Seminole Electric
COOPERATIVE, INC.

May 6, 2026

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

Dear Mr. Teitzman:

Pursuant to Staff's email request dated February 26, 2026, Seminole Electric Cooperative, Inc. hereby submits for electronic filing the responses to the 2026 Ten-Year Site Plan – Staff's Data Request #1 Questions #3-86.

Please contact me if you have any questions or comments.

Sincerely,

Margaret Janzen

Margaret M. Janzen
Director
Corporate Planning
813-460-0037
mjanzen@seminole-electric.com

Enclosure

cc: J. Joiner
L. Johnson

Ten-Year Site Plan Data Request #1

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.

Ten-Year Site Plan Filing

1. Please provide an electronic copy of the Company's Ten-Year Site Plan (TYSP) for the current planning period (2026-2035) in PDF format.

2. Please provide an electronic copy of all schedules and tables in the Company's current planning period TYSP in Excel format.

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)**

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).

      Not applicable

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.

   See Excel spreadsheet

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.

      The number of customers has increased due to Florida's expanding economy and net migration into the Members' territories post-COVID.

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

      While average consumption per customer can be derived from the meter and energy forecasts, Seminole does not forecast average consumption per customer. As shown in the 2026 Ten-Year Site Plan Schedules 2.1 and 2.2, the average kWh consumption per customer has remained constant over the past 10 years.

   c. Total Sales (GWh) to Ultimate Customers.

      Total sales to ultimate customers have increased due to growth in new meters from net migration into the Members' territories post-COVID.

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.

      Some of the Members are capable of reducing their peak demand using voltage reduction. See 2026 Ten-Year Site Plan Schedule 3.1 and 3.2 for the trends in load management. Historically, the trends are increasing slowly due to additional end-use customers served by substations with voltage reduction capabilities.

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

      Seminole recently added a Smart Thermostat program to help reduce peak demands. See 2026 Ten-Year Site Plan section 5.9 for a description of Seminole's Demand-Side Management Programs.

   c. Total Demand.

      Total Demand has historically increased, largely due to end-use consumer growth along with commercial load growth.

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.

Net firm demand has historically increased, largely due to end-use consumer growth along with commercial load growth.

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.

The stations used to calculate Seminole's system-wide temperature are:

- *K40J*
- *K40J*
- *KBKV*
- *KBOW*
- *KCTY*
- *KGNV*
- *KJAX*
- *KLEE*
- *KOCF*
- *KSFB*
- *KSGJ*
- *KSRQ*
- *KVDF*
- *KVQQ*
- *KVVG*

Please note that Seminole's system-wide temperature is used for reporting only and is not utilized in the load forecasting process, since each Member Cooperative is forecasted separately. Seminole purchases hourly weather data from AccuWeather for 25 stations in and around the Member service territory. Each Member has a unique combination of weather stations selected to create their weather statistics. The optimal set of weather stations are derived by ranking the predictive power of each station's temperature reading to estimate electric load and then re-estimating load based on combinatory sets of stations ranked from lowest to highest mean average percentage error (MAPE). The set that achieves the lowest MAPE is chosen as the optimal combination. The analysis is conducted using generalized linear models and combinations are derived by the simple average of hourly station data. Please see 2026 Ten-Year Site Plan section 3.3.2. for additional information.

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.

a. See the Company's 2026 Ten-Year Site Plan, section 3.1 for general forecasting methodology, and section 3.1.1, 3.1.2, and 3.1.3 for consumer, energy and demand forecast methodology, respectively.
b. See 2026 Ten-Year Site Plan, section 3.3 for forecast assumptions.
c. See 2026 Ten-Year Site Plan, section 3.2 for forecast data sources.
d. See 2026 Ten-Year Site Plan, section 3.1.6 for details on third party consultant involvement in producing the electric vehicle forecast.
e. On average, the forecast for the number of customers has been within +/- 1%, and the energy and peak demand have been within +/- 4%. We anticipate similar accuracy for the 2026 Ten-Year Site Plan forecast.
f. No material differences or improvements made in load forecasting beyond the details mentioned in the 2026 Ten-Year Site Plan.

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.

Seminole's annual demand and energy forecast drives the amount of generation required and the composition of the resource portfolio. The annual demand forecast is the primary input for calculating Seminole's planning reserve margin requirement which sets the necessary electric capacity required to achieve a reliable generation portfolio. The annual energy forecast determines the resources with the optimal characteristics to meet future needs. Seminole undergoes an extensive Integrated Resource Planning process which identifies the optimal resource portfolio by using the annual demand and energy forecasts as key inputs to production cost and capacity expansion modeling.

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

Yes, Seminole prepares high and low cases for demand and energy. These forecasts are used for resource planning purposes as well as to inform the Integrated Resource Plan.

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

Seminole creates a high and low case forecast with respect to weather. The alternate weather forecasts assume mild and severe temperatures based on the 10th and 90th percentile of historic temperature observations.

While the alternate weather scenarios are used for resource planning purposes and to inform the Integrated Resource Plan, the base case load forecast is the primary forecast used for the Integrated Resource Plan.

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.

