2874	3090	3446	4161	4451	4322	3888	3671	3582	3653	3759	3898	4134	4484	4649	4816	4824	4592	4253	3827	3394
3/4/2025	3125	2908	2813	2795	2882	3110	3649	3854	3846	3759	3774	3891	4042	4145	4310	4580	4735	4919	4964	5043	4808	4514	4119	3723
3/5/2025	3370	3121	2982	2929	2987	3270	3809	4076	4114	4319	4542	4581	4665	4555	4338	4300	4386	4589	4654	4634	4456	4116	3781	3334
3/6/2025	3090	2925	2750	2738	2843	3174	3777	4043	4014	3781	3637	3516	3479	3488	3553	3689	3944	4129	4455	4708	4599	4254	3972	3674
3/7/2025	3432	3286	3298	3364	3522	3979	4643	4856	4574	4088	3791	3523	3472	3541	3656	3884	4172	4344	4438	4326	4227	4034	3787	3422
3/8/2025	3267	3076	3020	2974	3032	3304	3498	3738	3856	3834	3671	3558	3680	3829	3908	4161	4315	4539	4592	4584	4285	4037	3713	3387
3/9/2025	3139	2915	0	2791	2764	2732	2838	3010	3240	3469	3679	3883	4190	4572	4775	4993	5217	5555	5588	5509	5364	4980	4551	3972
3/10/2025	3556	3233	3053	3033	3071	3311	3775	4048	4224	4360	4427	4478	4477	4246	4029	4108	4301	4460	4530	4601	4574	4351	3991	3545
3/11/2025	3197	3013	2871	2817	2880	3142	3613	4081	4172	3918	3693	3528	3516	3514	3552	3723	4008	4445	4649	4756	4727	4352	3870	3429
3/12/2025	3128	2931	2865	2834	2967	3221	3835	4180	4249	3979	3711	3557	3537	3565	3690	3895	4228	4553	4826	4868	4764	4432	3976	3474
3/13/2025	3111	2890	2783	2738	2829	3195	3703	4031	4101	3924	3712	3588	3624	3697	3871	4157	4430	4712	4775	4792	4833	4576	4055	3684
3/14/2025	3239	2984	2819	2750	2783	2988	3445	3802	3958	3883	3814	3773	3874	4067	4330	4677	5045	5394	5483	5247	4996	4662	4237	3802
3/15/2025	3395	3132	2958	2851	2813	2884	3020	3187	3491	3783	4048	4214	4421	4670	4947	5246	5642	5787	5719	5515	5267	4960	4540	4159
3/16/2025	3802	3478	3285	3156	3110	3149	3264	3465	3776	4200	4454	4754	5193	5493	5575	5582	5482	5422	5247	5139	4986	4714	4355	3897
3/17/2025	3496	3224	3001	2911	2891	3014	3285	3545	3710	3672	3629	3558	3538	3502	3526	3649	3791	4003	4146	4244	4285	4127	3775	3306
3/18/2025	3089	2921	2825	2801	2859	3092	3586	3975	4113	3880	3638	3477	3437	3452	3506	3663	3944	4264	4530	4520	4493	4109	3711	3341
3/19/2025	3098	2911	2821	2787	2865	3094	3548	3978	4091	3859	3594	3477	3479	3575	3749	4021	4408	4878	5010	4885	4716	4437	3950	3457
3/20/2025	3100	2871	2731	2684	2766	2972	3304	3577	3728	3679	3632	3667	3730	3873	4053	4375	4662	4746	4543	4455	4407	4183	3855	3450
3/21/2025	3168	2964	2861	2816	2871	3127	3514	3873	4175	4096	3860	3668	3540	3408	3362	3455	3660	3864	4040	4144	4181	4034	3768	3525
3/22/2025	3318	3203	3153	3142	3228	3388	3763	4282	4490	4194	3840	3598	3410	3312	3333	3475	3678	3871	4002	4022	4104	3927	3699	3423

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
3/23/2025	3212	3001	2927	2906	2937	3026	3252	3548	3812	3802	3682	3513	3499	3532	3685	3929	4226	4456	4679	4710	4696	4423	3937	3452
3/24/2025	3109	2872	2751	2726	2811	3023	3435	3733	3814	3823	3917	4076	4260	4373	4602	4859	5149	5556	5477	5432	5254	4874	4344	3881
3/25/2025	3563	3281	3071	2944	2959	3156	3567	3777	3925	4003	4053	4152	4268	4532	4854	5095	5399	5724	5774	5594	5387	4942	4415	3860
3/26/2025	3413	3136	2956	2847	2819	3015	3447	3709	3841	3844	3883	3983	4266	4515	4856	5335	5638	5995	6003	5752	5490	4992	4450	3834
3/27/2025	3413	3121	2940	2860	2839	3090	3559	3779	3824	3895	3949	4073	4275	4545	4902	5234	5572	5823	5743	5472	5315	4909	4413	3893
3/28/2025	3485	3169	2992	2921	2911	3081	3477	3711	3839	3917	3998	4121	4242	4444	4601	4842	5109	5336	5399	5192	4962	4660	4327	3912
3/29/2025	3552	3223	3005	2919	2872	2934	3087	3290	3551	3787	3963	4138	4349	4576	4984	5273	5550	5674	5705	5475	5267	4926	4553	4122
3/30/2025	3761	3440	3235	3145	3099	3117	3239	3437	3689	4116	4523	4825	5123	5219	5534	5704	5806	5822	5568	5414	5282	4970	4563	4019
3/31/2025	3643	3328	3134	3076	3117	3324	3692	3997	4172	4321	4568	4854	5118	5425	5866	6318	6692	6819	6649	6248	5937	5493	4941	4398
4/1/2025	3885	3577	3385	3265	3252	3413	3770	4027	4204	4382	4598	5049	5483	6019	6381	6713	7070	7361	7324	6988	6483	5880	5225	4573
4/2/2025	4058	3722	3517	3408	3378	3579	3968	4206	4419	4621	4951	5356	5859	6211	6576	6975	7243	7453	7455	7002	6777	6348	5656	5043
4/3/2025	4472	4146	3857	3702	3652	3791	4195	4417	4573	4876	5210	5627	5988	6346	6703	7045	7374	7526	7362	6944	6628	6258	5670	5104
4/4/2025	4491	4070	3803	3622	3581	3746	4106	4314	4555	4745	5032	5325	5788	6185	6604	7014	7290	7536	7338	6877	6496	5999	5528	5018
4/5/2025	4605	4120	3802	3598	3466	3409	3482	3605	3951	4342	4840	5247	5631	6038	6346	6607	6788	6922	6883	6543	6272	5935	5421	4923
4/6/2025	4515	4027	3739	3530	3427	3370	3409	3507	3916	4355	4735	5222	5736	6163	6586	6785	7045	7276	7173	6950	6786	6232	5670	5060
4/7/2025	4566	4079	3840	3685	3681	3885	4270	4421	4587	4829	5137	5365	5910	6242	6163	6387	6741	7119	6923	6613	6413	5996	5380	4873
4/8/2025	4475	4043	3804	3555	3554	3686	4074	4255	4261	4326	4165	4097	4163	4162	4319	4552	4871	5123	5168	5154	5120	4736	4348	3779
4/9/2025	3403	3154	2991	2872	2949	3151	3546	3828	3799	3705	3733	3800	3896	4068	4281	4543	4849	5061	5149	5093	5000	4661	4191	3747
4/10/2025	3390	3122	2946	2887	2919	3120	3478	3746	3826	3867	3966	4170	4376	4633	4999	5265	5555	5705	5801	5552	5327	4979	4456	3911
4/11/2025	3507	3220	3047	2934	2941	3144	3503	3675	3793	3835	3952	4059	4304	4524	4849	5172	5586	5761	5809	5468	5172	4911	4490	4055
4/12/2025	3656	3353	3088	2957	2887	2881	3019	3192	3474	3614	3703	3615	3660	3734	3905	4116	4396	4593	4639	4521	4465	4237	3930	3557
4/13/2025	3273	3009	2855	2795	2764	2804	2939	3144	3369	3483	3493	3526	3617	3818	4051	4333	4696	5064	5170	5078	4947	4658	4124	3583
4/14/2025	3210	2942	2790	2725	2787	3028	3414	3682	3723	3724	3825	3949	4155	4420	4814	5255	5757	6174	6336	6214	5877	5234	4640	4010
4/15/2025	3520	3240	3023	2898	2918	3140	3512	3717	3846	3910	4050	4198	4379	4554	4851	5199	5558	5844	6009	5746	5541	5139	4609	4042
4/16/2025	3576	3298	3142	3072	3109	3302	3647	3771	3846	3885	3930	4034	4215	4473	4766	5122	5524	5785	5764	5554	5239	4870	4304	3726
4/17/2025	3328	3048	2874	2786	2834	3033	3409	3612	3723	3728	3822	3934	4128	4395	4825	5343	5794	6153	6148	5820	5468	5047	4531	4009
4/18/2025	3547	3217	3018	2910	2912	3032	3320	3515	3771	3992	4140	4435	4853	5288	5610	5905	6253	6544	6495	6107	5738	5256	4811	4351
4/19/2025	3902	3535	3274	3111	3018	3047	3137	3261	3616	3982	4314	4598	4887	5173	5566	5911	6281	6451	6408	6053	5812	5386	4916	4450
4/20/2025	3967	3618	3317	3132	3055	3027	3094	3237	3575	3951	4202	4489	4896	5308	5691	6063	6408	6553	6499	6160	5886	5493	4979	4343
4/21/2025	3872	3538	3305	3169	3179	3378	3753	3951	4116	4222	4464	4944	5287	5801	6202	6547	6929	7222	6933	6405	6208	5732	5132	4500
4/22/2025	4019	3651	3403	3216	3201	3375	3736	3897	4066	4268	4691	4926	5266	5565	5926	6371	6661	6972	6851	6525	6135	5718	5099	4460
4/23/2025	4052	3645	3404	3237	3226	3379	3710	3929	4106	4342	4663	4985	5462	5992	6448	6854	7154	7353	7237	6808	6431	5984	5307	4701
4/24/2025	4188	3804	3537	3373	3347	3540	3846	3973	4165	4382	4684	5061	5441	5819	6132	6622	6939	7108	7078	6585	6307	5842	5256	4609
4/25/2025	4185	3727	3505	3340	3283	3429	3766	3968	4171	4405	4758	5052	5466	5953	6316	6753	7084	7236	6980	6554	6249	5824	5323	4752
4/26/2025	4243	3838	3529	3354	3243	3276	3369	3516	3863	4212	4606	5031	5445	5842	6264	6673	7087	7232	7148	6805	6322	5829	5331	4802
4/27/2025	4445	3860	3574	3401	3273	3230	3286	3419	3781	4221	4699	5294	5806	6401	6863	7253	7534	7714	7486	7033	6644	6107	5450	4829
4/28/2025	4310	3850	3579	3434	3414	3573	3877	4068	4289	4536	4876	5315	5874	6417	6895	7368	7622	7581	7240	6833	6475	6048	5397	4785
4/29/2025	4307	3949	3695	3545	3497	3670	3846	4042	4421	4675	4938	5261	5674	5935	6224	6481	6615	6705	6661	6408	6054	5638	4988	4377
4/30/2025	3901	3526	3290	3163	3141	3284	3591	3831	3973	4138	4359	4632	4999	5378	5848	6315	6702	7037	6946	6437	6139	5609	5001	4408
5/1/2025	3923	3589	3318	3208	3188	3341	3634	3844	4052	4260	4532	4832	5299	5760	6084	6577	6845	7014	6897	6575	6317	5792	5116	4485
5/2/2025	3948	3607	3387	3222	3165	3325	3633	3833	4021	4298	4593	4936	5383	5803	6166	6601	6902	7025	6842	6448	6126	5615	5133	4674

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
5/3/2025	4208	3903	3659	3477	3370	3348	3424	3578	3957	4395	4815	5215	5625	5932	6190	6400	6530	6636	6571	6189	6007	5678	5199	4735
5/4/2025	4344	3983	3752	3575	3504	3489	3570	3720	3994	4324	4461	4513	4803	5255	5751	6132	6495	6738	6823	6471	6157	5760	5142	4562
5/5/2025	4017	3651	3406	3279	3286	3438	3788	3970	4222	4524	4843	5243	5741	6162	6518	6850	7066	7002	7049	6700	6458	5963	5328	4672
5/6/2025	4192	3823	3564	3394	3376	3512	3799	4053	4271	4542	4957	5517	6038	6464	6895	7279	7573	7739	7592	7213	6870	6301	5561	4927
5/7/2025	4454	4116	3790	3665	3636	3836	4183	4360	4642	5029	5410	5840	6539	6987	7307	7655	8042	8108	7880	7548	7125	6523	5887	5189
5/8/2025	4696	4210	4006	3856	3839	3928	4244	4441	4645	4918	5315	5825	6361	6922	7319	7567	7666	7547	7152	6794	6549	6028	5336	4718
5/9/2025	4290	3932	3698	3597	3567	3720	3991	4200	4562	4982	5473	6005	6494	7001	7480	7745	8014	8073	7497	6708	6213	5777	5293	4815
5/10/2025	4396	4014	3759	3602	3559	3586	3693	3794	4160	4608	4990	5425	5770	6126	6430	6395	6132	5706	5422	5173	5134	4940	4684	4391
5/11/2025	4138	3841	3678	3546	3506	3534	3630	3821	4211	4547	4716	4858	4974	4984	5033	5307	5542	5676	5475	5310	5244	5040	4675	4227
5/12/2025	3870	3612	3490	3419	3432	3642	3971	4195	4374	4550	4683	4780	4932	5012	5092	5171	5449	5943	6078	5851	5677	5360	4824	4319
5/13/2025	3845	3520	3305	3192	3167	3352	3679	3876	4109	4402	4678	5020	5307	5678	5739	5778	6086	6439	6540	6360	6016	5592	5005	4384
5/14/2025	3892	3566	3326	3199	3166	3334	3677	3900	4163	4399	4522	4923	5410	6086	6526	6893	7315	7588	7615	7289	6848	6183	5360	4739
5/15/2025	4200	3806	3525	3363	3330	3497	3822	4008	4287	4569	4962	5522	6162	6694	7215	7720	8147	8347	8284	7908	7410	6786	6002	5232
5/16/2025	4636	4170	3893	3698	3623	3699	3986	4184	4516	4882	5341	5909	6532	7211	7669	8096	8416	8608	8456	7877	7364	6832	6038	5373
5/17/2025	4841	4336	4003	3746	3629	3600	3651	3792	4223	4690	5255	5911	6615	7050	7469	7804	8064	8118	7908	7725	7296	6757	6110	5439
5/18/2025	4964	4499	4189	3959	3779	3705	3717	3828	4284	4795	5420	6084	6889	7428	7817	8083	8338	8472	8368	8012	7628	7062	6345	5551
5/19/2025	5013	4585	4304	4109	4056	4158	4417	4624	4927	5355	5884	6527	7180	7659	8195	8474	8763	8844	8716	8421	8080	7508	6805	5978
5/20/2025	5374	4899	4537	4290	4198	4307	4557	4756	5113	5540	6030	6705	7304	7907	8283	8659	8944	9115	8948	8684	8134	7435	6649	5795
5/21/2025	5211	4754	4431	4231	4122	4338	4650	4777	5089	5544	6029	6633	7467	7791	8096	8501	8683	8794	8689	8295	7843	7406	6760	5942
5/22/2025	5454	5015	4721	4511	4541	4641	5014	5192	5477	5751	6046	6325	6858	7306	7676	7819	7826	7676	7331	6983	6632	6207	5527	5022
5/23/2025	4530	4151	3881	3692	3643	3777	4027	4228	4552	4998	5539	6075	6662	7212	7664	8051	8457	8676	8343	7840	7272	6838	6199	5567
5/24/2025	5096	4651	4275	4064	3920	3890	3892	4058	4571	5174	5831	6473	7121	7653	8058	8121	8076	8013	7520	7006	6596	6106	5538	5033
5/25/2025	4593	4246	3925	3760	3651	3631	3668	3846	4351	4964	5604	6248	6805	7227	7507	7588	7665	7384	6920	6527	6164	5894	5436	4949
5/26/2025	4525	4199	3961	3809	3740	3750	3789	3926	4414	5063	5779	6361	6980	7386	7810	8187	8360	8469	8167	7775	7264	6785	6094	5428
5/27/2025	4874	4443	4153	3973	3962	4106	4372	4623	5034	5586	6305	6974	7378	7843	8216	8643	8864	8945	8463	7867	7223	6630	6036	5458
5/28/2025	4997	4608	4366	4201	4118	4213	4439	4600	4967	5481	6116	6712	7205	7651	8032	8359	8601	8715	8586	8171	7630	7043	6296	5672
5/29/2025	5111	4703	4418	4208	4155	4249	4499	4713	5109	5589	6178	6922	7405	7837	8266	8414	8615	8425	7697	7133	6796	6431	5910	5348
5/30/2025	4885	4525	4274	4106	4045	4220	4394	4696	5024	5481	5861	6138	6645	7045	7386	7490	7391	7522	7355	6906	6603	6398	5896	5437
5/31/2025	5056	4731	4501	4310	4236	4202	4147	4096	4269	4518	4724	4887	4989	5107	5397	5682	6043	6338	6457	6325	5972	5661	5206	4727
6/1/2025	4278	3883	3662	3466	3343	3310	3326	3451	3831	4255	4692	5227	5720	6247	6743	7117	7399	7616	7584	7326	6926	6459	5756	5116
6/2/2025	4599	4208	3933	3787	3754	3784	3970	4143	4395	4772	5117	5506	5818	5980	6150	6243	6507	6523	6453	6318	6169	5894	5392	4851
6/3/2025	4362	3953	3743	3625	3622	3755	3980	4132	4427	4711	5082	5598	6084	6416	6483	6518	6530	6358	6115	5884	5749	5569	5131	4683
6/4/2025	4287	3987	3804	3693	3685	3830	4048	4247	4540	4840	5205	5585	5804	5981	5790	5621	5664	5725	5785	5644	5571	5398	4985	4568
6/5/2025	4178	3893	3673	3580	3582	3743	3996	4218	4525	4894	5274	5872	6476	6924	7299	7557	7792	8006	7837	7458	7059	6596	6054	5460
6/6/2025	4957	4560	4285	4086	4042	4080	4247	4508	4939	5382	5993	6537	7091	7463	7789	8061	8384	8496	8323	7747	7316	6919	6391	5847
6/7/2025	5310	4872	4525	4283	4156	4118	4149	4293	4790	5319	5862	6407	6959	7522	7819	8055	8356	8402	8423	8031	7580	7034	6443	5883
6/8/2025	5394	4971	4673	4429	4281	4184	4187	4303	4838	5460	6110	6630	7133	7485	7778	7961	8113	8273	8095	7784	7454	7079	6417	5773
6/9/2025	5283	4824	4475	4239	4166	4309	4527	4779	5161	5626	6324	6841	7369	7787	8145	8462	8683	8883	8681	8203	7540	7028	6354	5707
6/10/2025	5250	4875	4558	4362	4321	4387	4577	4803	5097	5439	5877	6431	6859	7309	7914	8404	8821	8895	8508	7746	7004	6462	5859	5252
6/11/2025	4766	4405	4111	3971	3917	4001	4249	4486	4873	5335	6011	6720	7288	7789	8210	8228	8247	8034	7483	6859	6614	6182	5668	5113
6/12/2025	4719	4328	4086	3941	3922	4031	4271	4517	4913	5445	5981	6709	7301	7786	8197	8385	8142	7826	7458	7007	6681	6368	5904	5379

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
6/13/2025	4951	4597	4358	4185	4122	4173	4367	4618	5019	5504	5972	6566	7115	7657	7983	8091	8258	8328	8107	7776	7491	7036	6409	5857
6/14/2025	5398	4940	4691	4444	4310	4262	4243	4409	4921	5517	5986	6723	7300	7682	8050	8358	8676	8638	8489	7847	7433	7027	6411	5911
6/15/2025	5451	4985	4671	4437	4318	4224	4203	4350	4735	5317	5859	6418	7022	7444	7666	7813	8044	8145	7972	7523	7051	6660	6077	5523
6/16/2025	5080	4703	4416	4268	4223	4279	4503	4753	5042	5461	5987	6481	7107	7528	7894	8296	8529	8729	8668	8336	7933	7533	6751	6208
6/17/2025	5419	4925	4627	4433	4365	4427	4572	4787	5161	5846	6342	6886	7367	7947	8173	8434	8866	8968	8831	8293	7908	7355	6643	5920
6/18/2025	5437	4998	4734	4456	4394	4460	4639	4837	5173	5634	6249	6823	7519	7922	8234	8356	8459	8637	8488	8044	7643	7304	6728	6090
6/19/2025	5587	5134	4828	4602	4506	4530	4671	4838	5239	5734	6339	7014	7635	7823	7990	7883	7532	7216	6862	6537	6417	6235	5760	5325
6/20/2025	4901	4595	4355	4160	4094	4164	4286	4524	4943	5378	5891	6549	7033	7362	7316	7387	7341	7025	6555	6297	5941	5713	5315	4913
6/21/2025	4543	4185	3957	3781	3692	3707	3762	3927	4458	5082	5797	6386	6923	7155	7426	7714	7742	7696	7529	7195	6875	6641	5990	5432
6/22/2025	4980	4601	4253	4057	3961	3928	3925	4174	4698	5365	5958	6603	7151	7489	7746	7936	7920	7785	7440	6991	6855	6591	5949	5530
6/23/2025	4956	4364	4092	3939	3915	4028	4282	4610	5052	5611	6229	6843	7391	7754	8059	8288	8318	8344	8230	7837	7577	6984	6281	5443
6/24/2025	4929	4503	4216	4074	4002	4087	4251	4505	4920	5446	6035	6672	7210	7688	8004	8344	8605	8822	8757	8317	7964	7523	6837	6005
6/25/2025	5298	4814	4503	4274	4204	4240	4419	4662	5062	5608	6187	6841	7371	7828	8152	8463	8793	8919	8828	8307	7727	7077	6504	5611
6/26/2025	5109	4684	4349	4132	4086	4170	4334	4518	4930	5465	6012	6675	7234	7672	7949	8083	7904	7515	7188	6896	6570	6062	5636	5073
6/27/2025	4652	4302	4040	3908	3853	3945	4128	4381	4806	5290	5941	6498	7018	7389	7787	8028	7821	7404	6927	6632	6264	5906	5507	5006
6/28/2025	4580	4234	3988	3854	3750	3757	3819	3986	4445	4993	5529	6296	6888	7172	7368	7391	6806	6650	6633	6518	6376	6131	5728	5097
6/29/2025	4697	4336	4077	3858	3763	3750	3801	3926	4385	4891	5426	6051	6777	7071	7024	6549	6080	5748	5517	5345	5288	5206	4890	4459
6/30/2025	4111	3847	3676	3557	3566	3717	3944	4155	4475	4760	5032	5245	5522	5949	6256	6435	6756	7076	7044	6755	6470	6205	5665	5023
7/1/2025	4500	4177	3918	3768	3687	3774	3948	4153	4530	4928	5512	6103	6613	7127	7461	7678	7893	8051	7905	7339	6954	6526	5872	5259
7/2/2025	4844	4493	4214	4044	4031	4148	4313	4488	4788	5240	5751	6125	6587	6915	6893	6897	7034	7098	7084	6782	6514	6172	5672	5148
7/3/2025	4770	4455	4222	4080	4031	4088	4268	4434	4737	5052	5498	5948	6458	6768	7050	7168	7317	7124	6852	6475	6258	5904	5562	5117
7/4/2025	4662	4351	4096	3962	3863	3846	3912	4013	4293	4775	5350	5936	6518	6886	7022	7071	7097	7020	6616	6258	5944	5575	5252	4842
7/5/2025	4481	4131	3904	3709	3657	3691	3714	3826	4241	4680	5215	5729	6285	6798	7157	7148	7015	6767	6521	6327	6197	5860	5529	5040
7/6/2025	4611	4289	4043	3927	3834	3833	3829	3911	4421	4955	5606	6048	6591	7012	7183	7445	7614	7702	7524	7248	6947	6557	5979	5351
7/7/2025	4906	4550	4287	4136	4100	4216	4447	4712	5161	5601	6135	6566	7049	7348	7305	7412	7877	8173	8209	7873	7478	6979	6401	5746
7/8/2025	5195	4846	4546	4335	4272	4359	4512	4679	5065	5525	6108	6717	7252	7789	8112	8372	8593	8746	8581	8174	7705	7203	6628	5984
7/9/2025	5446	5006	4710	4466	4342	4423	4566	4757	5086	5611	6236	6860	7402	7841	8206	8516	8624	8362	7709	7296	6976	6576	6053	5445
7/10/2025	4967	4622	4347	4208	4151	4192	4384	4588	5021	5413	5980	6717	7301	7878	8198	8469	8792	8866	8623	8077	7838	7399	6683	5964
7/11/2025	5423	4984	4644	4409	4302	4326	4437	4617	4967	5496	6142	6809	7373	7908	8294	8553	8771	8885	8621	8074	7632	7190	6634	6078
7/12/2025	5561	5086	4749	4467	4275	4227	4251	4344	4807	5477	6100	6798	7349	7805	8039	7979	7760	7525	7283	7007	6641	6330	5962	5496
7/13/2025	5094	4708	4415	4229	4087	4045	4047	4246	4800	5392	6126	6590	7128	7533	7695	7932	7994	7884	7704	7275	7122	6777	6325	5660
7/14/2025	5108	4749	4475	4341	4321	4453	4682	4865	5180	5627	6026	6380	6913	7411	7903	7960	7754	7505	7007	6435	6132	5882	5472	4962
7/15/2025	4581	4279	4050	3916	3893	4023	4255	4468	4724	5057	5403	5756	6065	6366	6415	6555	6800	6987	6938	6653	6406	6029	5594	5054
7/16/2025	4620	4309	4059	3933	3928	4100	4330	4634	4947	5313	5925	6369	7033	7422	7825	7975	8054	7856	7318	6862	6623	6263	5748	5194
7/17/2025	4775	4448	4244	4123	4124	4211	4453	4693	5091	5604	6254	6907	7441	7985	8405	8601	8405	8446	8111	7758	7476	7091	6425	5748
7/18/2025	5245	4886	4559	4382	4301	4401	4549	4752	5138	5858	6514	7233	7818	8340	8593	8913	9187	9468	9401	8911	8457	8000	7428	6689
7/19/2025	6053	5543	5217	4918	4736	4663	4646	4722	5170	5838	6574	7272	7892	8307	8629	8911	9083	9382	9101	8523	8039	7549	7033	6370
7/20/2025	5830	5411	5048	4797	4627	4536	4456	4565	5130	5786	6482	7312	7986	8461	8750	8851	8965	8958	8832	8540	7981	7537	7001	6246
7/21/2025	5680	5205	4936	4723	4639	4714	4866	5123	5560	6234	6985	7686	8152	8673	8892	9162	9147	8877	8566	8220	7815	7479	6959	6229
7/22/2025	5644	5261	4965	4775	4714	4826	5000	5206	5575	5979	6365	6693	6948	7039	6992	7123	7493	7900	8081	8025	7524	7200	6551	5838
7/23/2025	5348	4978	4730	4563	4506	4571	4758	4891	5199	5642	6199	6779	7150	7451	7753	7782	7687	7288	6831	6401	6231	5947	5479	5001

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
7/24/2025	4653	4330	4137	3979	3947	4068	4328	4544	4953	5409	5994	6546	7163	7744	8284	8494	8590	8483	8261	7716	7284	6849	6326	5642
7/25/2025	5160	4820	4553	4364	4366	4447	4598	4805	5213	5755	6396	6979	7632	8060	8296	8575	8665	8723	8435	7988	7518	7107	6437	5798
7/26/2025	5356	4987	4652	4420	4264	4248	4264	4398	4889	5497	6190	6922	7597	8069	8566	8840	9193	9336	9280	8862	8420	7942	7233	6581
7/27/2025	6102	5599	5113	4824	4678	4542	4546	4612	5171	5827	6798	7518	8164	8777	9093	9433	9497	9664	9507	9197	8748	8185	7506	6844
7/28/2025	6021	5628	5196	5032	4950	5024	5162	5345	5771	6465	7301	8073	8692	9195	9502	9716	9714	9697	9458	9198	8831	8286	7525	6749
7/29/2025	6197	5753	5344	5085	4949	5033	5202	5362	5791	6522	7347	8157	8774	9130	9296	9546	9471	9407	9236	8783	8270	7669	7035	6383
7/30/2025	5800	5348	4983	4745	4653	4722	4890	5056	5442	6088	6666	7470	8130	8668	9091	9389	9678	9770	9549	9159	8592	8052	7305	6570
7/31/2025	6052	5552	5248	5057	4903	4971	5137	5343	5764	6428	7183	7771	8282	8678	8898	9233	9443	9550	9380	9028	8567	8158	7533	6858
8/1/2025	6197	5744	5311	5070	4950	5007	5210	5333	5957	6554	7112	7854	8524	8872	9077	9090	8882	8741	8504	8202	7916	7394	6654	6188
8/2/2025	5741	5225	4866	4648	4510	4482	4514	4621	5067	5718	6458	7083	7541	7895	8141	8422	8591	8555	8458	7837	7586	7238	6813	6253
8/3/2025	5707	5180	4850	4646	4525	4442	4447	4541	5013	5712	6413	7073	7633	8013	8261	8586	8861	9041	8863	8529	8085	7529	6993	6364
8/4/2025	5811	5341	5010	4825	4735	4808	4971	5125	5575	6237	6974	7672	8120	8459	8702	8994	9047	8831	8625	8164	7757	7218	6597	5939
8/5/2025	5430	4904	4616	4390	4358	4404	4600	4806	5296	5790	6402	6969	7625	8265	8735	9166	9370	9537	9218	8591	8108	7300	6502	5882
8/6/2025	5381	4881	4566	4338	4262	4400	4597	4660	5062	5558	6340	6981	7674	8018	8310	8494	8193	8179	7911	7590	7242	6929	6356	5777
8/7/2025	5126	4754	4475	4309	4246	4353	4541	4732	5114	5596	6149	6743	7523	7986	8252	8384	8415	8149	7745	7337	7035	6660	6202	5609
8/8/2025	5032	4685	4468	4280	4251	4391	4618	4725	5036	5424	6079	6644	7102	7626	7899	7902	7541	7161	6680	6341	6199	5870	5479	5006
8/9/2025	4752	4425	4170	4035	3947	3959	4055	4204	4645	5160	5851	6469	6979	7198	7259	7414	7347	7154	6700	6294	6135	5875	5588	5127
8/10/2025	4785	4448	4209	4048	3969	3924	3975	4060	4498	4924	5479	6047	6593	7037	7390	7576	7358	7325	6912	6507	6334	5951	5541	5024
8/11/2025	4642	4379	4185	4109	4124	4301	4582	4688	4915	5298	5771	6344	6959	7575	7944	8295	8574	8777	8525	8150	7727	7108	6446	5809
8/12/2025	5285	4925	4728	4569	4539	4681	4908	5038	5373	5862	6396	6934	7551	8045	8396	8600	8733	8689	8507	8072	7786	7221	6680	6010
8/13/2025	5558	5201	4982	4808	4708	4795	4995	5070	5335	5810	6422	7054	7543	8235	8557	8828	9045	9222	8918	8543	8060	7553	6899	6187
8/14/2025	5642	5277	4990	4803	4770	4864	5128	5238	5605	6135	6705	7527	7889	8322	8475	8734	9059	9183	8936	8500	8073	7520	6865	6176
8/15/2025	5596	5281	4954	4788	4717	4854	5050	5172	5566	6136	6909	7571	8128	8601	8865	9261	9108	8744	8420	7952	7639	7278	6805	6071
8/16/2025	5581	5231	4938	4728	4600	4603	4633	4714	5127	5706	6389	7053	7815	8391	8702	8816	8886	8827	8503	8017	7562	7073	6406	5823
8/17/2025	5359	4980	4706	4489	4367	4328	4352	4453	4840	5391	6141	6729	7413	7678	7937	8071	8016	7965	7771	7397	7132	6751	6011	5431
8/18/2025	5054	4739	4517	4406	4389	4571	4811	4980	5303	5809	6503	7110	7825	8232	8400	8520	8622	8425	8098	7570	7279	6745	6134	5540
8/19/2025	5139	4760	4538	4406	4384	4535	4828	4953	5284	5798	6334	6951	7565	8093	8345	8308	8113	8129	8204	7943	7605	6948	6275	5612
8/20/2025	5171	4841	4580	4387	4342	4514	4784	4882	5184	5738	6367	6996	7477	7835	8038	8174	8335	8522	8554	8187	7761	7102	6509	5715
8/21/2025	5244	4876	4629	4467	4439	4605	4862	4995	5316	5823	6517	7086	7778	8154	8416	8336	8335	8431	8149	7682	7209	6743	6159	5528
8/22/2025	5108	4720	4532	4392	4395	4568	4845	4962	5246	5584	5951	6086	6167	6180	6305	6413	6867	7092	7134	6855	6553	6193	5751	5288
8/23/2025	4910	4586	4336	4190	4123	4126	4241	4359	4748	5153	5490	5673	5549	5441	5545	5615	5793	5945	6050	5766	5807	5522	5245	4827
8/24/2025	4535	4262	4061	3915	3875	3854	3924	4002	4431	5068	5595	6171	6566	6544	6327	6110	6030	6030	5994	5892	5909	5612	5223	4736
8/25/2025	4450	4182	4017	3934	3960	4174	4481	4672	4868	5179	5591	6007	6430	6462	6348	6377	6443	6479	6430	6345	6238	5928	5450	4886
8/26/2025	4520	4235	3998	3886	3928	4125	4431	4595	4795	5156	5593	6014	6331	6514	6655	6911	7182	7220	7086	6907	6580	6136	5562	4980
8/27/2025	4518	4249	4037	3922	3943	4047	4335	4455	4649	4944	5347	5909	6466	7061	7642	8089	8293	8492	8341	7833	7363	6757	6148	5453
8/28/2025	4967	4550	4256	4074	4092	4273	4545	4651	5017	5590	5958	6578	7210	7765	8035	8272	8347	8334	7980	7547	7166	6571	5936	5325
8/29/2025	4819	4467	4222	4042	4011	4179	4443	4598	4834	5225	5707	6329	6936	7422	7776	8044	7868	7621	7212	6920	6648	6287	5845	5322
8/30/2025	4913	4539	4282	4069	3978	3966	4023	4156	4491	4930	5462	6104	6620	7168	7464	7490	7302	7026	6722	6457	6293	5956	5500	4995
8/31/2025	4633	4337	4113	3963	3955	3922	3995	4105	4458	4889	5324	5723	5719	5649	5944	6373	6854	7117	6986	6395	6167	5812	5434	4983
9/1/2025	4554	4185	3963	3820	3778	3800	3877	3985	4259	4789	5336	5826	6220	6520	6777	6976	7197	7165	6909	6728	6508	6019	5488	4957
9/2/2025	4515	4167	3918	3806	3815	4020	4297	4447	4611	4946	5445	6001	6576	7016	7430	7781	7862	7878	7703	7388	6988	6619	6056	5360

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
9/3/2025	4857	4453	4159	3984	3953	4145	4444	4588	4769	5074	5516	5969	6548	6980	7319	7519	7615	7565	7415	7119	6882	6442	5903	5253
9/4/2025	4772	4430	4204	4039	3973	4164	4453	4576	4768	5166	5640	6190	6659	7040	7482	7725	7900	7993	7845	7463	7108	6587	6031	5436
9/5/2025	4936	4563	4267	4129	4105	4251	4542	4648	4912	5296	5874	6468	7078	7630	7790	8040	8139	8052	7657	7149	6878	6357	5862	5330
9/6/2025	4954	4629	4394	4214	4137	4099	4211	4283	4639	5239	5891	6509	7179	7600	8011	8234	8212	7665	7303	6855	6505	6009	5617	5173
9/7/2025	4847	4539	4311	4131	4048	4031	4066	4157	4585	5177	5838	6304	6646	6961	7157	7183	7421	7501	7354	7167	6830	6259	5630	5061
9/8/2025	4616	4324	4057	3966	3992	4186	4523	4663	4811	5104	5461	5854	6468	6816	6884	6773	6509	6432	6465	6365	6200	5824	5339	4828
9/9/2025	4492	4179	4024	3982	3995	4152	4453	4579	4699	4873	5168	5511	5865	6085	6267	6310	6167	6088	5989	5904	5823	5505	5028	4513
9/10/2025	4192	3889	3740	3639	3682	3853	4168	4317	4394	4607	4962	5268	5696	6079	6464	6913	7196	7194	6969	6766	6465	6047	5397	4813
9/11/2025	4381	4023	3803	3688	3660	3792	4089	4205	4359	4638	4950	5396	5930	6334	6739	7073	7292	7270	7084	6806	6597	6048	5527	4985
9/12/2025	4567	4233	4015	3872	3841	3987	4238	4411	4498	4762	5130	5597	5968	6301	6709	6845	6988	6938	6637	6210	5974	5623	5177	4723
9/13/2025	4340	3980	3773	3630	3518	3470	3519	3619	3943	4392	4846	5279	5735	6089	6432	6845	7175	7144	6818	6314	5908	5497	5093	4626
9/14/2025	4163	3852	3624	3492	3400	3387	3441	3506	3861	4300	4801	5377	5890	6341	6686	7113	7266	7368	7068	6704	6242	5741	5164	4570
9/15/2025	4163	3829	3603	3430	3411	3590	3854	4051	4249	4547	4918	5398	5940	6410	6807	7199	7528	7767	7571	7082	6580	6013	5443	4845
9/16/2025	4445	4109	3897	3733	3727	3869	4197	4331	4865	5370	5658	6010	6673	7259	7569	7729	7870	7910	7492	6995	6593	6038	5484	4926
9/17/2025	4507	4209	3996	3841	3800	3960	4249	4368	4515	4739	5105	5600	6148	6485	6654	6770	6935	6710	6452	6269	5952	5456	4962	4457
9/18/2025	4128	3856	3654	3519	3550	3723	3996	4160	4328	4568	4990	5533	5980	6381	6750	7075	7269	7479	7317	6998	6755	6121	5562	4974
9/19/2025	4556	4175	3925	3730	3667	3800	4038	4202	4359	4722	5105	5575	6195	6811	7206	7567	7846	7918	7672	7073	6617	6162	5710	5207
9/20/2025	4747	4325	3992	3768	3694	3658	3753	3832	4241	4744	5284	5805	6419	6920	7310	7610	7794	7791	7532	7050	6689	6142	5653	5126
9/21/2025	4709	4379	4092	3858	3735	3690	3719	3785	4143	4638	5189	5731	6308	6866	7281	7552	7803	7872	7658	7370	7034	6458	5803	5190
9/22/2025	4772	4409	4107	3940	3980	4165	4411	4507	4689	4990	5403	5864	6433	7077	7457	7847	8175	8313	8102	7776	7463	6793	5967	5336
9/23/2025	4861	4499	4256	4142	4133	4299	4525	4630	4793	5160	5698	6194	6751	7281	7758	8041	8175	8183	7895	7375	7027	6505	5778	5152
9/24/2025	4678	4361	4070	3964	3944	4120	4370	4522	4678	5024	5572	6194	6764	7474	7962	8314	8527	8489	8379	7852	7515	7036	6294	5584
9/25/2025	5127	4795	4500	4332	4258	4407	4699	4845	5049	5399	5903	6513	7059	7501	7829	8105	7927	7824	7643	7346	6997	6516	5870	5166
9/26/2025	4785	4448	4223	4092	4075	4213	4463	4614	4843	5256	5820	6530	6988	7448	7749	8067	8063	7912	7394	6965	6638	6234	5753	5306
9/27/2025	4897	4567	4318	4112	4037	4062	4116	4224	4559	4979	5399	5780	6066	6108	6329	6736	7123	7265	7137	6664	6276	5817	5378	4956
9/28/2025	4574	4291	4037	3850	3775	3759	3823	3915	4290	4861	5510	6146	6731	7260	7322	7492	7657	7567	7368	6910	6628	5978	5477	4894
9/29/2025	4529	4198	3955	3875	3917	4075	4419	4582	4697	4980	5377	5793	6255	6624	7015	7102	7250	7218	7055	6883	6534	6056	5536	4973
9/30/2025	4565	4263	4061	3936	3981	4138	4415	4568	4666	4879	5093	5351	5714	6042	6325	6596	6800	6856	6843	6663	6492	5888	5376	4871
10/1/2025	4444	4144	3907	3803	3786	3942	4253	4386	4456	4721	5102	5532	6002	6449	6812	7035	7244	7287	6992	6719	6440	6059	5495	4990
10/2/2025	4531	4219	3971	3809	3821	4030	4314	4477	4625	4850	5184	5393	5552	5611	5678	5928	6292	6387	6294	6123	5942	5530	5037	4549
10/3/2025	4168	3891	3714	3619	3654	3876	4184	4357	4447	4700	4991	5267	5611	5943	6186	6390	6497	6347	6146	5939	5704	5341	4997	4558
10/4/2025	4207	3931	3726	3574	3518	3537	3640	3804	4080	4485	4866	5193	5519	5822	6005	6049	6039	5931	5706	5689	5503	5243	4921	4544
10/5/2025	4230	3942	3751	3638	3564	3586	3677	3805	4203	4672	5172	5596	5989	6300	6556	6737	6781	6675	6294	6234	6050	5679	5252	4716
10/6/2025	4382	4086	3943	3836	3863	4123	4431	4679	4845	5113	5414	5646	5994	6098	6197	6354	6531	6597	6536	6412	6253	5897	5405	4893
10/7/2025	4472	4169	3952	3865	3899	4126	4472	4650	4808	5125	5525	5834	6155	6439	6501	6629	6838	6856	6714	6524	6239	5824	5302	4758
10/8/2025	4355	4053	3822	3682	3645	3833	4154	4294	4427	4741	5161	5578	6045	6477	6924	7276	7588	7622	7386	7086	6620	6080	5483	4922
10/9/2025	4497	4180	3944	3808	3805	3965	4290	4444	4617	4899	5266	5684	6101	6298	6512	6721	6851	6788	6524	6367	6041	5662	5189	4728
10/10/2025	4383	4081	3863	3776	3766	3907	4239	4455	4566	4715	4811	4863	5071	5438	5782	6062	6195	6123	5979	5745	5556	5240	4878	4456
10/11/2025	4100	3845	3639	3534	3467	3494	3576	3697	3945	4185	4407	4529	4603	4608	4669	4688	4767	4734	4649	4731	4613	4406	4171	3856
10/12/2025	3558	3302	3093	2961	2890	2909	2990	3131	3365	3628	3799	4036	4355	4691	5074	5408	5704	5916	5637	5381	5129	4729	4327	3825
10/13/2025	3508	3189	2997	2910	2919	3072	3346	3519	3693	3830	4004	4220	4579	4944	5150	5481	6028	6353	6125	5897	5511	5043	4510	3948