During the Integrated Resource Planning process, Seminole will study several sensitivities to the resource portfolio including high and low cases of the load forecast. The results from the sensitivities will be evaluated on a risk-mitigated basis relative to the optimal resource portfolio identified in the base case scenario. However, all planned resource additions are based on the base case, weather-normalized, load forecast scenario that represents Seminole's best estimate for future load. Additionally, Seminole utilizes the high and low case forecasts to compare its overall resource portfolio during peak months as Seminole considers the availability of resources in the near term and for the longer term.

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.

Seminole does not utilize an LOLP methodology for its system planning.

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

Seminole's hourly load forecast of demand and energy are key inputs to determine the composition of the resource portfolio. Capacity expansion modeling software helps to optimize system needs by identifying the duration, ramp, and timing of hourly energy requirements. Based on the information collected on system needs, resources are added based on the resources' capabilities to best meet the hourly energy requirements.

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.

No, Seminole does not employ any alternative load 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?

Yes, weather variability is used to create the high and low load forecasts. While the alternate weather scenarios are used to inform the Integrated Resource Plan, the base case load forecast is the primary forecast used for the Integrated Resource Plan.

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.

    The number of customers is forecasted to increase due to Florida's expanding economy and net migration prospects into Member's territories.

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

    While average consumption per customer can be derived from the meter and energy forecasts, Seminole does not forecast average consumption per customer. As shown in

the 2026 Ten-Year Site Plan Schedules 2.1 and 2.2, the average kWh consumption per customer is showing a flat to decreasing trend for residential customers and an increasing trend for commercial customers over the next 10 years.

c. Total Sales (GWh) to Ultimate Customers.

Total sales to ultimate customers is forecasted to increase due to growth in new meters from net migration into Member's territories.

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.

Not applicable

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.

Seminole updated its forecast methodology beginning in 2014 and does not compare error results of forecasts generated before that period. Seminole has developed ex-post forecast error analyses on load forecast studies since 2015. Seminole's "after-the event" evaluation of model error with observed (actual) explanatory variable data removes the error associated with long-term forecasts of weather and economy, providing valuable insight into model improvements. Seminole conducts this analysis with all available information one year after the forecast origin. In other words, we reforecast the model with actual observed data, rather than forecast data. This provides an indication of whether load forecast error is due to Seminole's forecasting methodology or simply due to the fact that weather and economy forecasts are never perfect. Seminole conducts this analysis on a monthly resolution, which provides a higher temporal resolution than focusing on one individual observation such as the winter or summer peak, or annual energy and customer growth. Seminole calculates the error between actual load and ex-post load forecasts for each month and the Mean Absolute Percentage Error (MAPE) across all months. MAPE is a widely-used error measure in business forecasting, including load forecasting.

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.

Seminole updated its forecast methodology beginning in 2014 and does not compare error results of forecasts generated before that period. Seminole has developed ex-post forecast

error analyses on load forecast studies since 2015. Seminole's "after-the event" evaluation of model error with observed (actual) explanatory variable data removes the error associated with long-term forecasts of weather and economy, providing valuable insight into model improvements. Seminole conducts this analysis with all available information one year after the forecast origin. In other words, we reforecast the model with actual observed data, rather than forecast data. This provides an indication of whether load forecast error is due to Seminole's forecasting methodology or simply due to the fact that weather and economy forecasts are never perfect. Seminole conducts this analysis on a monthly resolution, which provides a higher temporal resolution than focusing on one individual observation such as the winter or summer peak, or annual energy and customer growth. Seminole calculates the error between actual load and ex-post load forecasts for each month and the Mean Absolute Percentage Error (MAPE) across all months. MAPE is a widely-used error measure in business forecasting, including load forecasting.

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.

       Some of the Members are capable of reducing their peak demand using voltage reduction. See Schedule 3.1 and 3.2 for the trends. The forecasted trends are increasing slowly due to additional end-use consumers served by substations with volage reduction capabilities.

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

       Seminole recently added a Smart Thermostat program to help reduce peak demands. See 2026 Ten-Year Site Plan section 5.9 for a description of Seminole's Demand-Side Management Programs.

    c. Total Demand.

       Total Demand is forecasted to increase, largely due to end-use consumer growth along with commercial load growth.

    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.

       Net firm demand is forecasted to increase, largely due to end-use consumer growth along with commercial load growth.

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.

    COVID-19 lead to an accelerated in-migration to Members' service territories causing an increase in total meters which resulted in subsequent increases in summer peak demand, winter peak demand, and annual retail energy sales.

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.

    See 2026 Ten-Year Site Plan section 3.3.2 for weather-related information.

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

    See 2026 Ten-Year Site Plan section 3.3.2 for details on AccuWeather, the source of the weather data.

    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.

    See 2026 Ten-Year Site Plan section 3.3.2 for details on weather information.

    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.

        See 2026 Ten-Year Site Plan section 3.3.2 for weather information.

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

        See 2026 Ten-Year Site Plan section 3.3.2 for weather information.

    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.

    See 2026 Ten-Year Site Plan section 3.3.2 for weather information.

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.

    Not applicable

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.

    See 2026 Ten-Year Site Plan section 3.1.5 for description of how Seminole accounts for customer-owned 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.

    Below is an estimated total incremental impact of customer-owned solar generation:

Annual Solar Impact	
Year	**GWh_ac**
2026	167
2027	333
2028	568
2029	730
2030	798
2031	864
2032	934
2033	1,004
2034	1,083

2035	1,154

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.