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
10/14/2025	3580	3313	3126	2999	3012	3204	3530	3707	3807	3977	4116	4405	4770	5153	5550	5939	6291	6397	6296	5974	5624	5198	4673	4108
10/15/2025	3629	3343	3156	3054	3061	3228	3556	3776	3899	4026	4225	4246	4769	5010	5310	5634	5932	6124	6034	5914	5568	5156	4690	4165
10/16/2025	3736	3420	3207	3099	3095	3241	3570	3751	3859	3980	4192	4463	4949	5356	5708	6062	6342	6371	6205	5957	5588	5183	4753	4218
10/17/2025	3811	3558	3398	3267	3299	3465	3774	3970	4120	4280	4544	4793	5080	5394	5621	5848	6059	6017	5736	5496	5174	4830	4454	4014
10/18/2025	3647	3353	3080	2962	2886	2929	3084	3214	3481	3706	3919	4163	4539	4885	5184	5465	5743	5855	5638	5312	5037	4678	4332	3935
10/19/2025	3610	3324	3135	2980	2914	2930	3000	3165	3466	3820	4193	4580	5076	5608	5958	6196	6264	6120	5818	5511	5223	4889	4492	3977
10/20/2025	3570	3300	3148	3063	3096	3287	3631	3847	3979	4137	4371	4657	4999	5308	5654	5935	6209	6340	6335	6146	5685	5180	4651	4115
10/21/2025	3709	3361	3161	3044	3026	3226	3611	3855	3945	4096	4396	4868	5349	5768	6169	6656	6965	7077	6828	6450	6046	5570	5028	4475
10/22/2025	4052	3748	3520	3398	3361	3515	3855	4053	4149	4274	4383	4601	4987	5436	5855	6190	6466	6674	6351	5942	5590	5126	4576	4035
10/23/2025	3649	3341	3168	3061	3059	3251	3628	3816	3898	3961	4107	4245	4599	4996	5405	5807	6041	6108	5790	5637	5324	4859	4441	3883
10/24/2025	3492	3238	3045	2918	2906	3058	3360	3591	3729	3847	4003	4161	4454	4747	5063	5425	5726	5771	5545	5342	5098	4745	4380	4002
10/25/2025	3641	3372	3167	3024	2969	3011	3122	3279	3553	3824	4103	4355	4645	4944	5249	5554	5776	5814	5472	5333	5051	4776	4447	4056
10/26/2025	3725	3458	3251	3123	3044	3081	3170	3380	3689	4128	4527	4898	5245	5441	5721	5776	5834	5770	5688	5640	5404	5068	4723	4254
10/27/2025	3898	3619	3436	3370	3403	3583	3942	4213	4339	4504	4768	5178	5645	6083	6461	6716	6617	6134	5846	5644	5346	4967	4540	4034
10/28/2025	3729	3495	3215	3137	3172	3352	3713	3968	4087	4176	4293	4435	4545	4725	5028	5332	5549	5693	5580	5440	5149	4748	4280	3786
10/29/2025	3460	3194	3025	2952	2951	3157	3481	3724	3783	3836	3886	4042	4278	4549	4791	5068	5372	5569	5561	5465	5191	4767	4310	3857
10/30/2025	3537	3285	3070	2956	2922	3083	3381	3588	3602	3568	3541	3522	3580	3696	3858	4075	4316	4404	4419	4526	4383	4156	3804	3443
10/31/2025	3125	2928	2794	2722	2785	2983	3376	3623	3701	3633	3492	3453	3442	3426	3492	3708	3988	4119	4026	3927	3804	3715	3524	3274
11/1/2025	3067	2924	2823	2772	2777	2857	3094	3338	3579	3612	3487	3413	3362	3414	3482	3686	3923	4108	4210	4210	4058	3819	3538	3264
11/2/2025	3031	5616	2657	2659	2691	2819	2958	3225	3439	3504	3533	3702	3854	4034	4346	4582	4639	4683	4877	4682	4395	4070	3651	3315
11/3/2025	3073	2879	2790	2770	2804	3059	3480	3697	3667	3658	3666	3754	3883	4026	4204	4398	4611	4758	4941	4680	4303	4022	3566	3229
11/4/2025	2995	2889	2786	2769	2842	3113	3668	3948	3798	3534	3494	3554	3767	4007	4280	4473	4678	4908	5018	4758	4516	4232	3825	3410
11/5/2025	3177	2965	2837	2800	2869	3123	3565	3764	3778	3810	3875	3997	4407	4663	4922	5182	5354	5463	5413	5038	4738	4432	3952	3597
11/6/2025	3307	3084	2952	2815	2844	3137	3489	3706	3820	3928	3985	4090	4193	4241	4317	4431	4544	4714	4849	4708	4508	4279	3867	3508
11/7/2025	3247	3030	2911	2883	2913	3121	3479	3759	3817	4077	4313	4599	4857	5219	5493	5722	5793	5755	5553	5141	4846	4546	4178	3812
11/8/2025	3568	3296	3144	3020	2985	3050	3193	3408	3758	4132	4447	4838	5282	5739	6076	6302	6297	6081	5831	5559	5145	4888	4572	4215
11/9/2025	4064	3654	3477	3315	3317	3343	3422	3698	4128	4467	4832	5057	5371	5546	5573	5419	5347	5349	5426	5215	4940	4696	4294	3912
11/10/2025	3563	3363	3254	3168	3173	3320	3598	3725	3780	3642	3610	3562	3622	3657	3728	3901	4049	4321	4546	4478	4313	4136	3829	3611
11/11/2025	3421	3328	3356	3440	3673	4137	5053	5579	5506	5010	4652	4316	4103	3932	3926	4019	4353	4821	5199	5304	5290	5055	4811	4550
11/12/2025	4399	4371	4383	4452	4774	5178	5822	6048	5379	4712	4180	3811	3666	3550	3573	3704	3947	4334	4594	4649	4586	4397	4068	3879
11/13/2025	3720	3680	3701	3765	3917	4316	5030	5110	4764	4201	3844	3649	3611	3611	3738	3925	4150	4450	4697	4586	4317	4058	3698	3378
11/14/2025	3240	3084	3020	3064	3203	3504	4066	4342	4105	3858	3712	3638	3690	3769	3901	4078	4269	4351	4387	4257	4117	3922	3603	3386
11/15/2025	3170	3033	2958	2952	2968	3090	3330	3567	3722	3693	3645	3641	3757	3928	4166	4382	4504	4478	4464	4254	4030	3831	3592	3319
11/16/2025	3132	2963	2844	2777	2827	2895	3070	3267	3453	3548	3648	3769	3872	4012	4211	4423	4607	4645	4733	4534	4314	4076	3732	3359
11/17/2025	3128	2957	2854	2783	2844	3084	3510	3753	3866	3849	3887	4012	4283	4540	4720	4869	5091	5091	5106	4804	4525	4187	3779	3386
11/18/2025	3110	2930	2816	2785	2883	3155	3636	3876	3807	3822	3855	3925	4177	4430	4704	4950	5114	5178	5221	4933	4577	4238	3860	3487
11/19/2025	3203	3003	2882	2787	2827	3054	3470	3679	3719	3720	3807	3894	4122	4478	4823	5096	5196	5256	5097	4861	4611	4288	3880	3462
11/20/2025	3185	2974	2853	2843	2893	3107	3470	3698	3760	3817	3913	4101	4379	4680	4974	5253	5389	5416	5222	4984	4741	4460	4000	3562
11/21/2025	3301	3127	2965	2901	2915	3119	3483	3739	3847	3916	4019	4233	4507	4896	5260	5489	5557	5458	5252	4871	4645	4414	4097	3744
11/22/2025	3452	3230	3057	2979	2961	2998	3139	3346	3638	3865	4039	4303	4591	4930	5195	5380	5510	5293	5109	4773	4510	4310	4012	3712
11/23/2025	3460	3188	3029	2910	2899	2924	3051	3265	3604	3954	4191	4451	4719	5056	5298	5453	5528	5535	5449	5118	4820	4528	4193	3782

TYSP Year 2026
Question No. 4

Date	Hourly System Load (MW)																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
11/24/2025	3446	3219	3085	2975	3003	3173	3466	3755	3988	4165	4312	4558	4886	5204	5430	5532	5575	5524	5477	5268	4926	4626	4254	3879
11/25/2025	3515	3238	3102	3044	3056	3177	3425	3671	3871	4071	4311	4617	4928	5213	5500	5741	5695	5638	5564	5332	5091	4734	4344	3994
11/26/2025	3656	3355	3188	3095	3104	3228	3478	3697	3945	4180	4454	4805	5202	5486	5663	5861	5854	5693	5559	5308	5063	4791	4364	4016
11/27/2025	3703	3398	3203	3095	3068	3086	3229	3500	3911	4405	4775	4957	4964	4728	4523	4325	4132	4067	3987	3810	3683	3582	3464	3259
11/28/2025	3077	2952	2909	2902	3049	3235	3556	3875	4128	4052	3900	3719	3548	3547	3587	3721	3910	4192	4382	4363	4295	4257	4076	3843
11/29/2025	3703	3581	3456	3407	3431	3550	3807	4082	4180	3932	3780	3705	3732	3840	3881	3894	3951	4133	4204	4074	3957	3834	3663	3430
11/30/2025	3207	2996	2882	2884	2853	2943	3077	3268	3464	3538	3658	3805	3995	4232	4481	4696	4903	4964	4974	4786	4516	4255	3830	3492
12/1/2025	3167	2979	2906	2827	2871	3128	3518	3757	3839	3926	3949	4094	4182	4312	4425	4468	4579	4793	4986	4948	4701	4425	4011	3641
12/2/2025	3367	3140	3005	2933	2959	3208	3597	3881	4065	4251	4376	4422	4656	4825	4962	5106	5173	5329	5500	5299	4992	4678	4205	3805
12/3/2025	3500	3257	3071	2989	3007	3203	3569	3808	3920	3909	3921	3952	4072	4210	4378	4543	4698	4816	4908	4832	4555	4269	3849	3415
12/4/2025	3146	2971	2880	2890	2955	3224	3640	3878	3867	3802	3740	3752	3871	4076	4319	4511	4656	4858	4980	4846	4650	4343	3960	3562
12/5/2025	3268	3028	2903	2877	2959	3165	3578	3799	3892	3986	4031	4214	4518	4804	5022	5297	5465	5438	5375	5064	4863	4671	4347	3963
12/6/2025	3637	3400	3258	3154	3134	3206	3362	3597	3929	4134	4409	4622	4786	5050	5218	5279	5242	5157	5033	4778	4577	4326	4018	3693
12/7/2025	3371	3140	2991	2924	2883	2962	3080	3285	3547	3806	4030	4168	4277	4381	4437	4455	4568	4778	4805	4674	4431	4151	3748	3369
12/8/2025	3117	2953	2861	2824	2903	3134	3582	3873	4006	4051	4128	4137	4189	4239	4306	4329	4434	4671	4913	4718	4533	4252	3895	3502
12/9/2025	3262	3068	2964	2981	3084	3381	3915	4285	4266	4043	3885	3774	3871	3826	3874	4026	4197	4467	4698	4619	4486	4264	3921	3584
12/10/2025	3292	3179	3104	3113	3211	3449	3883	4153	4200	4128	4020	3864	3797	3802	3930	4087	4138	4452	4658	4722	4604	4383	4081	3734
12/11/2025	3494	3353	3273	3259	3314	3607	4145	4432	4285	4053	3843	3708	3611	3617	3694	3828	4047	4372	4634	4679	4615	4517	4312	3972
12/12/2025	3785	3666	3650	3675	3829	4196	4837	5391	5128	4578	4156	3910	3787	3738	3813	3954	4153	4363	4505	4357	4338	4221	4051	3761
12/13/2025	3583	3374	3299	3294	3374	3503	3747	4147	4345	4142	3922	3774	3790	3807	3898	4061	4182	4295	4369	4259	4141	3982	3757	3513
12/14/2025	3277	3070	2960	2909	2885	2935	3088	3327	3611	3771	3832	3882	3965	4030	4197	4345	4481	4648	4790	4619	4481	4254	3903	3510
12/15/2025	3253	3083	3027	3049	3203	3650	4194	4586	4583	4313	4202	4124	4085	4053	3963	4023	4213	4700	4916	4943	4842	4565	4245	3948
12/16/2025	3693	3588	3532	3572	3708	4104	4620	4948	4898	4606	4177	3899	3852	3891	3887	4022	4163	4591	4742	4716	4509	4359	3992	3606
12/17/2025	3379	3231	3178	3149	3272	3591	4117	4434	4386	4106	4006	3816	3889	3998	4133	4191	4347	4583	4754	4692	4531	4334	3991	3553
12/18/2025	3279	3045	2937	2937	2991	3236	3672	3987	4067	4058	4085	4203	4370	4395	4411	4459	4542	4778	4921	4856	4741	4553	4193	3791
12/19/2025	3519	3299	3200	3117	3135	3340	3711	3970	4110	4206	4412	4515	4631	4815	4920	4956	4978	4946	4900	4687	4484	4269	3951	3603
12/20/2025	3366	3156	3042	3044	3074	3225	3512	3924	4280	4143	3906	3774	3714	3794	3922	4127	4299	4430	4517	4332	4229	4069	3878	3598
12/21/2025	3421	3236	3123	3072	3082	3149	3335	3651	3886	3863	3828	3874	4001	4146	4308	4475	4630	4679	4770	4582	4433	4149	3896	3565
12/22/2025	3285	3094	2997	2959	2985	3152	3501	3802	3945	3933	3916	3926	4048	4197	4364	4523	4620	4715	4968	4778	4585	4391	4066	3696
12/23/2025	3354	3112	2994	2927	2925	3091	3385	3659	3884	3944	3992	4026	4174	4339	4541	4779	4894	4932	4936	4676	4447	4248	3951	3599
12/24/2025	3343	3075	2953	2897	2981	3080	3303	3572	3740	3873	3965	4010	4151	4340	4588	4795	4869	4809	4698	4436	4167	3947	3717	3445
12/25/2025	3219	3000	2877	2791	2786	2776	2912	3138	3414	3585	3735	3901	4125	4271	4437	4540	4571	4493	4424	4183	4002	3829	3626	3352
12/26/2025	3110	2907	2802	2744	2785	2900	3096	3314	3566	3705	3776	3861	4002	4134	4326	4547	4649	4705	4696	4461	4286	4112	3841	3529
12/27/2025	3251	3037	2903	2840	2864	2919	3078	3266	3546	3656	3711	3813	3983	4086	4163	4336	4435	4534	4604	4430	4262	4066	3794	3517
12/28/2025	3256	3023	2883	2819	2793	2863	2977	3166	3454	3666	3729	3831	4062	4197	4347	4523	4678	4756	4826	4679	4429	4161	3825	3508
12/29/2025	3224	3011	2850	2795	2829	3003	3270	3548	3719	3785	3831	3920	4058	4265	4473	4627	4741	4899	5028	4898	4697	4440	4079	3715
12/30/2025	3357	3121	2967	2962	3062	3278	3677	4098	4433	4559	4477	4191	4083	4190	4314	4398	4634	5025	5302	5323	5252	5138	4933	4790
12/31/2025	4602	4539	4608	4705	4913	5312	5825	6235	6354	5976	5523	5029	4678	4435	4349	4370	4637	5078	5514	5530	5395	5276	5103	4957

TYSP Year 2026
Question No. 5

Year	Month	Actual Peak Demand	Demand Response Activated	Estimated Peak Demand	Day	Hour	System-Average Temperature
		(MW)	(MW)	(MW)			(Degrees F)
2025	1	9,009	0	9,009	22	20	42.32
	2	6,458	0	6,458	21	8	51.43
	3	6,819	0	6,819	31	18	75.45
	4	7,714	0	7,714	27	18	77.93
	5	9,115	0	9,115	20	18	84.11
	6	8,968	0	8,968	17	18	83.35
	7	9,770	0	9,770	30	18	85.61
	8	9,537	0	9,537	5	18	83.21
	9	8,527	0	8,527	24	17	81.46
	10	7,622	0	7,622	8	18	80.53
	11	6,302	0	6,302	8	16	74.97
	12	6,354	0	6,354	31	9	47.30
2024	1	7,365	0	7,365	21	9	47.65
	2	6,659	0	6,659	20	8	55.80
	3	6,562	0	6,562	15	18	74.20
	4	7,425	0	7,425	19	18	76.82
	5	9,068	0	9,068	27	19	83.88
	6	9,448	0	9,448	6	18	84.13
	7	9,468	0	9,468	8	16	85.34
	8	9,269	0	9,269	8	18	86.91
	9	8,881	0	8,881	30	18	82.82
	10	8,407	0	8,407	2	17	82.06
	11	7,163	0	7,163	6	17	80.67
	12	6,911	0	6,911	4	8	53.28
2023	1	7,840	0	7,840	16	8	51.04
	2	6,657	0	6,657	23	17	75.15
	3	7,608	0	7,608	27	18	77.93
	4	7,845	0	7,845	4	18	77.68
	5	8,354	0	8,354	11	17	80.62
	6	9,322	0	9,322	27	18	85.00
	7	9,725	0	9,725	21	17	87.03
	8	10,268	0	10,268	11	18	87.56
	9	9,281	0	9,281	11	18	83.71
	10	7,859	0	7,859	13	17	80.98
	11	6,799	0	6,799	11	16	75.53
	12	5,936	0	5,936	3	15	74.28

Notes

(Include Notes Here)

TYSP Year 2026
Question No. 27

Resource Type	Customer-Owned Resources										
	Actual	Projected									
	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Renewable Resources											
Number of Installations	104,833	114,834	124,993	135,481	146,252	157,305	163,456	168,648	174,265	180,304	186,705
Total Capacity of Installations	995	1,097	1,201	1,307	1,415	1,525	1,589	1,643	1,701	1,762	1,827
Reduction to Summer Peak Demand (MW)	NA	16	40	64	89	115	134	147	160	174	189
Reduction to Winter Peak Demand (MW)	NA	0	1	2	3	3	4	5	5	6	6
Reduction to Net Energy for Load (GWh)	1,527	1,610	1,767	1,930	2,093	2,261	2,400	2,485	2,569	2,661	2,758
Energy Storage Resources											
Number of Installations	5,784	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Capacity of Installations (MW)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Storage Capacity of Installations (MWh)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Reduction to Summer Peak Demand (MW)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Reduction to Winter Peak Demand (MW)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Reduction to Net Energy for Load (GWh)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Notes											
(Include Notes Here)											

TYSP Year 2026
Question No. 28

[Demand Response Source or All Demand Response Sources]									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	431,460	617	2,922	903	2	36	1,157	2	31
2024	433,765	5,004	2,589	937	52	21	1,186	47	23
2025	431,350	52,635	3,669	906	22	29	1,162	48	31
Notes									
(Include Notes Here)									

Residential Load Management									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	431,041	614	2,916	377	1	10	650	1	5
2024	433,343	4,998	2,579	386	4	2	654	8	4
2025	430,924	52,629	3,651	384	17	5	651	43	7
Notes									
Beginning year 2023 customers = SAP/HANA report for participants Jan 1, 2023 - Jan 31, 2023 Capacity at generator based on participant counts Customers lost in 2024 and in 2025 increased due to Switch Replacement Plan 42,500 customers were on the FLER_RSL1 rate with no operands. Prior to the introduction of the LMR-1 Rider, these customers were on the RSL-1 Rate so they were counted as participants. When the LMR-1 Rider came into effect these customers were moved to the RS Rate. As they have no products they are no longer counted as participants. the remaining 10,000 lost customers were removed during the switch replacement effort, they opted out of the program.									

Commercial Load Management									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	58	0	0	4	0	0	0	0	0
2024	58	0	0	4	0	0	0	0	0
2025	58	1	0	4	0	0	0	0	0
Notes									
(Include Notes Here)									

Standby Generation									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	186	3	4	83	1	3	82	1	3
2024	187	2	7	85	1	3	84	1	3
2025	192	4	13	87	2	16	86	2	16
Notes									
(Include Notes Here)									

Interruptible Service									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	171	0	1	390	0	22	384	0	22
2024	172	2	3	412	2.4	16	406	2.4	16
2025	173	1	1	425.6	3	1	420	3	1
Notes									
(Include Notes Here)									

Curtailable Service									
Year	Participating Customers			Available Capacity (MW)					
				Summer			Winter		
	Start of Year	Lost	Added	Start of Year	Lost	Added	Start of Year	Lost	Added
2023	4	0	1	49	0	1	41	0	1
2024	5	2	0	50	45	0	42	36	0
2025	3	0	4	5	0	7	6	0	7
Notes									
January 2024 Lost capacity due to the closure of curtailable customer called GP Cellulose									

Table Footnotes:

(1) Total available capacity may change as a result of multiple factors including changes in participation, changes in contribution from existing participants, and periodic evaluation of system response. Thus, changes in total available capacity do not directly correlate to changes in participation.

(2) Added capacity corresponds to the addition of new participants and those converted from suspended accounts.

TYSP Year 2026
Question No. 29

[Demand Response Source or All Demand Response Sources]													
Year	Summer							Winter					
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)	
		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day
2023	38	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	46	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	53	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

Residential Load Management													
Year	Summer							Winter					
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)	
		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day
2023	38	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	46	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	53	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

TYSP Year 2026
Question No. 29

Commercial Load Management														
Year	Summer							Winter						
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)		
		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

StandBy Generation														
Year	Summer							Winter						
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)		
		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

Interruptible Service														
Year	Summer							Winter						
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)		
		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

Curtailible Service

TYSP Year 2026
Question No. 29

Year	Summer							Winter						
	Total Events	Customers Activated			Capacity Activated (MW)			Total Events	Customers Activated			Capacity Activated (MW)		
		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day		Average Event	Max Event	Peak Day	Average Event	Max Event	Peak Day
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes														
(Include Notes Here)														

TYSP Year 2026
Question No. 31

Year	Number of PEVs	Number of Public PEV Charging Stations	Number of Public DCFC PEV Charging Stations	Cumulative Impact of PEVs		
				Summer Demand	Winter Demand	Annual Energy
				(MW)	(MW)	(GWh)
2026	105,888	3,434	983	18.61	1.25	53
2027	131,081	4,295	986	32.72	3.33	113
2028	160,267	5,322	991	47.59	7.90	183
2029	197,212	6,573	1,008	65.43	12.86	271
2030	244,151	8,123	1,064	89.09	19.85	390
2031	300,852	9,963	1,152	124.39	30.48	561
2032	368,027	12,105	1,265	165.92	43.66	764
2033	447,457	14,604	1,402	214.75	59.47	1,006
2034	538,821	17,460	1,562	271.26	77.68	1,285
2035	641,054	20,645	1,741	334.37	98.63	1,597

Notes

1. Source: Fall 2025 EV Forecast
2. "Number of PEVs" total cumulative PEV vehicles which includes includes Light, Medium, and Heavy Duty Vehicles.
3. "Cumulative Impact of PEVs" includes only net-new vehicles beginning January 2026 as used and provided to load forecasting. This includes energy impacts from light, medium, and heavy duty vehicles (energy is from 1/1/2026).
4. "Number of Public PEV charging stations" includes both L2 and DC charging stations
5."Cumulative Impact of PEV's at the system's coincident peak for Summer and Winter.

TYSP Year 2026
Question No. 40

Data Center Type	Data Centers										
	Actual	Projected									
	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Existing Data Centers											
Number of Data Centers	3	3	3	3	3	3	3	3	3	3	3
Total Annual Energy Usage (GWh)	16	16	16	16	16	16	16	16	16	16	16
Impact to Summer Peak Demand (MW)	4	4	4	4	4	4	4	4	4	4	4
Impact to Winter Peak Demand (MW)	4	4	4	4	4	4	4	4	4	4	4
Planned Data Centers (In-service in 2026)											
Number of Data Centers											
Total Annual Energy Usage (GWh)											
Impact to Summer Peak Demand (MW)											
Impact to Winter Peak Demand (MW)											
Planned Data Centers (After 2026)											
Number of Data Centers			2	2	2	2	2	2	2	2	2
Total Annual Energy Usage (GWh)			14	14	14	14	14	14	14	14	14
Impact to Summer Peak Demand (MW)			16	16	16	16	16	16	16	16	16
Impact to Winter Peak Demand (MW)			16	16	16	16	16	16	16	16	16
Notes											

TYSP Year 2026
Question No. 45(a)

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
							Gross		Net		Firm	
					Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Anclote	1	Pasco	ST	NG	October	1974	522	534	508	521	508	521
Anclote	2	Pasco	ST	NG	October	1978	512	517	497	504	497	504
Crystal River	4	Citrus	ST	BIT	December	1982	769	778	712	721	712	721
Crystal River	5	Citrus	ST	BIT	October	1984	767	778	710	721	710	721
P L Bartow	4	Pinellas	CC	NG	June	2009	1,186	1,279	1,166	1,200	1,166	1,200
Citrus County Combined Cycle	PB1	Citrus	CC	NG	October	2018	825	943	817	931	817	931
Citrus County Combined Cycle	PB2	Citrus	CC	NG	November	2018	828	947	824	931	824	931
Hines Energy Complex	1	Polk	CC	NG	April	1999	508	528	501	521	501	521
Hines Energy Complex	2	Polk	CC	NG	December	2003	584	557	576	594	576	594
Hines Energy Complex	3	Polk	CC	NG	November	2005	531	543	523	535	523	535
Hines Energy Complex	4	Polk	CC	NG	December	2007	552	571	544	563	544	563
Osprey Energy Center Power Plant	1	Polk	CC	NG	May	2004	628	650	616	638	616	638
Tiger Bay	1	Polk	CC	NG	August	1997	202	233	221	252	221	252
Bartow	P1	Pinellas	GT	DFO	May	1972	41	50	41	50	41	50
Bartow	P2	Pinellas	GT	NG	June	1972	41	53	41	53	41	53
Bartow	P3	Pinellas	GT	DFO	June	1972	41	51	41	51	41	51
Bartow	P4	Pinellas	GT	NG	June	1972	45	58	45	58	45	58
Bayboro	P1	Pinellas	GT	DFO	April	1973	37	55	37	55	37	55
Bayboro	P2	Pinellas	GT	DFO	April	1973	19	28	19	28	19	28
Bayboro	P4	Pinellas	GT	DFO	April	1973	41	56	41	56	41	56
DeBary	P2	Volusia	GT	DFO	December	1975	45	57	45	57	45	57
DeBary	P3	Volusia	GT	DFO	December	1975	45	59	45	59	45	59
DeBary	P4	Volusia	GT	DFO	December	1975	46	59	46	59	46	59
DeBary	P5	Volusia	GT	DFO	December	1975	45	58	45	58	45	58
DeBary	P6	Volusia	GT	DFO	December	1975	46	59	46	59	46	59
DeBary	P7	Volusia	GT	NG	October	1992	74	93	74	93	74	93
DeBary	P8	Volusia	GT	NG	October	1992	75	94	75	94	75	94
DeBary	P9	Volusia	GT	NG	October	1992	76	94	76	94	76	94
DeBary	P10	Volusia	GT	DFO	October	1992	72	88	72	88	72	88
Intercession City	P1	Osceola	GT	DFO	May	1974	45	60	45	60	45	60
Intercession City	P2	Osceola	GT	DFO	May	1974	46	58	46	58	46	58
Intercession City	P3	Osceola	GT	DFO	May	1974	46	60	46	60	46	60
Intercession City	P4	Osceola	GT	DFO	May	1974	46	60	46	60	46	60
Intercession City	P5	Osceola	GT	DFO	May	1974	45	59	45	59	45	59

TYSP Year 2026
Question No. 45(a)

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
							Gross		Net		Firm	
					Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Intercession City	P6	Osceola	GT	DFO	May	1974	47	60	47	60	47	60
Intercession City	P7	Osceola	GT	NG	October	1993	78	82	78	82	78	82
Intercession City	P8	Osceola	GT	NG	October	1993	77	88	77	88	77	88
Intercession City	P9	Osceola	GT	NG	October	1993	77	88	77	88	77	88
Intercession City	P10	Osceola	GT	NG	October	1993	74	86	74	86	74	86
Intercession City	P11	Osceola	GT	DFO	January	1997	142	155	140	155	140	155
Intercession City	P12	Osceola	GT	NG	December	2000	73	89	73	89	73	89
Intercession City	P13	Osceola	GT	NG	December	2000	73	91	73	91	73	91
Intercession City	P14	Osceola	GT	NG	December	2000	73	90	73	90	73	90
Suwannee River	P1	Suwannee	GT	NG	October	1980	48	65	48	65	48	65
Suwannee River	P2	Suwannee	GT	DFO	October	1980	48	64	48	64	48	64
Suwannee River	P3	Suwannee	GT	NG	November	1980	49	65	49	65	49	65
University of Florida	P1	Alachua	GT	NG	January	1994	45	51	44	50	44	50
Econolockhatchee Photovoltaic Array	PV1	Volusia	PV	SO	January	1989	0.006	0.006	0.00584	0.00587	0.003	0.000
Osceola Solar	PV1	Osceola	PV	SO	May	2016	4.7	4.7	3.6	3.6	2.0	0.2
Perry Solar	PV1	Taylor	PV	SO	July	2016	6.8	6.8	4.9	4.9	2.6	0.2
Suwannee Solar	PV1	Suwannee	PV	SO	December	2017	14.2	14.2	8.5	8.5	4.6	0.4
Hamilton Solar	PV1	Hamilton	PV	SO	December	2018	109.9	109.9	72.7	72.7	39.0	3.6
Lake Placid Solar	PV1	Highlands	PV	SO	December	2019	63.0	63.0	45.0	45.0	24.2	2.3
Trenton Solar	PV1	Gilchrist	PV	SO	December	2019	105.6	105.6	73.0	73.0	39.2	3.6
St. Petersburg Pier Solar	PV1	Pinellas	PV	SO	December	2019	0.4	0.4	0.3	0.3	0.2	0.0
Columbia Solar	PV1	Columbia	PV	SO	March	2020	105.6	105.6	73.0	73.0	39.2	3.7
DeBary Solar	PV1	Volusia	PV	SO	May	2020	102.3	102.3	72.7	72.7	39.0	3.6
Sante Fe Solar	PV1	Columbia	PV	SO	March	2021	100.4	100.4	73.4	73.4	39.4	3.7
Twin Rivers Solar	PV1	Hamilton	PV	SO	March	2021	98.3	98.3	73.4	73.4	39.4	3.7
Duette Solar	PV1	Manatee	PV	SO	October	2021	96.8	96.8	73.4	73.4	39.4	3.7
Sandy Creek Solar	PV1	Bay	PV	SO	May	2022	98.8	98.8	73.8	73.8	39.6	3.7
Ft Green Solar	PV1	Hardee	PV	SO	June	2022	126.7	126.7	73.8	73.8	39.6	3.7
Charlie Creek	PV1	Hardee	PV	SO	August	2022	99.7	99.7	73.8	73.8	39.6	3.7
Bay Trail	PV1	Citrus	PV	SO	September	2022	94.9	94.9	74.2	74.2	39.8	3.7
Dolphin Solar	PV1	Pinellas	PV	SO	August	2022	0.3	0.3	0.2	0.2	0.1	0.0
Hildreth Solar	PV1	Suwannee	PV	SO	April	2023	106.9	106.9	74.2	74.2	39.8	3.7
High Springs Solar	PV1	Alachua	PV	SO	April	2023	100.5	100.5	74.2	74.2	39.8	3.7
Hardeetown Solar	PV1	Levy	PV	SO	April	2023	106.1	106.1	74.2	74.2	39.8	3.7

TYSP Year 2026
Question No. 45(a)

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
							Gross		Net		Firm	
					Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Bay Ranch Solar	PV1	Bay	PV	SO	April	2023	106.0	106.0	74.2	74.2	39.8	3.7
John Hopkins Solar	PV1	Pinellas	PV	SO	November	2023	0.7	0.7	0.7	0.7	0.4	0.0
Hines Floating Solar	PV1	Polk	PV	SO	November	2023	0.7	0.7	0.7	0.7	0.4	0.0
Mule Creek Solar	PV1	Bay	PV	SO	March	2024	101.4	101.4	74.5	74.5	40.0	3.7
Winquepin Solar	PV1	Madison	PV	SO	March	2024	103.0	103.0	74.5	74.5	40.0	3.7
Falmouth Solar	PV1	Suwannee	PV	SO	June	2024	103.2	103.2	74.5	74.5	40.0	3.7
County Line Solar	PV1	Alachua	PV	SO	August	2024	98.4	98.4	74.9	74.9	40.2	3.7
Sundance Solar	PV1	Madison	PV	SO	July	2025	99.0	99.0	74.9	74.9	25.8	3.7
Half Moon Solar	PV1	Sumter	PV	SO	November	2025	97.7	97.7	74.9	74.9	25.8	3.7
Rattler Solar	PV1	Hernando	PV	SO	November	2025	101.2	101.2	74.9	74.9	25.8	3.7
Notes												
Solar Gross MWs are DC values. Solar Net MWs are AC values and include degradation.												
Distribution Connected Storage included in Existing Storage Table.												

TYSP Year 2026
Question No. 45(b)

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
							Gross		Net		Firm	
					Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Jumper Creek Solar	1	Sumter	PV	SO	May	2026	103.0	103.0	74.9	74.9	27.3	3.3
Bailey Mill Solar	1	Jefferson	PV	SO	August	2026	111.8	111.8	74.9	74.9	25.8	3.7
Turnpike Solar	1	Osceola	PV	SO	March	2027	100.8	100.8	74.9	74.9	27.3	3.3
Banner Solar	1	Columbia	PV	SO	April	2027	102.3	102.3	74.5	74.5	27.2	3.3
Lonesome Camp Solar	1	Osceola	PV	SO	May	2027	101.8	101.8	74.9	74.9	27.3	3.3
Powerline BESS	1	Citrus	BA	N/A	March	2027	100	100	100	100	96	85
Higdon Solar	1	Madison	PV	SO	December	2027	103.3	103.3	74.9	74.9	25.1	3.1
Nova Solar	1	Orange	PV	SO	December	2027	101.7	101.7	74.9	74.9	25.1	3.1
Bull Creek Solar	1	Orange	PV	SO	February	2028	101.7	101.7	74.9	74.9	25.1	3.1
Wewahootee	1	Orange	PV	SO	March	2028	103.2	103.2	74.9	74.9	25.1	3.1
Bartow BESS	1	Pinellas	BA	N/A	October	2028	225	225	225	225	216	191
Renewable Energy Center # 01	1	Unknown	PV	SO	June	2028	101.1	101.1	74.9	74.9	22.6	4.2
Renewable Energy Center # 02	1	Unknown	PV	SO	June	2028	101.1	101.1	74.9	74.9	22.6	4.2
Renewable Energy Center # 03	1	Unknown	PV	SO	June	2028	101.1	101.1	74.9	74.9	22.6	4.2
Renewable Energy Center # 04	1	Unknown	PV	SO	June	2028	101.1	101.1	74.9	74.9	22.6	4.2
Renewable Energy Center # 05	1	Unknown	PV	SO	June	2028	101.1	101.1	74.9	74.9	22.6	4.2
Co-located BESS # 01	1	Unknown	BA	N/A	June	2029	100	100	100	100	96	85
Renewable Energy Center # 06	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Renewable Energy Center # 07	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Renewable Energy Center # 08	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Renewable Energy Center # 09	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Renewable Energy Center # 10	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Renewable Energy Center # 11	1	Unknown	PV	SO	June	2029	101.1	101.1	74.9	74.9	19.6	4.2
Co-located BESS # 02	1	Unknown	BA	N/A	June	2030	150	150	150	150	143	116
Renewable Energy Center # 12	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 13	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 14	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 15	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 16	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 17	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 18	1	Unknown	PV	SO	June	2030	101.1	101.1	74.9	74.9	17.1	4.2
Renewable Energy Center # 19	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 20	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7

TYSP Year 2026
Question No. 45(b)

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
							Gross		Net		Firm	
					Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Renewable Energy Center # 21	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 22	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 23	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 24	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 25	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Renewable Energy Center # 26	1	Unknown	PV	SO	June	2031	101.1	101.1	74.9	74.9	15.0	3.7
Undesignated CT	P1	Unknown	GT	NG	June	2031	218	234	218	234	218	234
Undesignated CT	P2	Unknown	GT	NG	June	2031	218	234	218	234	218	234
Renewable Energy Center # 27	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 28	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 29	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 30	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 31	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 32	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 33	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 34	1	Unknown	PV	SO	June	2032	101.1	101.1	74.9	74.9	12.5	3.2
Renewable Energy Center # 35	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 36	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 37	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 38	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 39	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 40	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 41	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Renewable Energy Center # 42	1	Unknown	PV	SO	June	2033	101.1	101.1	74.9	74.9	11.9	3.1
Co-located BESS # 03	1	Unknown	BA	N/A	June	2034	525	525	525	525	469	324
Standalone BESS # 04	1	Unknown	BA	N/A	June	2034	300	300	300	300	255	234
Renewable Energy Center # 43	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 44	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 45	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 46	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 47	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 48	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Renewable Energy Center # 49	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1

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Question No. 45(b)

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
							Gross		Net		Firm	
					Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Renewable Energy Center # 50	1	Unknown	PV	SO	June	2034	101.1	101.1	74.9	74.9	11.6	3.1
Undesignated CT	P3	Unknown	GT	NG	June	2034	399.7	435.3	399.7	435.3	399.7	435.3
Undesignated CT	P4	Unknown	GT	NG	June	2034	399.7	435.3	399.7	435.3	399.7	435.3
Renewable Energy Center # 51	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 52	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 53	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 54	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 55	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 56	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 57	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Renewable Energy Center # 58	1	Unknown	PV	SO	June	2035	101.1	101.1	74.9	74.9	10.2	2.6
Notes												
Solar named units are in various development stages. Solar Gross MWs are DC values. Solar Net MWs are AC values and include degradation.												
Battery Energy Storage Systems are denoted as (BESS). BESS resources are energy storage devices and not generation resources, they are listed to provide a comprehensive planned utility view.												

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Question No. 46

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Performance (%)						Average Net Operating Heat Rate (ANOHR)	
							Planned Outage Factor		Forced Outage Factor		Equivalent Availability			
					Mo	Yr	Historic	Projected	Historic	Projected	Historic	Projected	Historic	Projected
Anclote	1	Pasco	Steam	Gas	10	1974	7.99	7.99	0.49	0.49	79.96	79.96	11,697	11,697
	2				10	1978	1.36	1.36	2.10	2.10	70.10	70.10	12,537	12,537
Bartow	P1	Pinellas	Gas Turbine	Gas/Oil	5	1972	2.03	2.03	23.60	23.60	43.48	43.48	15,823	15,823
	P2				6	1972	1.94	1.94	3.67	3.67	66.34	66.34	15,563	15,563
	P3				6	1972	1.67	1.67	20.06	20.06	32.48	32.48	18,532	18,532
	P4				6	1972	1.84	1.84	0.81	0.81	52.60	52.60	14,926	14,926
Bartow CC	4A	Pinellas	Combined Cycle	Gas	6	2009	5.73	5.73	0.41	0.41	79.95	79.95	11,657	11,657
	4B						1.99	1.99	0.62	0.62	71.22	71.22	11,616	11,616
	4C						1.43	1.43	0.28	0.28	85.66	85.66	11,670	11,670
	4D						0.97	0.97	0.16	0.16	83.98	83.98	11,511	11,511
	4S						5.27	5.27	0.08	0.08	77.88	77.88	547	547
Bayboro	P1	Pinellas	Gas Turbine	Oil	4	1973	1.51	1.51	3.38	3.38	56.23	56.23	14,510	14,510
	P2				4	1973	3.41	3.41	12.59	12.59	50.89	50.89	14,556	14,556
	P3				4	1973	1.62	-	7.48	-	65.85	-	14,487	-
	P4				4	1973	0.03	0.03	9.56	9.56	55.88	55.88	14,765	14,765
Citrus CC	1A	Citrus	Combined Cycle	Gas	10	2018	1.88	1.88	1.21	1.21	78.36	78.36	10,520	10,520
	1B						1.77	1.77	0.19	0.19	78.85	78.85	10,539	10,539
	1S						1.77	1.77	0.21	0.21	80.77	80.77	799	799
	2A				11	2018	2.18	2.18	0.35	0.35	80.22	80.22	10,354	10,354
	2B						2.29	2.29	0.20	0.20	85.96	85.96	10,603	10,603
	2S						1.72	1.72	0.39	0.39	88.06	88.06	892	892
Crystal River	4	Citrus	Steam	Coal	12	1982	1.14	1.14	1.74	1.74	62.77	62.77	11,067	11,067
	5				10	1984	-	-	0.39	0.39	62.97	62.97	10,653	10,653
DeBary	P2	Volusia	Gas Turbine	Gas/Oil	3	1976	-	-	0.42	0.42	79.45	79.45	15,072	15,072
	P3				12	1975	-	-	3.86	3.86	68.25	68.25	15,274	15,274
	P4				4	1976	-	-	0.88	0.88	70.49	70.49	16,698	16,698
	P5				12	1975	-	-	3.63	3.63	72.77	72.77	15,214	15,214
	P6				4	1976	3.60	3.60	8.17	8.17	69.89	69.89	14,674	14,674
	P7				10	1992	-	-	0.03	0.03	72.36	72.36	13,068	13,068
	P8				10	1992	-	-	0.53	0.53	69.37	69.37	14,212	14,212
	P9				10	1992	0.08	0.08	0.53	0.53	61.77	61.77	13,490	13,490
	P10				10	1992	1.01	1.01	0.27	0.27	61.81	61.81	13,856	13,856
Hines	1A	Polk	Combined Cycle	Gas	4	1999	8.73	8.73	0.83	0.83	80.33	80.33	11,478	11,478
	1B						8.01	8.01	1.08	1.08	80.18	80.18	11,727	11,727
	1S						8.02	8.02	0.41	0.41	78.68	78.68	-	-
	2A				12	2003	8.88	8.88	0.85	0.85	76.81	76.81	11,816	11,816
	2B						10.21	10.21	0.72	0.72	79.21	79.21	11,816	11,816
	2S						9.36	9.36	0.68	0.68	81.19	81.19	-	-
	3A				11	2005	5.84	5.84	1.16	1.16	84.85	84.85	11,547	11,547
	3B						5.67	5.67	0.64	0.64	86.11	86.11	11,428	11,428
	3S						5.58	5.58	0.43	0.43	83.45	83.45	-	-
	4A				12	2007	-	-	0.14	0.14	75.70	75.70	11,044	11,044
	4B						-	-	2.35	2.35	81.30	81.30	11,365	11,365
	4S						-	-	0.16	0.16	85.41	85.41	-	-
Intercession City	P1	Osceola	Gas Turbine	Gas/Oil	5	1974	0.22	0.22	-	-	80.12	80.12	13,868	13,868
	P2				5	1974	-	-	0.22	0.22	80.63	80.63	13,826	13,826