Not applicable

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

See 2026 Ten-Year Site Plan section 3.1.5 for description of data.

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.

    Not applicable

    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.

    Not applicable

    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.

    Not applicable

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

    Not applicable

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.

Existing customer-owned renewable generation resources are included in historical load data and incremental customer-owned renewable generation is forecasted using EIA AEO published growth rates; however, no modeling adjustments are made in the forecast. See 2026 Ten-Year Site Plan section 3.1.5 for description of methodology.

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.

Yes, the load forecast recognizes all forms of renewable generation for both demand and energy reduction. See 2026 Ten-Year Site Plan section 3.1.5 for a description on the methodology and implementation of customer-owned generation on the forecast.

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.

Seminole forecasts incremental customer-owned renewable generation impacts on summer peak demand, winter peak demand, and net energy for load. See 2026 Ten-Year Site Plan section 3.1.5 for further details.

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.

Not applicable

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.

Not applicable

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.

Not applicable

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.

    See Excel spreadsheet. Currently, Seminole only forecasts incremental PEVs and their impact on the system.

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.

    Currently, Seminole does not have a program addressing the impact of PEVs specifically.

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)

    Historical PEV count and load trends are accounted for in the data used to forecast the 2026 Ten-Year Site Plan; however, it is not isolated and accounted for separately in historical data. PEV's historical impact on the Seminole system is minimal at this time.

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)

    See 2026 Ten-Year Site Plan section 3.1.6 for a description of how Seminole accounts for electric vehicle energy consumption and demand forecasts. Currently, Seminole does forecast for incremental PEV counts, but not forecast PEV charging installations. Overall, the PEV count trend is slowly increasing due to the penetration of PEVs in more urban areas of the Members' territory. PEV's current and forecasted impact on the Seminole system is minimal at this time.

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?

    Not applicable

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.

Not applicable

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.

No, Seminole has not conducted any research on factors influencing the adoption of PEVs.

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

Not applicable

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.

Not applicable

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.

Although Seminole does not maintain a sales forecast model, Seminole does recognize PEVs and Data Centers in its energy forecasts. Existing PEV energy consumption is embedded within Member retail and delivery point meter data. The incremental impact of PEV usage is forecasted with tools from EPRI and NREL and added to the energy and demand forecasts. See 2026 Ten-Year Site Plan section 3.1.6 for a description of how PEVs data is incorporated into the energy forecast. Data Centers that have progressed through the Large Load intake process must provide energy consumption data using an assumed load factor.

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

At this time, PEVs have a minimal impact on Seminole's system load and Seminole does not have a Data Center within the Members' territory. Seminole has a single data center in its load forecast beginning in 2029 that is expected but Seminole will revisit annually to confirm if the project is still moving forward as planned.

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.

There are no other emerging technologies recognized in the energy forecast.

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.

See Excel spreadsheet

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.

Seminole assumes one data center in its 2026 Ten-Year Site Plan beginning in 2029. The energy consumption for the data center will be a mix of computing, cooling, and lighting which best lends itself to baseload energy needs. The data center scales in size over a three-year period where demand grows from 75 MW to 162 MW.

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.

Not applicable

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.

There has been increasing interest by data centers and developers in several Member service territories. Due to the rapid ramp rate and substantial energy needs of data centers, and the relatively new business model in Florida, there is concern about meeting these needs in a timely and risk-mitigated manner. As such, Seminole has taken the following actions: first, Seminole issues quarterly surveys with each Member to identify potential new large loads. This quarterly check-in allows for more frequent and up-to-date line-of-sight of future load needs. Additionally, Seminole has implemented a Large Load intake process that requires large load, such as data centers, that are ready to formally request new service, to provide study deposits, project details and specifications, and financial guarantees to enable the

securing of resources needed at the earliest, most affordable and risk mitigated manner to insulate Members from potential stranded cost and reliability impacts. These steps enable Seminole to make informed decisions and timely investments to meet future demand.

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.

Not applicable

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.

Seminole does not employ artificial intelligence in its operation, customer service, cybersecurity management, or in the creation of the load forecast utilized for the 2026 Ten-Year Site Plan. Seminole is currently assessing its enterprise-wide artificial intelligence policy associated with approved usage.

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.

    See Excel spreadsheet

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.

    See Excel spreadsheet

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.

    See Excel spreadsheet

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.

    Not applicable

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.

See Excel spreadsheet.

Seminole is currently analyzing an Integrated Resource Plan which has outlined an optimal resource portfolio and includes new resources as listed in the Planned Construction worksheet. The ownership, timing, size, and technology type are still being determined as Seminole is evaluating a variety of options to best meet its planning reserve margin requirements throughout the 2026 Ten-Year Site Plan planning period.

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?

It has not been determined if the resources listed in the Planned Construction worksheet will be met via self-build, acquisition, and/or purchased power alternatives. The ultimate method, type, size, and location will be determined subsequent to the completion of a request-for-proposals as part of Seminole's Integrated Resource Planning that is underway.

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.

See Excel spreadsheet

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.