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Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Performance (%)						Average Net Operating Heat Rate (ANOHR)	
							Planned Outage Factor		Forced Outage Factor		Equivalent Availability			
					Mo	Yr	Historic	Projected	Historic	Projected	Historic	Projected	Historic	Projected
	P3				5	1974	0.30	0.30	0.34	0.34	56.70	56.70	13,660	13,660
	P4				5	1974	-	-	0.93	0.93	65.47	65.47	13,646	13,646
	P5				5	1974	0.40	0.40	0.63	0.63	81.04	81.04	14,057	14,057
	P6				5	1974	-	-	2.45	2.45	71.60	71.60	13,940	13,940
	P7				10	1993	0.98	0.98	0.66	0.66	54.08	54.08	13,898	13,898
	P8				10	1993	8.71	8.71	0.01	0.01	56.74	56.74	14,404	14,404
	P9				10	1993	14.36	14.36	-	-	58.52	58.52	13,744	13,744
	P10				10	1993	2.86	2.86	0.15	0.15	60.77	60.77	14,260	14,260
	P11				1	1997	-	-	8.90	8.90	76.82	76.82	12,251	12,251
	P12				12	2000	-	-	0.06	0.06	75.08	75.08	13,766	13,766
	P13				12	2000	4.15	4.15	0.20	0.20	71.53	71.53	14,345	14,345
	P14				12	2000	5.23	5.23	-	-	80.50	80.50	13,896	13,896
Osprey	1A	Polk	Combined Cycle	Gas	5	2004	6.42	6.42	2.05	2.05	76.74	76.74	12,004	12,004
	1B						7.24	7.24	1.98	1.98	77.12	77.12	11,908	11,908
	1S						6.45	6.45	1.62	1.62	71.68	71.68	591	591
Suwannee	P1	Suwannee	Gas Turbine	Gas/Oil	10	1980	-	-	0.70	0.70	57.35	57.35	14,635	14,635
	P2				10	1980	-	-	-	-	50.58	50.58	14,228	14,228
	P3				11	1980	1.47	1.47	0.14	0.14	65.46	65.46	14,094	14,094
Tiger Bay	1A	Polk	Combined Cycle	Gas	8	1997	-	-	0.45	0.45	67.35	67.35	12,142	12,142
	1S						-	-	0.45	0.45	68.93	68.93	-	-
University of Florida	P1	Alachua	Gas Turbine	Gas	1	1994	3.02	3.02	0.23	0.23	84.82	84.82	8,335	8,335
Solar Bay Ranch	1.0	Bay	PV		5	2023	-	-	-	-	96.42	96.42	-	-
Solar Bay Trail	1.0	Citrus	PV		11	2022	-	-	-	-	96.27	96.27	-	-
Solar Charlie Creek	1.0	Hardee	PV		8	2022	-	-	-	-	98.07	98.07	-	-
Solar Columbia	1.0	Columbia	PV		4	2020	-	-	-	-	96.54	96.54	-	-
Solar County Line	1.0	Gilchrist	PV		10	2024	-	-	-	-	99.42	99.42	-	-
Solar Debary	1.0	Volusia	PV		5	2020	-	-	-	-	94.65	94.65	-	-
Solar Duette	1.0	Manatee	PV		11	2021	-	-	-	-	97.80	97.80	-	-
Solar Falmouth	1.0	Suwannee	PV		8	2024	-	-	-	-	99.19	99.19	-	-
Solar Fort Green	1.0	Hardee	PV		6	2022	-	-	-	-	97.71	97.71	-	-
Solar Hamilton	1.0	Hamilton	PV		1	2019	-	-	-	-	96.87	96.87	-	-
Solar Hardeetown	1.0	Levy	PV		5	2023	-	-	-	-	97.00	97.00	-	-
Solar High Spring	1.0	Alachua	PV		5	2023	-	-	-	-	96.95	96.95	-	-
Solar Hildreth	1.0	Suwannee	PV		5	2023	-	-	-	-	98.29	98.29	-	-
Solar Lake Placid	1.0	Highlands	PV		12	2019	-	-	-	-	96.12	96.12	-	-
Solar Mule Creek	1.0	Bay	PV		3	2024	-	-	-	-	97.62	97.62	-	-
Solar Osc Perry Suw	1.0	Osceola Taylor Suwannee	PV		11	2017	-	-	-	-	92.32	92.32	-	-
Solar Sandy Creek	1.0	Bay	PV		6	2022	-	-	-	-	95.64	95.64	-	-
Solar Santa Fe	1.0	Columbia	PV		3	2021	-	-	-	-	94.75	94.75	-	-
Solar Trenton	1.0	Gilchrist	PV		1	2020	-	-	-	-	94.50	94.50	-	-

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Question No. 46

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Performance (%)						Average Net Operating Heat Rate (ANOHR)	
							Planned Outage Factor		Forced Outage Factor		Equivalent Availability			
					Mo	Yr	Historic	Projected	Historic	Projected	Historic	Projected	Historic	Projected
Solar Twin Rivers	1.0	Hamilton	PV		4	2021	-	-	-	-	97.28	97.28	-	-
Solar Winquepin	1.0	Madison	PV		3	2024	-	-	-	-	98.27	98.27	-	-
Notes														
Bayboro Unit P3 retired May 2025, and therefore does not have projected unit performance.														

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Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Capacity Factor (%)										
							Actual	Projected									
					Mo	Yr	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Anclote	1~2	Pasco	Steam	Gas	10	1974	22.4	10.8	12.1	14.8	14.6	11.7	9.9	8.3	5.3	4.4	4.5
Crystal River	4~5	Citrus	Steam	Coal	12	1982	30.4	16.0	14.8	14.9	11.0	8.4	8.5	9.5	14.0	21.4	0.0
Bartow CC	4.0	Pinellas	Combined Cycle	Gas	5	1972	54.0	66.0	64.7	60.7	61.3	64.2	58.8	57.3	56.1	56.6	58.3
Citrus CC	1~2	Citrus	Combined Cycle	Gas	10	2018	70.6	69.5	68.8	67.3	71.5	73.4	71.6	71.2	70.8	71.1	70.6
Hines Energy Complex	1~4	Polk	Combined Cycle	Gas	4	1999	62.2	62.9	65.2	62.2	59.7	56.8	55.3	52.3	49.9	49.4	49.4
Osprey CC	1.0	Polk	Combined Cycle	Gas	5	2004	67.4	81.2	75.6	67.6	67.4	69.6	65.0	62.8	59.9	58.7	57.3
Tiger Bay	1.0	Polk	Combined Cycle	Gas	8	1997	37.8	51.1	49.3	52.8	43.7	35.9	37.9	30.8	30.3	26.5	28.8
Bartow Peaker	1~4	Pinellas	Gas Turbine	Gas/Oil	5	1972	1.2	0.2	0.5	0.5	0.3	0.3	0.3	0.4	0.4	0.3	0.0
Bayboro	1~4	Pinellas	Gas Turbine	Oil	4	1973	0.1	0.0									
DeBary	2~10	Volusia	Gas Turbine	Gas/Oil	3	1976	1.8	0.5	0.9	1.0	0.7	0.6	0.6	0.5	0.6	0.8	0.4
Intercession City	1~14	Osceola	Gas Turbine	Gas/Oil	5	1974	1.9	0.6	1.2	1.5	0.8	0.9	0.8	0.6	0.5	0.6	0.3
New CT	1~2	N/A	Gas Turbine	Gas	6	2031							3.2	0.0	0.0	0.5	0.3
New CT - HA	1~2	N/A	Gas Turbine	Gas	6	2034										3.5	5.6
Suwannee Peaker	1~3	Suwannee	Gas Turbine	Gas/Oil	10	1980	3.4	1.7	1.9	1.9	1.4	1.0	1.4	1.7	1.6	1.5	1.4
University of Florida	1.0	Alachua	Gas Turbine	Gas	1	1994	88.6	79.4	84.4	85.6	85.4	83.4	84.1	84.4	84.1	84.3	84.5
Solar Bailey Mill	1.0	Jefferson	PV		8	2026		23.6	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Solar Banner	1.0	Columbia	PV		4	2027		0.0	22.6	24.3	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Solar Bay Ranch	1.0	Bay	PV		5	2023	27.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.9	25.4	25.7
Solar Bay Trail	1.0	Citrus	PV		11	2022	25.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	25.6	25.8
Solar Bull Creek	1.0	Orange	PV		2	2028				23.8	26.1	26.1	26.1	26.1	26.1	26.1	26.1
Solar Charlie Creek	1.0	Hardee	PV		8	2022	27.3	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.5	22.9	23.7
Solar Columbia	1.0	Columbia	PV		4	2020	24.6	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.5	22.9	23.7
Solar County Line	1.0	Gilchrist	PV		10	2024	28.4	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.8
Solar Debary	1.0	Volusia	PV		5	2020	33.5	21.5	21.5	21.5	21.5	21.5	21.5	21.4	21.0	20.4	21.2
Solar Duette	1.0	Manatee	PV		11	2021	44.8	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.5	23.1	23.7
Solar Falmouth	1.0	Suwannee	PV		8	2024	27.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7
Solar Fort Green	1.0	Hardee	PV		6	2022	25.4	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	25.5	25.8
Solar Half Moon	1.0	Sumter	PV		1	2026		25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
Solar Hamilton	1.0	Hamilton	PV		1	2019	27.8	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.4	22.8	23.7
Solar Hardeetown	1.0	Levy	PV		5	2023	25.2	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.8	25.6	25.7
Solar Higdon	2.0	Madison	PV		12	2027		0.0	16.7	22.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Solar High Spring	1.0	Alachua	PV		5	2023	25.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	25.6	25.8
Solar Hildreth	1.0	Suwannee	PV		5	2023	28.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.8	25.5	25.8
Solar Jumper Creek	1.0	Sumter	PV		5	2026		22.7	24.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
Solar Lake Placid	1.0	Highlands	PV		12	2019	18.5	24.3	24.3	24.3	24.2	24.3	24.3	24.1	23.6	23.0	23.8
Solar Lonesome Camp	1.0	Osceola	PV		1	2027		0.0	22.6	24.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
Solar Mule Creek	1.0	Bay	PV		3	2024	28.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	25.8
Solar Nova	1.0	Orange	PV		12	2027		0.0	15.9	23.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9
Solar Osc Perry Suw	1.0	Osceola / Taylor / Suwannee	PV		11	2017	17.8	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.2	20.9	21.3
Solar Rattler	1.0	Hernando	PV		1	2026		26.3	26.3	26.2	26.3	26.3	26.3	26.2	26.3	26.3	26.3
Solar Sandy Creek	1.0	Bay	PV		6	2022	25.5	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.5	22.9	23.7

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Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Capacity Factor (%)										
							Actual	Projected									
					Mo	Yr	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Solar Santa Fe	1.0	Columbia	PV		3	2021	23.8	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.4	22.9	23.6
Solar St Pete Pier	1.0	Pinellas	PV		12	2019		21.5	21.5	21.5	21.5	21.5	21.5	21.4	21.1	20.6	21.2
Solar Sundance	1.0	Madison	PV		9	2025		26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
Solar Trenton	1.0	Gilchrist	PV		1	2020	26.5	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.3	22.7	23.5
Solar Turnpike	1.0	Osceola	PV		3	2027			23.0	24.8	25.2	25.2	25.2	25.2	25.2	25.2	25.2
Solar Twin Rivers	1.0	Hamilton	PV		4	2021	25.3	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.4	22.7	23.6
Solar Wewahootee	1.0	Orange	PV		3	2028				24.1	25.8	25.9	25.9	25.9	25.9	25.9	25.9
Solar Winquepin	1.0	Madison	PV		3	2024	26.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.8	25.8
Solar Generic	1~61	NA	PV		6	2028				25.2	25.7	25.8	25.8	25.9	25.8	25.8	25.9
Battery Bartow	1.0	Pinellas	Storage		10	2028				9.9	12.5	13.1	14.4	14.6	15.2	15.1	15.2
Battery Powerline	1.0	Citrus	Storage		3	2027			7.5	6.0	6.8	7.1	7.9	7.9	8.1	8.1	7.8
Battery 4 Hours - 50MW	1~2	N/A	Storage		6	2029					13.4	13.1	14.3	14.7	15.2	15.1	14.9
Battery 4 Hours - 75MW	1~9	N/A	Storage		6	2030						13.8	14.4	14.7	15.3	15.0	15.3
Battery 8 Hours - 100MW	1~3	N/A	Storage		6	2034										21.2	23.1
Notes																	
(Include Notes Here)																	

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Facility Name	Unit No.	County Location	Solar Type	Energy Storage Type	Facility In-Service		Unit Capacity (MW)				Land Use	Commission Approval		Cost Recovery Mechanism
							Net		Firm					
			(Fixed/Tracking)		Mo	Yr	Sum	Win	Sum	Win	(Acres)	Order No.	Approval Date	
Econolockhatchee PV Array	1	Volusia	Fixed	-	1	1989	0.0	0.0	0.0	0.0	<1	N/A	N/A	ECCR-Technology Development
Osceola	1	Osceola	Fixed	-	5	2016	3.6	3.6	2.0	0.2	~20	N/A	N/A	In IRP under Rate Settlement
Perry	1	Taylor	Fixed	-	8	2016	4.9	4.9	2.6	0.2	~25	N/A	N/A	In IRP under Rate Settlement
Suwannee	1	Suwannee	Fixed	-	11	2017	8.5	8.5	4.6	0.4	~45	N/A	N/A	In IRP under Rate Settlement
Hamilton	1	Hamilton	Tracking	-	12	2018	72.7	72.7	39.0	3.6	~565	PSC-2019-0159-FOF-EI	4/30/2019	2017 Second RRSSA -SoBRA 1
Lake Placid	1	Highlands	Tracking	see below	12	2019	25.2	25.2	13.5	1.3	~380	PSC-2019-0292-FOF-EI	7/22/2019	2017 Second RRSSA -SoBRA 2
Trenton	1	Gilchrist	Tracking	-	12	2019	73.0	73.0	39.2	3.7	~735	PSC-2019-0292-FOF-EI	7/22/2019	2017 Second RRSSA -SoBRA 2
St. Petersburg Pier	1	Pinellas	Fixed	-	12	2019	0.3	0.3	0.2	0.0	N/A	N/A	N/A	In IRP under Rate Settlement
Columbia	1	Columbia	Tracking	-	3	2020	73.0	73.0	39.2	3.7	~580	PSC-2019-0159-FOF-EI	4/30/2019	2017 Second RRSSA -SoBRA 1
DeBary	1	Volusia	Fixed	-	5	2020	72.7	72.7	39.0	3.6	~445	PSC-2019-0292-FOF-EI	7/22/2019	2017 Second RRSSA -SoBRA 2
Sante Fe	1	Columbia	Tracking	-	3	2021	73.4	73.4	39.4	3.7	~607	PSC-2021-0088-TRF-EI	2/22/2021	2017 Second RRSSA -SoBRA 3
Twin Rivers	1	Hamilton	Tracking	-	3	2021	73.4	73.4	39.4	3.7	~515	PSC-2021-0088-TRF-EI	2/22/2021	2017 Second RRSSA -SoBRA 3
Duette	1	Manatee	Tracking	-	10	2021	73.4	73.4	39.4	3.7	~520	PSC-2021-0088-TRF-EI	2/22/2021	2017 Second RRSSA -SoBRA 3
Jennings BESS	1	Hamilton	N/A	Lithium Ion	10	2021	5.5	5.5	5.5	5.5	<1	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Co-located Lake Placid BESS	1	Highlands	N/A	Lithium Ion	12	2021	17.3	17.3	17.3	17.3	~2	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Trenton BESS	1	Gilchrist	N/A	Lithium Ion	12	2021	11.0	11.0	11.0	11.0	~1	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Cape San Blas BESS	1	Gulf	N/A	Lithium Ion	2	2022	5.5	5.5	5.5	5.5	<1	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Micanopy BESS	1	Alachua	N/A	Lithium Ion	4	2022	8.3	8.3	8.3	8.3	<1	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Sandy Creek	1	Bay	Tracking	-	5	2022	73.8	74.2	39.6	3.7	~625	PSC-2021-0088-TRF-EI	2/22/2021	2017 RRSSA-SoBRA 3+2021 RS**
Ft Green	1	Hardee	Fixed	-	6	2022	73.8	74.2	39.6	3.7	~790	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Charlie Creek	1	Hardee	Tracking	-	8	2022	73.8	74.2	39.6	3.7	~605	PSC-2021-0088-TRF-EI	2/22/2021	2017 Second RRSSA -SoBRA 3
Dolphin Solar	1	Pinellas	Fixed	-	8	2022	0.2	0.2	0.1	0.0	0	N/A	N/A	In IRP under Rate Settlement
Bay Trail	1	Citrus	Tracking	-	9	2022	74.2	74.2	39.8	3.7	0	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Hildreth	1	Suwannee	Tracking	-	4	2023	74.2	74.5	39.8	3.7	~710	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
High Springs	1	Alachua	Tracking	-	4	2023	74.2	74.5	39.8	3.7	~655	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Hardeetown	1	Levy	Tracking	-	4	2023	74.2	74.5	39.8	3.7	~550	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Bay Ranch	1	Bay	Tracking	-	4	2023	74.2	74.5	39.8	3.7	~720	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
John Hopkins BESS Microgrid	1	Pinellas	N/A	Lithium Ion	11	2023	2.5	2.5	2.2	2.2	<1	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
John Hopkins MS	1	Pinellas	Fixed	see below	11	2023	0.7	0.7	0.4	0.0	0	PSC-20170451-AS-EU	11/20/2017	2017 Second RRSSA -Battery Pilot
Hines Floating Solar	1	Polk	Floating	-	11	2023	0.7	0.7	0.4	0.0	N/A	PSC-2021-0202A-AS-EI	6/28/2021	2021 Rate Settlement -Vision FL
Mule Creek	1	Bay	Tracking	-	3	2024	74.5	74.9	40.0	3.7	~710	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Winquepin	1	Madison	Tracking	-	3	2024	74.5	74.9	40.0	3.7	~530	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Falmouth	1	Suwannee	Tracking	-	6	2024	74.5	74.9	40.0	3.7	~775	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
County Line	1	Gilchrist	Tracking	-	8	2024	74.9	74.9	40.2	3.7	~615	PSC-2021-0059A-S-EI	9/23/2022	Clean Energy Connection
Suwannee BESS	1	Suwannee	N/A	Non-Li	5	2025	5.0	5.0	4.5	4.5	~1	PSC-2021-0202A-AS-EI	6/28/2021	2021 Rate Settlement -Vision FL
Sundance	1	Madison	Tracking	-	7	2025	74.9	74.9	25.8	3.7	~500-600	PSC-2025-0212-PAA-EI	6/18/2025	2024 Rate Settlement -SoBRA 1
Half Moon	1	Sumter	Tracking	-	11	2025	74.9	74.9	25.8	3.7	~500-600	PSC-2025-0212-PAA-EI	6/18/2025	2024 Rate Settlement -SoBRA 1
Rattler	1	Hernando	Tracking	-	11	2025	74.9	74.9	25.8	3.7	~500-600	PSC-2025-0212-PAA-EI	6/18/2025	2024 Rate Settlement -SoBRA 1
Jumper Creek	1	Sumter	Tracking	-	5	2026	74.9	74.9	27.3	3.3	~500-600	PSC-2026-0064 PAA-EI	3/18/2026	2024 Rate Settlement-SoBRA 2
Bailey Mill	1	Jefferson	Fixed	-	8	2026	74.9	74.9	25.8	3.7	~500-600	PSC-2025-0212-PAA-EI	6/18/2025	2024 Rate Settlement -SoBRA 1
Turnpike	1	Osceola	Tracking	-	3	2027	74.9	74.9	27.3	3.3	~500-600	PSC-2026-0064 PAA-EI	3/18/2026	2024 Rate Settlement-SoBRA 2
Powerline BESS	1	Citrus	N/A	Lithium Ion	3	2027	100.0	100.0	96.0	85.0	~10	PSC-2024-0472-AS-EI	11/12/2024	2024 Rate Settlement
Banner	1	Columbia	Tracking	-	4	2027	74.5	74.5	27.2	3.3	~500-600	PSC-2026-0064 PAA-EI	3/18/2026	2024 Rate Settlement-SoBRA 2
Lonesome Camp	1	Osceola	Tracking	-	5	2027	74.9	74.9	27.3	3.3	~500-600	PSC-2026-0064 PAA-EI	3/18/2026	2024 Rate Settlement-SoBRA 2
Higdon Solar	1	Madison	Tracking	-	12	2027	74.9	74.9	25.1	3.1	~500-600	Pending	Pending	2024 Rate Settlement-SoBRA
Nova Solar	1	Orange	Tracking	-	12	2027	74.9	74.9	25.1	3.1	~500-600	Pending	Pending	2024 Rate Settlement-SoBRA
Bull Creek Solar	1	Orange	Tracking	-	2	2028	74.9	74.9	25.1	3.1	~500-600	Pending	Pending	2024 Rate Settlement-SoBRA
Wewahootee	1	Orange	Tracking	-	3	2028	74.9	74.9	25.1	3.1	~500-600	Pending	Pending	2024 Rate Settlement-SoBRA
Renewable Energy Center # 01	1	Unknown	Tracking	-	6	2028	74.9	74.9	22.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 02	1	Unknown	Tracking	-	6	2028	74.9	74.9	22.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 03	1	Unknown	Tracking	-	6	2028	74.9	74.9	22.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 04	1	Unknown	Tracking	-	6	2028	74.9	74.9	22.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 05	1	Unknown	Tracking	-	6	2028	74.9	74.9	22.6	4.2	~500-600	Pending	Pending	Pending
Bartow BESS	1	Pinellas	N/A	Lithium Ion	10	2028	225.0	225.0	216.0	191.3	~20	Pending	Pending	Pending
Co-located BESS # 01	1	Unknown		Lithium Ion	6	2029	100.0	100.0	96.0	85.0	~10	Pending	Pending	Pending
Renewable Energy Center # 06	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 07	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 08	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 09	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 10	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 11	1	Unknown	Tracking	-	6	2029	74.9	74.9	19.6	4.2	~500-600	Pending	Pending	Pending
Co-located BESS # 02	1	Unknown	N/A	Lithium Ion	6	2030	150.0	150.0	143.3	115.5	~10	Pending	Pending	Pending
Renewable Energy Center # 12	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 13	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 14	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 15	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 16	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 17	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 18	1	Unknown	Tracking	-	6	2030	74.9	74.9	17.1	4.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 19	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 20	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 21	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 22	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 23	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 24	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 25	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 26	1	Unknown	Tracking	-	6	2031	74.9	74.9	15.0	3.7	~500-600	Pending	Pending	Pending
Renewable Energy Center # 27	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 28	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 29	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 30	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 31	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 32	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 33	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 34	1	Unknown	Tracking	-	6	2032	74.9	74.9	12.5	3.2	~500-600	Pending	Pending	Pending
Renewable Energy Center # 35	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 36	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 37	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 38	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 39	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 40	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 41	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 42	1	Unknown	Tracking	-	6	2033	74.9	74.9	11.9	3.1	~500-600	Pending	Pending	Pending
Co-located BESS # 03	1	Unknown	N/A	Lithium Ion	6	2034	525.0	525.0	468.8	324.3	~10	Pending	Pending	Pending
Standalone BESS # 04	1	Unknown	N/A	Lithium Ion	6	2034	300.0	300.0	255.0	234.0	~30	Pending	Pending	Pending
Renewable Energy Center # 43	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending

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Facility Name	Unit No.	County Location	Solar Type	Energy Storage Type	Facility In-Service		Unit Capacity (MW)				Land Use	Commission Approval		Cost Recovery Mechanism
							Net		Firm					
			(Fixed/Tracking)		Mo	Yr	Sum	Win	Sum	Win	(Acres)	Order No.	Approval Date	
Renewable Energy Center # 44	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 45	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 46	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 47	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 48	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 49	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 50	1	Unknown	Tracking	-	6	2034	74.9	74.9	11.6	3.1	~500-600	Pending	Pending	Pending
Renewable Energy Center # 51	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 52	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 53	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 54	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 55	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 56	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 57	1	Unknown	Tracking	-	6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Renewable Energy Center # 58	1	Unknown	Tracking		6	2035	74.9	74.9	10.2	2.6	~500-600	Pending	Pending	Pending
Notes														
Battery Energy Storage Systems are denoted as (BESS). **Only 56.6 MW of Sandy Creek was approved under 2017 RRSSA -SoBRA 3, the remaining 18.3 MW approved under 2021 Rate Settlement.														