Seminole is not actively pursuing any emerging technologies and has not taken any formal steps in discussions and/or implementation. However, monitoring research and development progress of emerging power generation and transmission technologies is ongoing and integrated into Seminole's strategic planning.

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)**.

See Excel spreadsheet

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.

Not applicable

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.

Seminole does not have any battery installations in the resource portfolio. The technology type for any future battery storage installations has not been determined at this stage.

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).

Seminole has considered multiple potential locations for battery storage but has not determined an optimal position. One consideration may be grid charging vs solar charging battery storage.

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.

Not applicable

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.

Seminole is not currently participating in an energy storage pilot program but has identified system benefits to adding battery storage technology into the resource portfolio through the Integrated Resource Plan modeling simulations.

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.

Not applicable

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

Not applicable

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

Not applicable

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.

Seminole utilizes solar generation resources in its system portfolio; however, only a portion of the total installed capacity is considered in the calculation of its reserve margin. Seminole does not currently use energy storage technologies to provide firm capacity from its solar generation resources but is considering it.

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.

Seminole does not have operational experience with energy storage technologies.

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.

See Excel spreadsheet

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.

See Excel spreadsheet

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.

See Excel spreadsheet

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

Not applicable

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?

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

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.

See Excel spreadsheet

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

Not applicable

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?

There were no long-term power sale agreements that have been cancelled, delayed, or reduced in scope within the past year.

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.

See Excel spreadsheet

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.

See Excel spreadsheet

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.

The seasonal firm capacity contribution of Seminole's solar facilities was determined based upon industry knowledge, experience and long-range, hourly forecasts of solar energy production for its solar facilities. Seminole recognizes that its winter and summer peak demand periods are not concurrent with expected peak sun hours. For the winter season, 0% of Seminole's total contracted solar capacity is included as firm capacity in the calculation of its reserve margin, as the peak hour is expected to occur in the morning at a time when there is little to no sunlight. For the summer season, 40% of Seminole's total contracted solar capacity is included as firm capacity in the calculation of its reserve margin, as the peak hour is expected to occur in the evening while solar energy production is in decline. Seminole continues to evaluate actual operation of its solar sites as we move into the summer months and may revise the firm capacity contribution values in the future based upon operational experience.

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.

Seminole utilizes solar generation sources in its system portfolio; however, only a portion of the total installed capacity is considered in the calculation of its reserve margin. Seminole does not currently use energy storage technologies to provide firm capacity from its solar generation sources but is considering it.

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.

Seminole does not have operational experience with energy storage technologies.

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.

    See Excel spreadsheet

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.

    See Excel spreadsheet

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.

    Seminole utilizes recognized, authoritative independent third-party commodity price forecasts and/or NYMEX natural gas and oil commodity prices as a starting point for projecting the delivered price of fuel to its generating resources. Seminole also utilizes authoritative independent third-party forecasts for escalation or economic market indices to adjust future prices of fuel related service costs, such as transportation or contractual fuel price adjustments. Forecasts are then adjusted to include known and measurable conditions from Seminole's long-term fuel supply, storage, and transportation agreements.

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).

    Seminole does not have any significant changes to what was presented in sections 5.3 and 5.4 of its 2026 Ten-Year Site Plan.

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.

    Please see table below. Prices are in $/MMBtu

	2025 Forecast	2025 Actual	Delta
Natural Gas	$5.63	$5.47	-$0.16
Coal	$3.31	$3.84	$0.53
Distillate	$28.67	$18.66	-$10.01

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.

There were no notable changes in the forecast of fuel prices used in the current TYSP compared to the prior TYSP.

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

Seminole maintains a diverse portfolio of active, industry standard natural gas contracts (GISB/NAESB) with approximately 50 suppliers, marketers and other Florida utilities that provide natural gas commodity and/or may have available transportation capacity for resale. Seminole maintains a balanced portfolio of long-term (1 to 10 years) natural gas supply arrangements for a portion of its projected baseload requirements and relies on shorter-term transactions to obtain the remaining requirements. Seminole has contracted for an aggregate amount of approximately 74,000 dth/day of onshore, upstream pipeline capacity on Transco's Mobile Bay South Lateral, Sabal Trail Transmission, and Southeast Supply Header to interconnects with the Florida Gas Transmission ("FGT") and/or Gulfstream Natural Gas System ("Gulfstream") interstate pipelines that ultimately serve Seminole's generation facilities. Seminole currently has agreements for 253,000 dth/day of firm natural gas transportation capacity that supply Seminole's generation facilities. Seminole also contracts for firm gas storage service to provide for year-round storage capacity for 750,000 dth to supplement its supply purchases during periods of scarcity.

For natural gas transportation, aside from those mentioned above, Seminole holds various contracts for interruptible transportation capacity on both FGT and Gulfstream pipelines, as well as interruptible transportation service.

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:

Seminole does not currently assume carbon dioxide (CO2) compliance costs in the resource planning process used to generate the resource plan presented in the current planning period TYSP.

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

Not applicable

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.

Not applicable

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

Not applicable

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.