TYSP Year 2026
Question No. 49

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Final Decision ('Drop Dead') Date	Site Selection		Engineering / Permitting / Procurement		Constuction		Commercial In-Service Date
						Begins	Ends	Begins	Ends	Begins	Ends	
Undesignated CT	P1	Unknown	Gas Turbine	Natural Gas	1/1/2029	Q2/2024	Q4/2025	Q1/2026	Q2/2030	Q2 2029	Q2 2031	6/1/2031
Undesignated CT	P2	Unknown	Gas Turbine	Natural Gas	1/1/2029	Q2/2024	Q4/2025	Q1/2026	Q2/2030	Q2 2029	Q2 2031	6/1/2031
Undesignated CT	P3	Unknown	Gas Turbine	Natural Gas	1/1/2032	Q2/2027	Q4/2028	Q1/2029	Q2/2033	Q2/2032	Q2/2034	6/1/2034
Undesignated CT	P4	Unknown	Gas Turbine	Natural Gas	1/1/2032	Q2/2027	Q4/2028	Q1/2029	Q2/2033	Q2/2032	Q2/2034	6/1/2034

Notes

"Drop Dead Date" interpreted to mean the last date for project cancellation.

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Question No. 51

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Planned Modification (if any)	Eligible Modifications			Potential Issues
					Mo	Yr		Fuel Switching	Combined Cycle Conversion	Other (Explain)	
Hines	3	Polk	CC	Natural Gas	5	2026					N/A
Hines	4	Polk	CC	Natural Gas	12	2026					N/A
Notes											
(Include Notes Here)											

TYSP Year 2026
Question No. 53(a)

Facility or Project Name	Unit No.	County Location	Energy Storage Type	Battery Chemistry (if applicable)	Land Use	Facility In-Service or Project Start Date		Unit Capacity (MW)						Storage Capacity	Conversion Efficency
								Gross		Net		Firm			
					(Acres)	Mo	Yr	Sum	Win	Sum	Win	Sum	Win	(MWh)	(%)
USF Microgrid Energy Storage Pilot		Pinellas	Battery Energy Storage System	Lithium Ion	0.1	7	2018	0.25	0.25	0.25	0.25	0.23	0.225	0.48	88.0%
Trenton		Gilchrist	Battery Energy Storage System	Lithium Ion	0.5	12	2021	11	11	11	11	9.9	9.9	15.6	83.2%
Lake Placid Bess		Highlands	Battery Energy Storage System	Lithium Ion	3	12	2021	17.3	17.3	17.3	17.3	15.57	15.57	50.3	83.5%
Cape San Blas		Gulf	Battery Energy Storage System	Lithium Ion	0.5	2	2022	5.5	5.5	5.5	5.5	4.95	4.95	20.5	83.5%
Jennings		Hamilton	Battery Energy Storage System	Lithium Ion	0.5	4	2022	5.5	5.5	5.5	5.5	4.95	4.95	8.5	84.0%
Duke/UCF Long-Duration Energy Storage Project		Orange	Battery Energy Storage System	Vanadium Flow	0.1	7	2022	0.01	0.01	0.01	0.01	0.009	0.009	0.04	75.0%
Micanopy		Alachua	Battery Energy Storage System	Lithium Ion	0.5	8	2022	8.25	8.25	8.25	8.25	7.425	7.425	18.2	83.5%
John Hopkins Microgrid		Pinellas	Battery Energy Storage System	Lithium Ion	1	11	2023	2.48	2.48	2.48	2.48	2.232	2.232	23.5	83.5%
Suwannee Long Duration Energy Storage		Suwannee	Battery Energy Storage System	Sodium Sulfur	2	5	2025	5	5	5	5	4.5	4.5	40	80.0%
Notes															
(Include Notes Here)															

TYSP Year 2026
Question No. 53(b)

Facility or Project Name	Unit No.	County Location	Energy Storage Type	Battery Chemistry (if applicable)	Land Use	Facility In-Service or Project Start Date		Unit Capacity (MW)						Storage Capacity	Conversion Efficency
								Gross		Net		Firm			
					(Acres)	Mo	Yr	Sum	Win	Sum	Win	Sum	Win	(MWh)	(MWh)
Powerline BESS	1	Citrus	Battery Energy Storage System	Lithium Ion	10	3	2027	100	100	100	100	96	85	200	85%
Bartow BESS	1	Pinellas	Battery Energy Storage System	Lithium Ion	20	10	2028	225	225	225	225	216	191	900	85%
Co-located BESS # 01	1	Undetermined	Battery Energy Storage System	Lithium Ion	~10	6	2029	100	100	100	100	96	85	400	85%
Co-located BESS # 02	1	Undetermined	Battery Energy Storage System	Lithium Ion	~10	6	2030	150	150	150	150	143	116	600	85%
Co-located BESS # 03	1	Undetermined	Battery Energy Storage System	Lithium Ion	~10	6	2034	525	525	525	525	469	324	2100	85%
Standalone BESS # 04	1	Undetermined	Battery Energy Storage System	Lithium Ion	~30	6	2034	300	300	300	300	255	234	2400	85%
Notes															
(Include Notes Here)															

TYSP Year 2026
Question No. 60

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Certification Dates (if Applicable)	
					Mo	Yr	Need (Commission)	PPSA Certified
Undesignated CT	P1	Unknown	Gas Turbine	Natural Gas	June	2031	Not Required	Not Required
Undesignated CT	P2	Unknown	Gas Turbine	Natural Gas	June	2031	Not Required	Not Required
Undesignated CT	P3	Unknown	Gas Turbine	Natural Gas	June	2034	Not Required	Not Required
Undesignated CT	P4	Unknown	Gas Turbine	Natural Gas	June	2034	Not Required	Not Required
Notes								
(Include Notes Here)								

TYSP Year 2026
Question No. 62(a)

Contract Information						Provide If Associated with Specific Unit(s)													
Seller Name	Date Contract Approved	Contract Terms				Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
		Firm Capacity (MW)		Delivery Dates									Gross		Net		Firm	
		Sum	Win	Start	End						Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Traditional																		
Northern Star Generation	7/1/1991	104	104	12/16/1995	12/31/2025	Orange Cogen	1	Polk	CC	NG	6	1995	104	104	104	104	104	104
Northern Star Generation	Ongoing through the Fuel Clause	655	699	6/1/2012	5/31/2027	Vandolah Power	1-4	Hardee	GT	NG	6	2002	655	699	655	699	655	699
Renewable																		
Pasco County	N/A	N/A	N/A	1/1/2025	N/A	Pasco County Resource Recovery	1	Pasco	ST	MSW	1	1991	23	23	23	23	N/A	N/A
Pinellas County	N/A	N/A	N/A	1/1/2025	N/A	Pinellas County Resource Recovery	1	Pinellas	ST	MSW	5	1983	55	55	55	55	N/A	N/A
Lake County	N/A	N/A	N/A	7/1/2014	N/A	Lake County Resource Recovery	1	Lake	ST	MSW	3	1991	N/A	N/A	N/A	N/A	N/A	N/A
Lee County	N/A	N/A	N/A	1/1/2017	N/A	Lee County Resource Recovery	1	Lee	ST	MSW	11	1994	N/A	N/A	N/A	N/A	N/A	N/A
PCS Phosphate	N/A	N/A	N/A	1/1/1980	N/A	Swift Creek	1	Hamilton	ST	WH	1	1980	N/A	N/A	N/A	N/A	N/A	N/A
G2 Energy Marion	N/A	N/A	N/A	1/1/2024	N/A	G2 Marion, LLC	1	Marion	CT	LNG	1	2009	N/A	N/A	N/A	N/A	N/A	N/A
Notes																		
(Include Notes Here)																		

TYSP Year 2026
Question No. 62(b)

Contract Information						Provide If Associated with Specific Unit(s)													
Seller Name	Date Contract Approved	Contract Terms				Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
		Firm Capacity (MW)		Delivery Dates									Gross		Net		Firm	
		Sum	Win	Start	End						Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Traditional																		
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Renewable																		
Lake Placid II LLC	N/A	N/A	N/A	12/31/2026	N/A	Highlands South	1	Highlands	PV	SO	TBD	2026	N/A	N/A	N/A	N/A	N/A	N/A
Notes																		
There are no planned PPAs deliviering traditional generation during the current planning period. Pasco County Resource Recovery and Pinellas County Resource Recovery enetered into As Available Tariff Agreements which commenced on																		

TYSP Year 2026
Question No. 61

Transmission Line	Line Length	Nominal Voltage	Certification Dates		In-Service Date
	(Miles)	(kV)	Need Approved	TLSA Certified	
DeLand West-Dona Vista	26.5	230	6/9/2025	1/20/2026	1/30/2030
Notes					
(Include Notes Here)					

TYSP Year 2026
Question No. 65(a)

Contract Information						Provide If Associated with Specific Unit(s)													
Buyer Name	Date Contract Approved	Contract Terms				Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)					
		Firm Capacity (MW)		Delivery Dates									Gross		Net		Firm	
		Sum	Win	Start	End						Mo	Yr	Sum	Win	Sum	Win	Sum	Win
Seminole	1/1/1997	0.014	0.014	6/1/1987	Evergreen	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seminole	8/29/2016	0	50-600	1/1/2021	3/31/2027	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seminole	9/21/2017	50-400	50-400	1/1/2021	12/31/2030	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seminole	9/21/2017	50-400	50-400	1/1/2021	12/31/2035	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seminole	9/21/2017	200	0	5/1/2025	9/30/2025	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tampa Electric	1/16/2019	0-500	0-500	1/26/2019	12/31/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Notes																		
(Include Notes Here)																		

TYSP Year 2026
Question No. 65(b)

Contract Information						Provide If Associated with Specific Unit(s)														
Buyer Name	Date Contract Approved	Contract Terms				Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)						Land Use
		Firm Capacity (MW)		Delivery Dates									Gross		Net		Firm		
		Sum	Win	Start	End						Mo	Yr	Sum	Win	Sum	Win	Sum	Win	(Acres)
Seminole	4/9/2026	225-300	0	5/1/2026	9/30/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seminole	4/9/2026	0 -100	0 -100	1/1/2028	12/31/2032	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Notes																			
These are amendments to existing contracts. They were not included in the 2026 TYSP since they were approved by FERC after 12/31/2025.																			

TYSP Year 2026
Question No. 68

Loss of Load Probability, Reserve Margin, and Expected Unserved Energy						
Base Case Load Forecast						
Year	Loss of Load Probability (Days/Yr)	Annual Isolated Reserve Margin (%) (Including Firm Purchases)	Expected Unserved Energy (MWh)	Loss of Load Probability (Days/Yr)	Annual Assisted Reserve Margin (%) (Including Firm Purchases)	Expected Unserved Energy (MWh)
2026		31%			31%	
2027		27%			27%	
2028		27%			27%	
2029		29%			29%	
2030		28%			28%	
2031		29%		0.06	29%	56
2032		35%			35%	
2033		35%			35%	
2034		31%			31%	
2035		27%		0.08	27%	148
Notes						
Duke Energy Florida is required to maintain a 20% Reserve Margin in all years. However, a LOLP was conducted on years 2031 and 2035.						

TYSP Year 2026
Question No. 69

Peak Summer Day Hourly Dispatch (MW)												
Hour	Customer Oriented		Power Transactions		Energy Storage		Generation Resources					
	Load	Demand Response	Sales	Purchases	Charging	Discharging	Nuclear	Natural Gas	Coal	Oil	Other	Solar
1	6,208.66	-	238.52	37.70	-	117.29		5,446.79	606.88	-		-
2	5,731.37	-	219.46	37.70	-	-		5,446.79	246.88	-		-
3	5,418.95	-	206.98	37.70	-	-		5,206.25	175.00	-		-
4	5,223.87	-	199.19	37.70	-	-		5,011.17	175.00	-		-
5	5,207.91	-	198.55	37.70	-	-		4,995.21	175.00	-		-
6	5,413.27	-	206.75	37.70	-	-		5,200.57	175.00	-		-
7	5,827.45	-	223.29	37.70	-	-		5,446.79	342.96	-		-
8	6,094.25	-	233.95	37.70	-	58.67		5,446.79	284.61	-		266.48
9	6,516.69	-	250.81	37.70	475.00	-		4,180.01	175.00	-		2,598.98
10	7,689.10	-	297.62	37.70	575.00	-		3,874.16	175.00	-		4,177.23
11	7,758.95	-	300.40	37.70	575.00	-		3,471.67	175.00	-		4,649.58
12	8,422.47	-	326.90	37.70	510.29	-		3,963.36	175.00	-		4,756.71
13	9,011.74	-	350.43	37.70	335.29	-		4,739.53	175.00	-		4,394.81
14	9,521.95	-	370.80	37.70	-	-		4,887.51	175.00	-		4,421.74
15	9,795.45	-	381.73	37.70	-	-		5,380.69	350.00	-		4,027.06
16	9,940.81	-	387.54	37.70	-	-		6,323.40	710.00	-		2,869.71
17	9,972.35	-	388.80	37.70	-	-		6,560.41	710.00	-		2,664.24
18	10,275.85	-	400.94	37.70	-	50.72		7,057.00	710.00	-		2,420.44
19	9,779.88	-	381.14	37.70	-	443.00		7,281.00	710.00	-		1,308.18
20	9,351.99	-	364.06	37.70	-	575.00		7,521.41	710.00	311.56		196.31
21	8,886.14	-	345.45	37.70	-	542.91		7,521.41	710.00	60.00		14.11
22	8,272.72	-	320.95	37.70	-	431.43		7,079.48	710.00	-		14.11
23	7,514.43	-	290.67	37.70	-	56.94		6,709.79	710.00	-		-
24	6,733.70	-	259.49	37.70	-	-		5,986.00	710.00	-		-

TYSP Year 2026
Question No. 69

Peak Winter Day Hourly Dispatch (MW)												
Hour	Customer Oriented		Power Transactions		Energy Storage		Generation Resources					
	Total Load	Demand Response	Sales	Purchases	Charging	Discharging	Nuclear	Natural Gas	Coal	Oil	Other	Solar
1	6,315.46	-	242.53	37.70	-	-		5,742.76	535.00	-		-
2	6,609.87	-	254.27	37.70	-	66.07		5,785.10	721.00	-		-
3	6,845.41	-	263.66	37.70	77.73	-		5,663.00	1,222.44	-		-
4	7,237.07	-	279.28	37.70	-	-		5,757.37	1,442.00	-		-
5	7,636.44	-	295.21	37.70	-	78.05		6,078.69	1,442.00	-		-
6	8,642.19	-	335.32	37.70	-	400.00		6,762.49	1,442.00	-		-
7	9,880.79	22.09	384.72	37.70	-	500.00		7,403.00	1,442.00	476.00		-
8	10,287.74	88.74	400.94	37.70	-	500.00		7,433.00	1,442.00	749.00		37.30
9	10,179.58	-	396.64	37.70	-	321.95		6,354.00	1,442.00	-		2,023.93
10	9,653.79	-	375.66	37.70	-	-		5,085.97	722.00	-		3,808.13
11	8,832.71	-	342.89	37.70	-	-		4,503.15	350.00	-		3,941.86
12	7,992.84	-	309.39	37.70	-	-		3,634.29	350.00	-		3,970.85
13	7,078.03	-	272.90	37.70	282.35	-		3,083.28	350.00	-		3,889.40
14	6,465.73	-	248.48	37.70	400.00	-		2,571.17	350.00	-		3,906.86
15	6,056.91	-	232.18	37.70	500.00	-		2,200.79	350.00	-		3,968.42
16	6,055.85	-	232.15	37.70	500.00	-		2,227.95	350.00	-		3,940.20
17	6,037.02	-	231.42	37.70	435.29	-		3,103.59	350.00	-		2,981.02
18	6,787.68	-	261.37	37.70	-	-		5,642.00	758.15	-		349.84
19	7,794.88	-	301.54	37.70	-	412.73		5,893.00	1,442.00	-		9.45
20	7,910.34	-	306.15	37.70	-	400.00		6,021.19	1,442.00	-		9.45
21	8,020.47	-	310.54	37.70	-	366.40		6,164.92	1,442.00	-		9.45
22	7,738.30	-	299.28	37.70	-	473.60		5,785.00	1,442.00	-		-
23	7,463.97	-	288.34	37.70	-	147.27		5,837.00	1,442.00	-		-
24	7,201.53	-	277.87	37.70	-	-		5,764.00	1,399.83	-		-

TYSP Year 2026
Question No. 72

Year		Firm Purchase Rates		Non-Firm Purchase Rates		As-Available Energy Rates		
		Annual Average ($/MWh)	Escalation Rate (%)	Annual Average ($/MWh)	Escalation Rate (%)	Annual Average ($/MWh)	On-Peak Average ($/MWh)	Off-Peak Average ($/MWh)
Actual	2016	37.98	-47%	31.82	-26%	25.97	29.79	22.73
	2017	43.78	15%	33.00	4%	28.97	32.44	26.03
	2018	46.91	7%	46.95	42%	30.84	34.80	27.49
	2019	40.12	-14%	36.76	-22%	23.71	27.22	20.73
	2020	35.80	-11%	31.32	-15%	18.57	21.22	16.33
	2021	52.19	46%	53.11	70%	34.45	40.53	29.30
	2022	85.75	64%	105.54	99%	61.67	73.74	51.45
	2023	53.76	-37%	60.49	-43%	24.47	28.56	21.00
	2024	39.60	-26%	61.68	2%	21.80	25.32	18.81
	2025	71.14	80%	98.75	60%	32.10	37.10	27.87
Projected	2026	54.95	-23%	39.57	-60%	34.20	38.24	30.79
	2027	46.12	-16%	42.56	8%	34.37	38.56	30.82
	2028			39.05	-8%	32.67	36.20	29.69
	2029			38.84	-1%	29.91	32.43	27.79
	2030			33.02	-15%	27.89	29.91	26.19
	2031			34.30	4%	28.28	30.35	26.52
	2032			38.20	11%	32.90	34.56	31.50
	2033			42.26	11%	38.41	39.96	37.09
	2034			45.48	8%	43.21	44.07	42.48
	2035			48.00	6%	44.72	45.06	44.44

Notes

Firm purchase costs don't include capacity payments.

Firm purchase of Orange Cogeneration and non-firm purchases, Pinellas and Pasco, as well as the As Available CC, ended 12/31/2025

This year, both the Actuals and the Projected As-Available payment rates shown reflect all components but for the delivery voltage adjustment (because the generator's interconnection level is unknown) defined under rule 25-17.0825(2)(a). These components include: identifiable variable operating and maintenance expenses, start up costs, and a reasonable as-available block size of solar QF generation for appropriate customer protections. The Projected values are only valid and effective as of December 31, 2025 due to the volume of potential solar QF activity and fuel price volatility. DEF also anticipates that at some point, the system will have increasing amounts of time when the required DEF system resources along with potential solar QF generation may exceed DEF load levels and that excess generation is not fully captured in the Projected values herein.