In 2025, Seminole operated in accordance with required regulatory permits and did not experience any material curtailments in operations as a result of existing environmental regulations. Within the planning period (2031-2034), the continuing operability and availability of Seminole Generating Station Unit 2 (SGS-2) could potentially be negatively impacted by wastewater limitations (ELGs) finalized by EPA in 2024. However, the Trump Administration has considerably extended the compliance periods of the 2024 ELGs, and is expected to propose significantly reduced ELG requirements in late 2026. Greenhouse Gas Emission Standards of 2024 (111d-Rules) have also been proposed for full repeal with finalization expected later in 2026.

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?

Seminole's newest combined cycle facility (SCCF) along with the combined cycle facility under construction (SHEC) are subject to, and compliant with, Clean Air Act 111(b) standards finalized in 2015. Accordingly, unless and/or until new generating facilities are planned, Seminole is not materially affected by revised 111(b) rules finalized in 2024. Of note, the Trump Administration has repealed the 2009 EPA Endangerment Finding (currently being litigated) and is expected to follow-up with a proposed repeal of all prior GHG rules.

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

Not applicable

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

Not applicable

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

Not applicable

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.

Not applicable

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

Not applicable

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.

No impacts – Subject to litigation, the 2024 MATS Rule has since been repealed by the Trump Administration.

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

N/A - As of compliance year 2017, Florida sources are not subject to CSAPR.

c. Cooling Water Intake Structures (CWIS) Rule.

Reliability impacts are not expected from the CWIS Rule.

d. Coal Combustion Residuals (CCR) Rule.

Reliability impacts are not expected from the CCR Rule (2015) nor the CCRMU Rule (2024). Significant reductions in requirements for both rules were recently proposed by the Trump Administration.

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

Reliability impacts are not expected due to the most recent 111b Rules. (See #81a Response)

f. Affordable Clean Energy Rule or its replacement.

Reliability impacts are not expected from the 2024 GHG 111d Rules that succeeded the ACE Rule. (See #80 and #81a Responses)

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

Future reliability impacts are undetermined with respect to the most recent ELG Rules, but not expected pursuant to recent and expected rulemaking by the Trump Administration. (See #80 Response)

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.

See Excel spreadsheet

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.

See Excel spreadsheet

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.

See Excel spreadsheet

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.

Not applicable

TYSP Year 2026

Sheet #	Tab Name	DR No.
1	Table of Contents	-
	Financial Assumptions	3(a)
	Financial Escalation	3(b)
2	Hourly System Load	4
3	Historic Peak Demand	5
4	Customer-Owned Resources	27
5	DR Participation	28
6	DR Annual Activations	29
7	PEV Charging	31
8	Data Centers	40
	Existing Utility Generation	45(a)
	Planned Utility Generation	45(b)
10	Unit Performance	46
12	Unit Dispatch	47
13	Solar and Storage Sites	48
17	Planned Construction	49
14	Unit Modifications	51
	Existing Storage	53(a)
	Planned Storage	53(b)
15	Planned PPSA	60
16	Planned TLSA	61
	Existing PPA	62(a)
	Planned PPA	62(b)
	Existing PSA	65(a)
	Planned PSA	65(b)
17	Annual Reliability	68
	Hourly Reliability	69
18	Energy Rates	72
19	Fuel Usage & Price	73
20	Emissions Cost	81e
21	EPA Operational Effects	83
22	EPA Cost Effects	84
23	EPA Unit Availability	85
25		
28		
29		
30		
31		
32		
33		
34		

Financial Assumptions			
Base Case			
AFUDC Rate		(%)	4.88
Capitalization Ratios	Debt	(%)	N/A
	Preferred	(%)	N/A
	Equity	(%)	N/A
Rate of Return	Debt	(%)	N/A
	Preferred	(%)	N/A
	Equity	(%)	N/A
Income Tax rate	State	(%)	N/A
	Federal	(%)	N/A
	Effective	(%)	N/A
Other Tax Rate:		(%)	N/A
Discount Rate:		(%)	N/A
Tax - Depreciation Rate:		(%)	N/A

Financial Escalation Assumptions				
Year	General Inflation (%)	Plant Construction Cost* (%)	Fixed O&M Cost (%)	Variable O&M Cost (%)
2026	3.02%	3.02%	3.02%	3.02%
2027	2.02%	2.02%	2.02%	2.02%
2028	2.01%	2.01%	2.01%	2.01%
2029	1.85%	1.85%	1.85%	1.85%
2030	1.90%	1.90%	1.90%	1.90%
2031	2.09%	2.09%	2.09%	2.09%
2032	2.23%	2.23%	2.23%	2.23%
2033	2.37%	2.37%	2.37%	2.37%
2034	2.39%	2.39%	2.39%	2.39%
2035	2.37%	2.37%	2.37%	2.37%