TYSP Year 2026
Question No. 73

Year		Uranium		Coal		Natural Gas		Residual Oil		Distillate Oil		Hydrogen		Other (Specify)	
		GWh	$/MMBTU	GWh	$/MMBTU	GWh	$/MMBTU	GWh	$/MMBTU	GWh	$/MMBTU	GWh	$/MMBTU	GWh	$/MMBTU
Actual	2016	-	-	8,885	3.62	24,807	4.09	-	-	77.00	18.66	-	-	-	-
	2017	-	-	8,722	3.44	27,307	4.26	-	-	62.00	16.43	-	-	-	-
	2018	-	-	8,422	3.20	28,687	4.52	-	-	90.00	19.80	-	-	-	-
	2019	-	-	4,322	3.66	35,170	3.93	-	-	33.05	20.36	-	-	-	-
	2020	-	-	3,287	3.66	36,327	3.37	-	-	33.06	22.28	-	-	-	-
	2021	-	-	5,042	3.03	34,517	5.28	-	-	61.41	20.27	-	-	-	-
	2022	-	-	4,375	4.58	36,423	8.50	-	-	145.95	22.63	-	-	-	-
	2023	-	-	3,829	4.61	35,526	4.16	-	-	28.88	26.51	-	-	-	-
	2024	-	-	3,262	4.41	37,494	3.74	-	-	29.53	25.75	-	-	-	-
	2025	-	-	3,837	4.14	36,346	5.01	-	-	34.05	24.16	0.1		-	-
Projected	2026	-	-	2,012	3.96	36,709	4.31	-	-	2.65	15.33	-	-	-	-
	2027	-	-	1,854	4.06	36,918	4.29	-	-	8.68	15.39	-	-	-	-
	2028	-	-	1,871	4.18	35,943	4.01	-	-	16.07	15.36	-	-	-	-
	2029	-	-	1,374	4.28	35,737	3.83	-	-	9.00	15.42	-	-	-	-
	2030	-	-	1,051	4.39	35,477	3.68	-	-	5.15	16.03	-	-	-	-
	2031	-	-	1,063	4.41	33,995	3.73	-	-	8.17	16.99	-	-	-	-
	2032	-	-	1,199	4.42	32,805	4.46	-	-	2.48	17.65	-	-	-	-
	2033	-	-	1,754	4.46	31,604	5.28	-	-	1.96	17.95	-	-	-	-
	2034	-	-	1,116	4.51	31,536	5.95	-	-	0.16	18.25	-	-	-	-
	2035	-	-			31,850	6.13	-	-	0.87	18.27	-	-	-	-

Notes

(Include Notes Here)

TYSP Year 2026

Question No. 81e

Year	Estimated Cost of Standards of Performance for Greenhouse Gas Emissions Rule for New Sources Impacts (Present-Year $ millions)			
	Capital Costs	O&M Costs	Fuel Costs	Total Costs
2026	0	0	0	0
2027	0	0	0	0
2028	0	0	0	0
2029	0	0	0	0
2030	0	0	0	0
2031	0	0	0	0
2032	0	0	0	0
2033	0	0	0	0
2034	0	0	0	0
2035	0	0	0	0
Notes				
(Include Notes Here)				

TYSP Year 2026
Question No. 83

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW) Net		Estimated EPA Rule Impacts: Operational Effects						
														CCR	
					Mo	Yr	Sum	Win	ELGS	ACE or replacement	MATS	CSAPR/ CAIR	CWIS	Non-Hazardous Waste	Special Waste
Anclote	1	Pasco	Steam	NG	Oct	1974	508	521	NA	NA	Convert to NG	Convert to NG	Impacted	NA	NA
Anclote	2	Pasco	Steam	NG	Oct	1978	497	504	NA	NA	Convert to NG	Convert to NG	Impacted	NA	NA
P L Bartow	CC	Pinellas	CC	NG	Jun	2009	1,166	1,200	NA	NA	NA	Dispatch Changes	Impacted	NA	NA
Citrus Combined Cycle	CC	Citrus	CC	NG	Oct	2018	1,641	1,862	NA	NA	NA	NA	Compliant as Constructed	NA	NA
Crystal River	4	Citrus	Steam	Coal	Dec	1982	712	721	Impacted	Impacted	Reagent, CEMS	FGD, SCR, Dispatch	Impacted	Impacted	NA
Crystal River	5	Citrus	Steam	Coal	Oct	1984	710	721	Impacted	Impacted	Reagent, CEMS	FGD, SCR, Dispatch	Impacted	Impacted	NA
Osprey	CC	Polk	CC	NG	May	2004	616	638	NA	NA	NA	NA	NA	NA	NA
Hines	1-4	Polk	CC	NG	Aug	1998	2,144	2,213	NA	NA	NA	Dispatch Changes	NA	NA	NA
Notes															

TYSP Year 2026
Question No. 84

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW)		Estimated EPA Rule Impacts: Cost Effects						
							Net		ELGS	ACE or replacement	MATS	CSAPR/ CAIR	CWIS	CCR	
					Mo	Yr	Sum	Win						Non-Hazardous Waste	Special Waste
Anclote	1	Pasco	Steam	Natural Gas	Oct	1974	508	521	N/A	N/A	0	0	15-130	N/A	N/A
Anclote	2	Pasco	Steam	Natural Gas	Oct	1978	497	504			0	0		N/A	N/A
P.L. Bartow	CC	Pinellas	CC	Natural Gas	Jun	2009	1,166	1,200	N/A	N/A	0	0	20 - 50	N/A	N/A
Crystal River	4	Citrus	Steam	Coal	Dec	1982	712	721	TBD	TBD	0	0	1 - 3	TBD	0
Crystal River	5	Citrus	Steam	Coal	Oct	1984	710	721			0	0			0
Notes															
(Include Notes Here)															

TYSP Year 2026
Question No. 85

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Capacity (MW) Net		Estimated EPA Rule Impacts: Unit Availability						
					Mo	Yr	Sum	Win	ELGS	ACE or replacement	MATS	CSAPR/ CAIR	CWIS	CCR Non-Hazardous Waste	CCR Special Waste
Anclote	1	Pasco	Steam	NG	Oct	1974	508	521	NA	NA	NA	NA	TBD	NA	NA
Anclote	2	Pasco	Steam	NG	Oct	1978	497	504	NA	NA	NA	NA	TBD	NA	NA
P L Bartow	CC	Pinellas	CC	NG	Jun	2009	1,166	1,200	NA	NA	NA	NA	TBD	NA	NA
Citrus CC	CC	Citrus	CC	NG	Oct	2018	1,641	1,862	NA	NA	NA	NA	NA	NA	NA
Crystal River	4	Citrus	Steam	Coal	Dec	1982	712	721	NA	TBD	NA	NA	NA	TBD	NA
Crystal River	5	Citrus	Steam	Coal	Oct	1984	710	721	NA	TBD	NA	NA	NA	TBD	NA
Osprey	CC	Polk	CC	NG	May	2004	616	638	NA	NA	NA	NA	NA	NA	NA
Hines	1-4	Polk	CC	NG	Aug	1998	2,144	2,213	NA	NA	NA	NA	NA	NA	NA
Notes															

DUKE ENERGY FLORIDA

TYSP Forecast Error Evaluation Form

Data is NOT weather adjusted

	Actual	Net Energy for Load (NEL) Forecast GWH																				
	Sys NEL	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP
Year	(GWH)	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
2005	46,878	45,745	46,722																				
2006	46,041	47,120	46,993	46,167																			
2007	47,633	48,044	48,329	47,759	48,194																		
2008	47,658	49,047	49,446	49,076	49,468	48,734																	
2009	44,124	50,147	50,299	50,148	50,609	49,768	48,556																
2010	46,160	51,263	51,998	52,006	52,516	51,615	48,765	43,819															
2011	42,490	52,356	53,052	53,219	53,776	52,913	49,846	42,750	42,047														
2012	41,214	53,478	54,278	54,434	55,017	54,695	52,485	44,443	44,253	41,534													
2013	40,772	54,608	55,516	55,704	56,321	56,045	53,647	45,877	45,637	40,973	40,786												
2014	40,975		56,999	56,948	57,732	56,905	52,759	46,458	46,367	42,552	41,565	39,801											
2015	42,280			58,211	59,074	58,166	53,117	46,815	46,794	43,633	42,549	40,490	41,426										
2016	42,854				60,460	59,448	53,644	46,477	46,176	43,596	43,421	41,098	41,947	41,277									
2017	42,919					60,836	54,612	46,343	46,128	43,823	43,824	41,375	42,365	41,932	41,475								
2018	44,224						55,614	46,932	46,674	44,533	44,452	41,995	42,779	42,417	41,887	43,060							
2019	44,801							47,922	47,814	45,854	45,037	43,013	43,572	43,044	42,520	43,331	43,206						
2020	44,814								48,390	46,576	45,654	43,998	44,069	43,559	43,127	44,063	43,620	43,645					
2021	45,064									47,180	46,179	44,419	44,322	43,895	43,463	44,555	43,949	43,939	43,103				
2022	46,141										46,689	44,870	44,681	44,289	43,751	45,088	44,519	44,591	44,980	43,440			
2023	44,049											45,459	45,080	44,679	44,089	45,515	44,466	44,536	44,424	43,432	42,897		
2024	44,200												45,544	44,982	44,428	46,057	44,813	44,880	45,010	43,750	44,352	43,418	
2025	43,580													45,227	44,645	46,475	44,732	44,721	44,624	43,495	43,744	43,519	43,447

	Actual	DEF System Net Energy For Load Forecast Variances - %																				
	NEL	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP
Year	(GWH)	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
2005	46,878	2.5%	0.3%																				
2006	46,041	-2.3%	-2.0%	-0.3%																			
2007	47,633	-0.9%	-1.4%	-0.3%	-1.2%																		
2008	47,658	-2.8%	-3.6%	-2.9%	-3.7%	-2.2%																	
2009	44,124	-12.0%	-12.3%	-12.0%	-12.8%	-11.3%	-9.1%																
2010	46,160	-10.0%	-11.2%	-11.2%	-12.1%	-10.6%	-5.3%	5.3%															
2011	42,490	-18.8%	-19.9%	-20.2%	-21.0%	-19.7%	-14.8%	-0.6%	1.1%														
2012	41,214	-22.9%	-24.1%	-24.3%	-25.1%	-24.6%	-21.5%	-7.3%	-6.9%	-0.8%													
2013	40,772	-25.3%	-26.6%	-26.8%	-27.6%	-27.3%	-24.0%	-11.1%	-10.7%	-0.5%	0.0%												
2014	40,975		-28.1%	-28.0%	-29.0%	-28.0%	-22.3%	-11.8%	-11.6%	-3.7%	-1.4%	2.9%											
2015	42,280			-27.4%	-28.4%	-27.3%	-20.4%	-9.7%	-9.6%	-3.1%	-0.6%	4.4%	2.1%										
2016	42,854				-29.1%	-27.9%	-20.1%	-7.8%	-7.2%	-1.7%	-1.3%	4.3%	2.2%	3.8%									
2017	42,919					-29.5%	-21.4%	-7.4%	-7.0%	-2.1%	-2.1%	3.7%	1.3%	2.4%	3.5%								
2018	44,224						-20.5%	-5.8%	-5.3%	-0.7%	-0.5%	5.3%	3.4%	4.3%	5.6%	2.7%							
2019	44,801							-6.5%	-6.3%	-2.3%	-0.5%	4.2%	2.8%	4.1%	5.4%	3.4%	3.7%						
2020	44,814								-7.4%	-3.8%	-1.8%	1.9%	1.7%	2.9%	3.9%	1.7%	2.7%	2.7%					
2021	45,064									-4.5%	-2.4%	1.5%	1.7%	2.7%	3.7%	1.1%	2.5%	2.6%	4.6%				
2022	46,141										-1.2%	2.8%	3.3%	4.2%	5.5%	2.3%	3.6%	3.5%	2.6%	6.2%			
2023	44,049											-3.1%	-2.3%	-1.4%	-0.1%	-3.2%	-0.9%	-1.1%	-0.8%	1.4%	2.7%		
2024	44,200												-3.0%	-1.7%	-0.5%	-4.0%	-1.4%	-1.5%	-1.8%	1.0%	-0.3%	1.8%	
2025	43,580													-3.6%	-2.4%	-6.2%	-2.6%	-2.6%	-2.3%	0.2%	-0.4%	0.1%	0.3%

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TYSP Forecast Error Evaluation Form

	Actual	DEF System Customer Forecast																				
Year	System Customers	TYSP 2004	TYSP 2005	TYSP 2006	TYSP 2007	TYSP 2008	TYSP 2009	TYSP 2010	TYSP 2011	TYSP 2012	TYSP 2013	TYSP 2014	TYSP 2015	TYSP 2016	TYSP 2017	TYSP 2018	TYSP 2019	TYSP 2020	TYSP 2021	TYSP 2022	TYSP 2023	TYSP 2024	TYSP 2025
2005	1,583,387	1,567,693	1,574,447																			
2006	1,620,354	1,595,069	1,603,600	1,608,403																		
2007	1,632,359	1,623,037	1,632,925	1,639,122	1,645,969																	
2008	1,638,929	1,651,611	1,662,016	1,669,301	1,679,343	1,662,325																
2009	1,630,166	1,680,503	1,690,993	1,699,499	1,712,064	1,694,687	1,639,432															
2010	1,634,191	1,708,932	1,719,780	1,729,379	1,744,641	1,727,055	1,649,751	1,629,536														
2011	1,642,376	1,736,295	1,748,339	1,758,708	1,777,280	1,759,469	1,670,011	1,642,845	1,642,842													
2012	1,695,713	1,762,757	1,776,709	1,787,722	1,810,126	1,791,810	1,696,126	1,663,026	1,663,023	1,651,398												
2013	1,671,220	1,788,650	1,804,949	1,816,528	1,843,147	1,824,240	1,726,408	1,688,549	1,688,549	1,669,205	1,673,018											
2014	1,695,711		1,833,114	1,845,178	1,876,090	1,856,553	1,757,554	1,715,811	1,715,811	1,696,574	1,696,482	1,692,614										
2015	1,721,551			1,873,800	1,908,680	1,888,544	1,788,202	1,743,531	1,743,531	1,729,077	1,723,531	1,718,930	1,719,415									
2016	1,748,131				1,940,633	1,918,178	1,817,295	1,770,640	1,770,640	1,758,211	1,750,008	1,745,332	1,745,429	1,748,147								
2017	1,775,472					1,947,284	1,844,978	1,797,062	1,797,062	1,786,510	1,777,249	1,771,848	1,772,592	1,776,705	1,778,929							
2018	1,802,714						1,871,706	1,823,014	1,823,014	1,813,830	1,805,116	1,797,281	1,800,353	1,805,008	1,809,791	1,806,086						
2019	1,831,269							1,848,690	1,848,690	1,840,809	1,833,202	1,821,256	1,828,216	1,833,370	1,840,246	1,835,638	1,832,032					
2020	1,863,385								1,874,295	1,867,682	1,861,162	1,844,727	1,855,717	1,861,625	1,870,068	1,865,057	1,857,355	1,856,728				
2021	1,878,278									1,894,632	1,888,704	1,867,398	1,882,508	1,889,404	1,898,760	1,894,148	1,886,392	1,883,227	1,893,024			
2022	1,933,061										1,915,812	1,889,454	1,908,539	1,916,504	1,926,509	1,922,333	1,915,022	1,910,532	1,923,069	1,936,334		
2023	1,968,221											1,910,206	1,933,889	1,943,000	1,953,422	1,949,980	1,943,546	1,938,607	1,952,290	1,973,754	1,975,742	
2024	2,009,470												1,958,651	1,969,029	1,979,613	1,976,930	1,971,768	1,966,893	1,980,697	2,010,971	2,013,982	1,996,557
2025	2,037,989													1,994,675	2,005,194	2,003,033	1,999,184	1,995,322	2,008,458	2,048,074	2,051,615	2,032,087	2,040,254

	Actual	DEF System Customer Forecast Variances - %																				
Year	System Customers	TYSP 2004	TYSP 2005	TYSP 2006	TYSP 2007	TYSP 2008	TYSP 2009	TYSP 2010	TYSP 2011	TYSP 2012	TYSP 2013	TYSP 2014	TYSP 2015	TYSP 2016	TYSP 2017	TYSP 2018	TYSP 2019	TYSP 2020	TYSP 2021	TYSP 2022	TYSP 2023	TYSP 2024	TYSP 2025
2005	1,583,387	1.0%	0.6%																			
2006	1,620,354	1.6%	1.0%	0.7%																		
2007	1,632,359	0.6%	0.0%	-0.4%	-0.8%																	
2008	1,638,929	-0.8%	-1.4%	-1.8%	-2.4%	-1.4%																
2009	1,630,166	-3.0%	-3.6%	-4.1%	-4.8%	-3.8%	-0.6%															
2010	1,634,191	-4.4%	-5.0%	-5.5%	-6.3%	-5.4%	-0.9%	0.3%														
2011	1,642,376	-5.4%	-6.1%	-6.6%	-7.6%	-6.7%	-1.7%	0.0%	0.0%													
2012	1,695,713	-3.8%	-4.6%	-5.1%	-6.3%	-5.4%	0.0%	2.0%	2.0%	2.7%												
2013	1,671,220	-6.6%	-7.4%	-8.0%	-9.3%	-8.4%	-3.2%	-1.0%	-1.0%	0.1%	-0.1%											
2014	1,695,711		-7.5%	-8.1%	-9.6%	-8.7%	-3.5%	-1.2%	-1.2%	-0.1%	0.0%	0.2%										
2015	1,721,551			-8.1%	-9.8%	-8.8%	-3.7%	-1.3%	-1.3%	-0.4%	-0.1%	0.2%	0.1%									
2016	1,748,131				-9.9%	-8.9%	-3.8%	-1.3%	-1.3%	-0.6%	-0.1%	0.2%	0.2%	0.0%								
2017	1,775,472					-8.8%	-3.8%	-1.2%	-1.2%	-0.6%	-0.1%	0.2%	0.2%	-0.1%	-0.2%							
2018	1,802,714						-3.7%	-1.1%	-1.1%	-0.6%	-0.1%	0.3%	0.1%	-0.1%	-0.4%	-0.2%						
2019	1,831,269							-0.9%	-0.9%	-0.5%	-0.1%	0.5%	0.2%	-0.1%	-0.5%	-0.2%	0.0%					
2020	1,863,385								-0.6%	-0.2%	0.1%	1.0%	0.4%	0.1%	-0.4%	-0.1%	0.3%	0.4%				
2021	1,878,278									-0.9%	-0.6%	0.6%	-0.2%	-0.6%	-1.1%	-0.8%	-0.4%	-0.3%	-0.8%			
2022	1,933,061										0.9%	2.3%	1.3%	0.9%	0.3%	0.6%	0.9%	1.2%	0.5%	-0.2%		
2023	1,968,221											3.0%	1.8%	1.3%	0.8%	0.9%	1.3%	1.5%	0.8%	-0.3%		
2024	2,009,470												2.6%	2.1%	1.5%	1.6%	1.9%	2.2%	1.5%	-0.1%	-0.2%	0.6%
2025	2,037,989													2.2%	1.6%	1.7%	1.9%	2.1%	1.5%	-0.5%	-0.7%	0.3%	-0.1%

DUKE ENERGY FLORIDA

TYSP Forecast Error Evaluation Form

Data is NOT weather adjusted

DEF Retail Summer Peak Forecast, No DR Activated

Year	Actual Retail Summer Peak (MW)	TYSP 2004	TYSP 2005	TYSP 2006	TYSP 2007	TYSP 2008	TYSP 2009	TYSP 2010	TYSP 2011	TYSP 2012	TYSP 2013	TYSP 2014	TYSP 2015	TYSP 2016	TYSP 2017	TYSP 2018	TYSP 2019	TYSP 2020	TYSP 2021	TYSP 2022	TYSP 2023	TYSP 2024	TYSP 2025
2005	8,565	8,122	8,154																				
2006	8,432	8,303	8,357	8,352																			
2007	8,861	8,486	8,554	8,576	8,816																		
2008	8,524	8,672	8,727	8,786	9,044	8,746																	
2009	8,643	8,863	8,899	8,986	9,247	8,953	8,631																
2010	8,328	9,047	9,089	9,181	9,453	9,138	8,687	8,428															
2011	8,343	9,224	9,278	9,376	9,661	9,340	8,837	8,461	8,488														
2012	7,946	9,395	9,465	9,568	9,864	9,544	9,021	8,562	8,564	8,536													
2013	8,195	9,561	9,651	9,759	10,069	9,747	9,267	8,723	8,705	8,611	8,732												
2014	8,404		9,836	9,946	10,270	9,941	9,465	8,822	8,791	8,759	8,871	8,705											
2015	8,446			10,142	10,479	10,146	9,667	8,905	8,870	8,972	9,038	8,944	8,843										
2016	8,779				10,698	10,326	9,813	8,956	8,933	9,146	9,199	9,207	9,073	9,018									
2017	8,520					10,506	9,991	9,042	9,027	9,330	9,381	9,477	9,235	9,140	8,866								
2018	8,492						10,163	9,137	9,120	9,503	9,561	9,626	9,387	9,315	8,992	8,691							
2019	8,985							9,238	9,215	9,689	9,756	9,806	9,576	9,485	9,107	8,813	8,791						
2020	8,746								9,314	9,872	9,950	9,959	9,775	9,615	9,244	8,907	8,858	8,781					
2021	8,671									10,050	10,136	9,952	9,934	9,746	9,336	9,000	8,917	8,820	8,693				
2022	8,932										10,310	10,067	10,090	9,874	9,427	9,094	8,993	8,893	8,862	8,746			
2023	9,492											10,173	10,241	9,999	9,519	9,189	9,058	8,933	8,955	8,756	8,612		
2024	8,863												10,390	10,121	9,611	9,300	9,139	8,979	9,055	8,824	9,054	9,121	
2025	9,321														9,671	9,392	9,209	9,009	9,111	8,851	9,099	9,245	9330

DEF Retail Summer Peak Forecast Variances - %

Year	Actual Retail Summer Peak (MW)	TYSP 2004	TYSP 2005	TYSP 2006	TYSP 2007	TYSP 2008	TYSP 2009	TYSP 2010	TYSP 2011	TYSP 2012	TYSP 2013	TYSP 2014	TYSP 2015	TYSP 2016	TYSP 2017	TYSP 2018	TYSP 2019	TYSP 2020	TYSP 2021	TYSP 2022	TYSP 2023	TYSP 2024	TYSP 2025
2005	8,565	5.4%	5.0%																				
2006	8,432	1.5%	0.9%	1.0%																			
2007	8,861	4.4%	3.6%	3.3%	0.5%																		
2008	8,524	-1.7%	-2.3%	-3.0%	-5.7%	-2.5%																	
2009	8,643	-2.5%	-2.9%	-3.8%	-6.5%	-3.5%	0.1%																
2010	8,328	-8.0%	-8.4%	-9.3%	-11.9%	-8.9%	-4.1%	-1.2%															
2011	8,343	-9.6%	-10.1%	-11.0%	-13.6%	-10.7%	-5.6%	-1.4%	-1.7%														
2012	7,946	-15.4%	-16.0%	-17.0%	-19.4%	-16.7%	-11.9%	-7.2%	-7.2%	-6.9%													
2013	8,195	-14.3%	-15.1%	-16.0%	-18.6%	-15.9%	-11.6%	-6.1%	-5.9%	-4.8%	-6.2%												
2014	8,404		-14.6%	-15.5%	-18.2%	-15.5%	-11.2%	-4.7%	-4.4%	-4.1%	-5.3%	-3.5%											
2015	8,446			-16.7%	-19.4%	-16.8%	-12.6%	-5.2%	-4.8%	-5.9%	-6.6%	-5.6%	-4.5%										
2016	8,779				-17.9%	-15.0%	-10.5%	-2.0%	-1.7%	-4.0%	-4.6%	-4.6%	-3.2%	-2.7%									
2017	8,520					-18.9%	-14.7%	-5.8%	-5.6%	-8.7%	-9.2%	-10.1%	-7.7%	-6.8%	-3.9%								
2018	8,492						-16.4%	-7.1%	-6.9%	-10.6%	-11.2%	-11.8%	-9.5%	-8.8%	-5.6%	-2.3%							
2019	8,985							-2.7%	-2.5%	-7.3%	-7.9%	-8.4%	-6.2%	-5.3%	-1.3%	2.0%	2.2%						
2020	8,746								-6.1%	-11.4%	-12.1%	-12.2%	-10.5%	-9.0%	-5.4%	-1.8%	-1.3%	-0.4%					
2021	8,671									-13.7%	-14.5%	-12.9%	-12.7%	-11.0%	-7.1%	-3.7%	-2.8%	-1.7%	-0.3%				
2022	8,932										-13.4%	-11.3%	-11.5%	-9.5%	-5.3%	-1.8%	-0.7%	0.4%	0.8%	2.1%			
2023	9,492											-6.7%	-7.3%	-5.1%	-0.3%	3.3%	4.8%	6.3%	6.0%	8.4%	10.2%		
2024	8,863												-14.7%	-12.4%	-7.8%	-4.7%	-3.0%	-1.3%	-2.1%	0.4%	-2.1%	-2.8%	
2025	9,321														-3.6%	-0.8%	1.2%	3.5%	2.3%	5.3%	2.4%	0.8%	-0.1%

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	Actual Retail	DEF Retail Winter Peak Forecast, No DR Activated																				
Year	Winter Peak (MW)	TYSP 2004	TYSP 2005	TYSP 2006	TYSP 2007	TYSP 2008	TYSP 2009	TYSP 2010	TYSP 2011	TYSP 2012	TYSP 2013	TYSP 2014	TYSP 2015	TYSP 2016	TYSP 2017	TYSP 2018	TYSP 2019	TYSP 2020	TYSP 2021	TYSP 2022	TYSP 2023	TYSP 2024	TYSP 2025
2004	7,585	8,676																				
2005	8,627	8,842	8,865																			
2006	8,679	9,009	9,035	9,066																		
2007	7,607	9,171	9,214	9,252	9,426																	
2008	8,454	9,336	9,386	9,456	9,701	9,447																
2009	9,085	9,506	9,556	9,632	9,881	9,578	9,371															
2010	10,686	9,677	9,723	9,810	10,059	9,754	9,345	9,159														
2011	8,909	9,839	9,890	9,984	10,244	9,931	9,427	9,122	9,173													
2012	7,817	9,995	10,049	10,149	10,422	10,102	9,561	9,203	9,247	9,045												
2013	7,201	10,145	10,208	10,312	10,601	10,282	9,761	9,343	9,379	9,056	9,224											
2014	7,671		10,367	10,477	10,781	10,450	9,927	9,438	9,464	9,141	9,309	9,070										
2015	8,438			10,641	10,951	10,616	10,087	9,523	9,542	9,316	9,443	8,881	9,222									
2016	7,649				11,174	10,783	10,217	9,571	9,604	9,488	9,585	9,133	9,399	9,227								
2017	6,837					10,939	10,378	9,641	9,695	9,650	9,739	9,385	9,517	9,353	8,941							
2018	9,249						10,531	9,737	9,785	9,815	9,904	9,654	9,630	9,460	9,063	8,985						
2019	6,707							9,836	9,877	9,984	10,086	9,807	9,782	9,608	9,174	9,118	8,949					
2020	7,794								9,971	10,148	10,261	9,926	9,942	9,764	9,313	9,211	9,054	9,191				
2021	7,629									10,312	10,434	10,029	10,064	9,886	9,411	9,435	9,157	9,322	8,720			
2022	8,202										10,598	10,143	10,184	10,005	9,507	9,508	9,229	9,419	8,912	8,889		
2023	8,110											10,224	10,302	10,123	9,600	9,602	9,285	9,494	9,041	8,925	8,663	
2024	6,859												10,416	10,240	9,697	9,697	9,374	9,603	9,170	8,997	8,974	9,142	
2025	8,091													10,356	9,757	9,729	9,407	9,587	9,199	9,019	8,970	9,192	9,297

	Actual	DEF Retail Winter Peak Forecast Variances - %																					
Year	Retail Winter Peak (MW)	TYSP 2004	TYSP 2005	TYSP 2006	TYSP 2007	TYSP 2008	TYSP 2009	TYSP 2010	TYSP 2011	TYSP 2012	TYSP 2013	TYSP 2014	TYSP 2015	TYSP 2016	TYSP 2017	TYSP 2018	TYSP 2019	TYSP 2020	TYSP 2021	TYSP 2022	TYSP 2023	TYSP 2024	TYSP 2025
2004	7,585	-12.6%																					
2005	8,627	-2.4%	-2.7%																				
2006	8,679	-3.7%	-3.9%	-4.3%																			
2007	7,607	-17.1%	-17.4%	-17.8%	-19.3%																		
2008	8,454	-9.4%	-9.9%	-10.6%	-12.9%	-10.5%																	
2009	9,085	-4.4%	-4.9%	-5.7%	-8.1%	-5.2%	-3.1%																
2010	10,686	10.4%	9.9%	8.9%	6.2%	9.6%	14.3%	16.7%															
2011	8,909	-9.5%	-9.9%	-10.8%	-13.0%	-10.3%	-5.5%	-2.3%	-2.9%														
2012	7,817	-21.8%	-22.2%	-23.0%	-25.0%	-22.6%	-18.2%	-15.1%	-15.5%	-13.6%													
2013	7,201	-29.0%	-29.5%	-30.2%	-32.1%	-30.0%	-26.2%	-22.9%	-23.2%	-20.5%	-21.9%												
2014	7,671		-26.0%	-26.8%	-28.8%	-26.6%	-22.7%	-18.7%	-18.9%	-16.1%	-17.6%	-15.4%											
2015	8,438			-20.7%	-22.9%	-20.5%	-16.3%	-11.4%	-11.6%	-9.4%	-10.6%	-5.0%	-8.5%										
2016	7,649				-31.5%	-29.1%	-25.1%	-20.1%	-20.4%	-19.4%	-20.2%	-16.2%	-18.6%	-17.1%									
2017	6,837					-37.5%	-34.1%	-29.1%	-29.5%	-29.2%	-29.8%	-27.2%	-28.2%	-26.9%	-23.5%								
2018	9,249						-12.2%	-5.0%	-5.5%	-5.8%	-6.6%	-4.2%	-4.0%	-2.2%	2.1%	2.9%							
2019	6,707							-31.8%	-32.1%	-32.8%	-33.5%	-31.6%	-31.4%	-30.2%	-26.9%	-26.4%	-25.1%						
2020	7,794								-21.8%	-23.2%	-24.0%	-21.5%	-21.6%	-20.2%	-16.3%	-15.4%	-13.9%	-15.2%					
2021	7,629									-26.0%	-26.9%	-23.9%	-24.2%	-22.8%	-18.9%	-19.1%	-16.7%	-18.2%	-12.5%				
2022	8,202										-22.6%	-19.1%	-19.5%	-18.0%	-13.7%	-13.7%	-11.1%	-12.9%	-8.0%	-7.7%			
2023	8,110											-20.7%	-21.3%	-19.9%	-15.5%	-15.5%	-12.7%	-14.6%	-10.3%	-9.1%	-6.4%		
2024	6,859												-34.1%	-33.0%	-29.3%	-29.3%	-26.8%	-28.6%	-25.2%	-23.8%	-23.6%	-25.0%	
2025	8,091													-21.9%	-17.1%	-16.8%	-14.0%	-15.6%	-12.0%	-10.3%	-9.8%	-12.0%	-13.0%

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	Act System	DEF System Summer Peak Forecast, No DR Activated																			
	Summer Pk	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP
Year	(MW)	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
2005	9,681	8,812	9,102																				
2006	9,689	9,193	9,350	9,458																			
2007	10,449	9,414	9,617	9,758	10,137																		
2008	10,036	9,576	9,820	10,008	10,382	10,089																	
2009	10,261	9,711	9,962	10,187	10,439	10,144	10,242																
2010	9,600	9,899	10,302	10,538	10,722	10,402	10,220	9,715															
2011	9,277	10,047	10,496	10,748	10,948	10,622	10,358	9,571	9,436														
2012	9,026	10,187	10,695	10,964	11,160	10,983	10,713	9,841	9,610	9,629													
2013	8,776	10,356	10,902	11,165	11,389	11,210	10,983	10,025	9,761	9,415	9,669												
2014	9,218		11,106	11,375	11,739	11,403	11,000	9,915	9,766	9,464	9,742	9,509											
2015	9,218			11,589	11,962	11,621	11,225	10,004	9,848	9,677	9,911	9,750	9,655										
2016	9,646				12,196	11,817	11,400	10,161	9,762	9,701	10,176	9,865	9,720	9,533									
2017	9,293					12,016	11,602	10,301	9,859	9,986	10,275	10,064	9,986	9,770	9,617								
2018	9,271						11,801	10,452	9,954	10,159	10,455	10,213	10,139	9,893	9,745	9,497							
2019	9,970							10,859	10,301	10,595	10,650	10,643	10,580	10,319	10,111	9,817	9,770						
2020	9,647								10,403	10,778	10,844	10,796	10,780	10,450	10,209	9,872	9,797	9,731					
2021	9,681									10,856	10,930	10,823	10,689	10,098	10,051	9,816	9,880	9,783	9,434				
2022	9,977										11,104	10,948	10,845	10,234	10,142	9,911	9,956	9,856	9,942	9,650			
2023	10,268											11,063	10,996	10,367	10,234	10,006	9,720	9,595	9,617	9,417	9,073		
2024	9,468												11,145	10,495	10,326	10,119	9,801	9,641	9,717	9,485	9,715	9,851	
2025	9,770													10,621	10,387	10,213	9,670	9,471	9,572	9,312	9,560	9,696	9,681
	Actual	DEF System Summer Peak Forecast Variances - %																					
	Summer	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP	TYSP
Year	Peak (MW)	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
2005	9,681	9.9%	6.4%																				
2006	9,689	5.4%	3.6%	2.4%																			
2007	10,449	11.0%	8.7%	7.1%	3.1%																		
2008	10,036	4.8%	2.2%	0.3%	-3.3%	-0.5%																	
2009	10,261	5.7%	3.0%	0.7%	-1.7%	1.2%	0.2%																
2010	9,600	-3.0%	-6.8%	-8.9%	-10.5%	-7.7%	-6.1%	-1.2%															
2011	9,277	-7.7%	-11.6%	-13.7%	-15.3%	-12.7%	-10.4%	-3.1%	-1.7%														
2012	9,026	-11.4%	-15.6%	-17.7%	-19.1%	-17.8%	-15.7%	-8.3%	-6.1%	-6.3%													
2013	8,776	-15.3%	-19.5%	-21.4%	-22.9%	-21.7%	-20.1%	-12.5%	-10.1%	-6.8%	-9.2%												
2014	9,218		-17.0%	-19.0%	-21.5%	-19.2%	-16.2%	-7.0%	-5.6%	-2.6%	-5.4%	-3.1%											
2015	9,218			-20.5%	-22.9%	-20.7%	-17.9%	-7.9%	-6.4%	-4.7%	-7.0%	-5.5%	-4.5%										
2016	9,646				-20.9%	-18.4%	-15.4%	-5.1%	-1.2%	-0.6%	-5.2%	-2.2%	-0.8%	1.2%									
2017	9,293					-22.7%	-19.9%	-9.8%	-5.7%	-6.9%	-9.6%	-7.7%	-6.9%	-4.9%	-3.4%								
2018	9,271						-21.4%	-11.3%	-6.9%	-8.7%	-11.3%	-9.2%	-8.6%	-6.3%	-4.9%	-2.4%							
2019	9,970							-8.2%	-3.2%	-5.9%	-6.4%	-6.3%	-5.8%	-3.4%	-1.4%	1.6%	2.0%						
2020	9,647								-7.3%	-10.5%	-11.0%	-10.6%	-10.5%	-7.7%	-5.5%	-2.3%	-1.5%	-0.9%					
2021	9,681									-10.8%	-11.4%	-10.6%	-9.4%	-4.1%	-3.7%	-1.4%	-2.0%	-1.0%	2.6%				
2022	9,977										-10.1%	-8.9%	-8.0%	-2.5%	-1.6%	0.7%	0.2%	1.2%	0.4%	3.4%			
2023	10,268											-7.2%	-6.6%	-1.0%	0.3%	2.6%	5.6%	7.0%	6.8%	9.0%	13.2%		
2024	9,468												-15.0%	-9.8%	-8.3%	-6.4%	-3.4%	-1.8%	-2.6%	-0.2%	-2.5%	-3.9%	
2025	9,770													-8.0%	-5.9%	-4.3%	1.0%	3.2%	2.1%	4.9%	2.2%	0.8%	0.9%

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Year	Act System Winter Peak (MW)	DEF System Winter Peak Forecast, No DR Activated																				
		TYSP 2004	TYSP 2005	TYSP 2006	TYSP 2007	TYSP 2008	TYSP 2009	TYSP 2010	TYSP 2011	TYSP 2012	TYSP 2013	TYSP 2014	TYSP 2015	TYSP 2016	TYSP 2017	TYSP 2018	TYSP 2019	TYSP 2020	TYSP 2021	TYSP 2022	TYSP 2023	TYSP 2024	TYSP 2025
2004	8,748	10,084																				
2005	10,226	10,350	10,636																			
2006	10,146	10,446	10,537	10,479																		
2007	9,182	10,885	11,021	10,992	11,137																	
2008	10,282	11,007	11,211	11,190	11,490	11,482																
2009	11,313	11,155	11,412	11,526	11,608	11,293	11,388															
2010	12,860	11,373	11,772	11,898	12,071	11,753	11,445	11,009														
2011	10,534	11,531	11,996	12,096	12,326	12,004	11,604	10,895	10,798													
2012	8,722	11,689	12,214	12,340	12,663	12,484	11,989	11,222	10,919	10,437												
2013	8,032	11,876	12,438	12,565	12,978	12,800	12,325	11,496	11,080	10,249	10,133											
2014	8,329		12,662	12,791	13,237	12,898	12,240	11,093	11,113	9,946	10,251	9,965										
2015	9,473			12,999	13,499	13,154	12,486	11,182	11,243	10,621	10,888	10,257	10,603									
2016	8,513				13,813	13,411	12,704	11,235	11,359	10,794	11,032	10,511	10,743	10,571								
2017	7,538					13,655	12,951	11,410	11,352	10,806	11,133	10,473	10,714	10,550	10,138							
2018	10,320						13,189	11,561	11,495	10,971	11,298	10,742	10,828	10,658	10,261	10,236						
2019	7,248							11,716	11,889	11,390	11,480	10,895	10,980	10,806	10,372	10,316	10,174					
2020	8,407								12,037	11,554	11,655	11,264	11,390	11,172	10,721	10,619	10,435	10,577				
2021	8,308									11,718	11,828	11,367	11,363	10,894	10,070	10,154	9,870	10,035	9,376			
2022	9,240										11,992	11,466	11,483	11,013	10,166	10,317	10,243	10,433	10,564	9,938		
2023	7,840											11,561	11,601	11,131	10,259	10,411	9,998	10,207	10,306	10,189	9,275	
2024	7,365												11,715	11,248	10,356	10,506	10,087	10,316	10,435	10,261	10,238	9,994
2025	9,009													11,364	10,416	10,538	9,919	10,099	10,263	10,082	10,033	10,244	10,249

Year	Actual Winter Peak (MW)	DEF System Winter Peak Forecast Variances - %																				
		TYSP 2004	TYSP 2005	TYSP 2006	TYSP 2007	TYSP 2008	TYSP 2009	TYSP 2010	TYSP 2011	TYSP 2012	TYSP 2013	TYSP 2014	TYSP 2015	TYSP 2016	TYSP 2017	TYSP 2018	TYSP 2019	TYSP 2020	TYSP 2021	TYSP 2022	TYSP 2023	TYSP 2024	TYSP 2025
2004	8,748	-13.2%																				
2005	10,226	-1.2%	-3.9%																			
2006	10,146	-2.9%	-3.7%	-3.2%																		
2007	9,182	-15.6%	-16.7%	-16.5%	-17.6%																	
2008	10,282	-6.6%	-8.3%	-8.1%	-10.5%	-10.5%																
2009	11,313	1.4%	-0.9%	-1.8%	-2.5%	0.2%	-0.7%															
2010	12,860	13.1%	9.2%	8.1%	6.5%	9.4%	12.4%	16.8%														
2011	10,534	-8.6%	-12.2%	-12.9%	-14.5%	-12.2%	-9.2%	-3.3%	-2.4%													
2012	8,722	-25.4%	-28.6%	-29.3%	-31.1%	-30.1%	-27.2%	-22.3%	-20.1%	-16.4%												
2013	8,032	-32.4%	-35.4%	-36.1%	-38.1%	-37.3%	-34.8%	-30.1%	-27.5%	-21.6%	-20.7%											
2014	8,329		-34.2%	-34.9%	-37.1%	-35.4%	-32.0%	-24.9%	-25.1%	-16.3%	-18.7%	-16.4%										
2015	9,473			-27.1%	-29.8%	-28.0%	-24.1%	-15.3%	-15.7%	-10.8%	-13.0%	-7.6%	-10.7%									
2016	8,513				-38.4%	-36.5%	-33.0%	-24.2%	-25.1%	-21.1%	-22.8%	-19.0%	-20.8%	-19.5%								
2017	7,538					-44.8%	-41.8%	-33.9%	-33.6%	-30.2%	-32.3%	-28.0%	-29.6%	-28.5%	-25.6%							
2018	10,320						-21.8%	-10.7%	-10.2%	-5.9%	-8.7%	-3.9%	-4.7%	-3.2%	0.6%	0.8%						
2019	7,248							-38.1%	-39.0%	-36.4%	-36.9%	-33.5%	-34.0%	-32.9%	-30.1%	-29.7%						
2020	8,407								-30.2%	-27.2%	-27.9%	-25.4%	-26.2%	-24.7%	-21.6%	-20.8%	-19.4%	-20.5%				
2021	8,308									-29.1%	-29.8%	-26.9%	-26.9%	-23.7%	-17.5%	-18.2%	-15.8%	-17.2%	-11.4%			
2022	9,240										-22.9%	-19.4%	-19.5%	-16.1%	-9.1%	-10.4%	-9.8%	-11.4%	-12.5%	-7.0%		
2023	7,840											-32.2%	-32.4%	-29.6%	-23.6%	-24.7%	-21.6%	-23.2%	-23.9%	-23.1%	-15.5%	
2024	7,365												-37.1%	-34.5%	-28.9%	-29.9%	-27.0%	-28.6%	-29.4%	-28.2%	-28.1%	-26.3%
2025	9,009													-20.7%	-13.5%	-14.5%	-9.2%	-10.8%	-12.2%	-10.6%	-10.2%	-12.1%	-12.1%