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	N/A																							
1/2/2025																								
1/3/2025																								
1/4/2025																								
1/5/2025																								
1/6/2025																								
1/7/2025																								
1/8/2025																								
1/9/2025																								
1/10/2025																								
1/11/2025																								
1/12/2025																								
1/13/2025																								
1/14/2025																								
1/15/2025																								
1/16/2025																								
1/17/2025																								
1/18/2025																								
1/19/2025																								
1/20/2025																								
1/21/2025																								
1/22/2025																								
1/23/2025																								
1/24/2025																								
1/25/2025																								
1/26/2025																								
1/27/2025																								
1/28/2025																								
1/29/2025																								
1/30/2025																								
1/31/2025																								
2/1/2025																								
2/2/2025																								
2/3/2025																								
2/4/2025																								
2/5/2025																								
2/6/2025																								
2/7/2025																								
2/8/2025																								
2/9/2025																								
2/10/2025																								
2/11/2025																								
2/12/2025																								
2/13/2025																								
2/14/2025																								
2/15/2025																								
2/16/2025																								
2/17/2025																								
2/18/2025																								
2/19/2025																								
2/20/2025																								
2/21/2025																								
2/22/2025																								
2/23/2025																								
2/24/2025																								
2/25/2025																								
2/26/2025																								
2/27/2025																								
2/28/2025																								
Leave Row Blank																								
3/1/2025																								
3/2/2025																								
3/3/2025																								
3/4/2025																								
3/5/2025																								
3/6/2025																								
3/7/2025																								
3/8/2025																								
3/9/2025																								
3/10/2025																								
3/11/2025																								
3/12/2025																								
3/13/2025																								
3/14/2025																								
3/15/2025																								
3/16/2025																								
3/17/2025																								
3/18/2025																								
3/19/2025																								
3/20/2025																								
3/21/2025																								
3/22/2025																								
3/23/2025																								
3/24/2025																								
3/25/2025																								
3/26/2025																								
3/27/2025																								
3/28/2025																								
3/29/2025																								
3/30/2025																								
3/31/2025																								
4/1/2025																								
4/2/2025																								
4/3/2025																								
4/4/2025																								
4/5/2025																								
4/6/2025																								
4/7/2025																								
4/8/2025																								
4/9/2025																								
4/10/2025																								
4/11/2025																								
4/12/2025																								
4/13/2025																								
4/14/2025																								
4/15/2025																								
4/16/2025																								
4/17/2025																								
4/18/2025																								
4/19/2025																								
4/20/2025																								
4/21/2025																								
4/22/2025																								
4/23/2025																								
4/24/2025																								
4/25/2025																								
4/26/2025																								
4/27/2025																								
4/28/2025																								
4/29/2025																								
4/30/2025																								
5/1/2025																								
5/2/2025																								
5/3/2025																								
5/4/2025																								
5/5/2025																								
5/6/2025																								
5/7/2025																								
5/8/2025																								
5/9/2025																								
5/10/2025																								
5/11/2025																								
5/12/2025																								
5/13/2025																								
5/14/2025																								
5/15/2025																								
5/16/2025																								
5/17/2025																								
5/18/2025																								
5/19/2025																								
5/20/2025																								
5/21/2025																								
5/22/2025																								
5/23/2025																								
5/24/2025																								
5/25/2025																								
5/26/2025																								
5/27/2025																								
5/28/2025																								
5/29/2025																								
5/30/2025																								
5/31/2025																								
6/1/2025																								
6/2/2025																								
6/3/2025																								

6/4/2025																								
6/5/2025																								
6/6/2025																								
6/7/2025																								
6/8/2025																								
6/9/2025																								
6/10/2025																								
6/11/2025																								
6/12/2025																								
6/13/2025																								
6/14/2025																								
6/15/2025																								
6/16/2025																								
6/17/2025																								
6/18/2025																								
6/19/2025																								
6/20/2025																								
6/21/2025																								
6/22/2025																								
6/23/2025																								
6/24/2025																								
6/25/2025																								
6/26/2025																								
6/27/2025																								
6/28/2025																								
6/29/2025																								
6/30/2025																								
7/1/2025																								
7/2/2025																								
7/3/2025																								
7/4/2025																								
7/5/2025																								
7/6/2025																								
7/7/2025																								
7/8/2025																								
7/9/2025																								
7/10/2025																								
7/11/2025																								
7/12/2025																								
7/13/2025																								
7/14/2025																								
7/15/2025																								
7/16/2025																								
7/17/2025																								
7/18/2025																								
7/19/2025																								
7/20/2025																								
7/21/2025																								
7/22/2025																								
7/23/2025																								
7/24/2025																								
7/25/2025																								
7/26/2025																								
7/27/2025																								
7/28/2025																								
7/29/2025																								
7/30/2025																								
7/31/2025																								
8/1/2025																								
8/2/2025																								
8/3/2025																								
8/4/2025																								
8/5/2025																								
8/6/2025																								
8/7/2025																								
8/8/2025																								
8/9/2025																								
8/10/2025																								
8/11/2025																								
8/12/2025																								
8/13/2025																								
8/14/2025																								
8/15/2025																								
8/16/2025																								
8/17/2025																								
8/18/2025																								
8/19/2025																								
8/20/2025																								
8/21/2025																								
8/22/2025																								
8/23/2025																								
8/24/2025																								
8/25/2025																								
8/26/2025																								
8/27/2025																								
8/28/2025																								
8/29/2025																								
8/30/2025																								
8/31/2025																								
9/1/2025																								
9/2/2025																								
9/3/2025																								
9/4/2025																								
9/5/2025																								
9/6/2025																								
9/7/2025																								
9/8/2025																								
9/9/2025																								
9/10/2025																								
9/11/2025																								
9/12/2025																								
9/13/2025																								
9/14/2025																								
9/15/2025																								
9/16/2025																								
9/17/2025																								
9/18/2025																								
9/19/2025																								
9/20/2025																								
9/21/2025																								
9/22/2025																								
9/23/2025																								
9/24/2025																								
9/25/2025																								
9/26/2025																								
9/27/2025																								
9/28/2025																								
9/29/2025																								
9/30/2025																								
10/1/2025																								
10/2/2025																								
10/3/2025																								
10/4/2025																								
10/5/2025																								
10/6/2025																								
10/7/2025																								
10/8/2025																								
10/9/2025																								
10/10/2025																								
10/11/2025																								
10/12/2025																								
10/13/2025																								
10/14/2025																								
10/15/2025																								
10/16/2025																								
10/17/2025																								
10/18/2025																								
10/19/2025																								
10/20/2025																								
10/21/2025																								
10/22/2025																								
10/23/2025																								
10/24/2025																								
10/25/2025																								
10/26/2025																								
10/27/2025																								
10/28/2025																								
10/29/2025																								
10/30/2025																								
10/31/2025																								
11/1/2025																								
11/2/2025																								
11/3/2025																								
11/4/2025																								
11/5/2025																								
11/6/2025																								
11/7/2025																								
11/8/2025																								
11/9/2025																								
11/10/2025																								
11/11/2025																								
11/12/2025																								

11/13/2025																								
11/14/2025																								
11/15/2025																								
11/16/2025																								
11/17/2025																								
11/18/2025																								
11/19/2025																								
11/20/2025																								
11/21/2025																								
11/22/2025																								
11/23/2025																								
11/24/2025																								
11/25/2025																								
11/26/2025																								
11/27/2025																								
11/28/2025																								
11/29/2025																								
11/30/2025																								
12/1/2025																								
12/2/2025																								
12/3/2025																								
12/4/2025																								
12/5/2025																								
12/6/2025																								
12/7/2025																								
12/8/2025																								
12/9/2025																								
12/10/2025																								
12/11/2025																								
12/12/2025																								
12/13/2025																								
12/14/2025																								
12/15/2025																								
12/16/2025																								
12/17/2025																								
12/18/2025																								
12/19/2025																								
12/20/2025																								
12/21/2025																								
12/22/2025																								
12/23/2025																								
12/24/2025																								
12/25/2025																								
12/26/2025																								
12/27/2025																								
12/28/2025																								
12/29/2025																								
12/30/2025																								
12/31/2025																								

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	4,450	84	4,534	25	8	32
	2	3,019	75	3,094	21	8	39
	3	2,563	71	2,634	31	18	80
	4	3,379	73	3,452	27	17	90
	5	3,683	80	3,763	20	18	90
	6	3,703	85	3,788	24	18	91
	7	4,125	82	4,207	28	17	96
	8	3,853	75	3,928	15	17	91
	9	3,602	71	3,673	24	18	89
	10	3,105	62	3,167	8	17	87
	11	3,090	61	3,151	12	8	39
	12	3,283	71	3,354	31	9	38
2024	1	3,415	71	3,486	21	9	38
	2	2,842	72	2,914	20	8	42
	3	2,493	70	2,563	15	18	82
	4	2,967	66	3,033	19	18	85
	5	3,633	79	3,712	27	18	91
	6	3,787	86	3,873	9	18	93
	7	3,671	75	3,746	8	15	90
	8	3,693	73	3,766	8	18	90
	9	3,515	70	3,585	1	17	88
	10	3,217	66	3,283	4	17	86
	11	2,681	55	2,736	11	16	82
	12	3,350	68	3,418	4	8	37
2023	1	3,503	73	3,576	15	9	39
	2	2,413	67	2,480	24	17	83
	3	2,860	74	2,934	26	18	85
	4	2,944	66	3,010	4	18	86
	5	3,132	70	3,202	20	17	87
	6	3,582	83	3,665	27	18	91
	7	3,723	75	3,798	21	18	94
	8	3,945	78	4,023	13	17	94
	9	3,464	69	3,533	6	18	90
	10	2,959	60	3,019	5	17	87
	11	2,788	56	2,844	29	8	41
	12	2,651	61	2,712	31	9	48

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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Capacity of Installations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Reduction to Summer Peak Demand (MW)	14	45	87	145	178	194	210	227	244	264	280
Reduction to Winter Peak Demand (MW)	0	3	7	12	18	20	22	24	26	28	30
Reduction to Net Energy for Load (GWh)	41	167	333	568	730	798	864	934	1004	1083	1154
Energy Storage Resources											
Number of Installations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Capacity of Installations (MW)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Storage Capacity of Installations (MWh)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Reduction to Summer Peak Demand (MW)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Reduction to Winter Peak Demand (MW)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Reduction to Net Energy for Load (GWh)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Notes											
Seminole forecasts incremental customer-owned renewable generation impacts on summer peak demand, winter peak demand, and net energy for load. See 2026 Ten-Year Site Plan section 3.1.5 for further details.											

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	N/A								
2024									
2025									
Notes									
(Include Notes Here)									

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	N/A													
2024														
2025														
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	948	N/A	N/A	1	0	24
2027	1418	N/A	N/A	1	0	40
2028	1879	N/A	N/A	2	0	55
2029	2339	N/A	N/A	2	0	70
2030	2817	N/A	N/A	2	0	85
2031	3372	N/A	N/A	2	0	101
2032	3949	N/A	N/A	2	0	119
2033	4547	N/A	N/A	2	0	139
2034	5189	N/A	N/A	3	0	160
2035	5833	N/A	N/A	3	0	182
Notes						
Currently, Seminole forecasts only incremental PEV and their impact on the system.						

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											
Total Annual Energy Usage (GWh)											
Impact to Summer Peak Demand (MW)											
Impact to Winter Peak Demand (MW)											
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					1	1	1	1	1	1	1
Total Annual Energy Usage (GWh)					657	946	1419	1419	1419	1419	1419
Impact to Summer Peak Demand (MW)					75	108	162	162	162	162	162
Impact to Winter Peak Demand (MW)					75	108	162	162	162	162	162
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
MIDULLA GENERATING STATION	4	HARDEE	GT	NG	12	2006	54	62	54	62	54	62
MIDULLA GENERATING STATION	5	HARDEE	GT	NG	12	2006	54	62	54	62	54	62
MIDULLA GENERATING STATION	6	HARDEE	GT	NG	12	2006	54	62	54	62	54	62
MIDULLA GENERATING STATION	7	HARDEE	GT	NG	12	2006	54	62	54	62	54	62
MIDULLA GENERATING STATION	8	HARDEE	GT	NG	12	2006	27	31	27	31	27	31
MIDULLA GENERATING STATION	CT1	HARDEE	CT	NG	1	2002	171	208	169	206	169	206
MIDULLA GENERATING STATION	CT2	HARDEE	CT	NG	1	2002	171	208	169	206	169	206
MIDULLA GENERATING STATION	ST	HARDEE	CA	WH	1	2002	194	200	192	198	192	198
SEMINOLE GENERATING STATION	2	PUTNAM	ST	BIT	12	1984	680	688	634	640	634	640
SEMINOLE CC FACILITY	CTG1	PUTNAM	CT	NG	4	2023	358.6	381	352.6	375.4	352.6	375.4
SEMINOLE CC FACILITY	CTG2	PUTNAM	CT	NG	4	2023	360.6	383	354.6	377.4	354.6	377.4
SEMINOLE CC FACILITY	STG3	PUTNAM	CA	WH	4	2023	400.6	391	393.5	383.7	393.5	383.7
MGS Solar	1	HARDEE	PV	SUN	8	2017	0.9	0	0.9	0	0.9	0
SHADY HILLS POWER COMPANY	1	PASCO	CT	NG	1	2002	161	176	160	175	160	175
SHADY HILLS POWER COMPANY	2	PASCO	CT	NG	1	2002	161	176	160	175	160	175
SHADY HILLS POWER COMPANY	3	PASCO	CT	NG	1	2002	161	176	160	175	160	175
Notes												

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
Shady Hills Energy Center	1	Pasco	CC	NG	12	2026	556	592	547	582	547	582
UNNAMED CC	1	UNKNOWN	CC	NG	12	2032	559	620	559	620	559	620
UNNAMED CT	1	UNKNOWN	CT	NG	12	2032	345	384	345	384	345	384
UNNAMED CT	2	UNKNOWN	CT	NG	12	2032	345	384	345	384	345	384
UNNAMED BATTERY	1	UNKNOWN	BA	N/A	1	2033	74.9	74.9	74.9	74.9	74.9	74.9
UNNAMED BATTERY	2	UNKNOWN	BA	N/A	1	2035	74.9	74.9	74.9	74.9	74.9	74.9
UNNAMED CC	2	UNKNOWN	CC	NG	12	2035	559	620	559	620	559	620
Notes												

TYSP Year 2026
Question No. 46

Facility Name	Unit No.	County Location	Unit Type	Primary Fuel	Commercial In-Service		Unit Performance (%)						Average Net Operating Heat Rate (ANOHR) (MMBTU/kWh)	
							Planned Outage Factor (POF) (%)		Forced Outage Factor (FOF) (%)		Equivalent Availability Factor (EAF) (%)			
					Mo	Yr	Historic	Projected	Historic	Projected	Historic	Projected	Historic	Projected
MIDULLA GENERATING STATION	4	HARDEE	GT	NG	12	2006	2.89%	1.42%	0.28%	1.00%	96.68%	97.58%	11,602.33	12,225.41
MIDULLA GENERATING STATION	5	HARDEE	GT	NG	12	2006	2.87%	1.42%	0.25%	1.00%	96.35%	97.58%	11,602.33	12,225.41
MIDULLA GENERATING STATION	6	HARDEE	GT	NG	12	2006	2.68%	1.42%	0.02%	1.00%	97.01%	97.58%	11,602.33	12,225.41
MIDULLA GENERATING STATION	7	HARDEE	GT	NG	12	2006	2.54%	1.42%	3.22%	1.00%	74.98%	97.58%	11,602.33	12,225.41
MIDULLA GENERATING STATION	8	HARDEE	GT	NG	12	2006	2.41%	1.42%	0.09%	1.00%	79.82%	97.58%	11,602.33	12,225.41
MIDULLA GENERATING STATION	CT1	HARDEE	CT	NG	1	2002	13.09%	12.40%	11.07%	2.47%	75.31%	85.13%	7,081.00	7,182.59
MIDULLA GENERATING STATION	CT2	HARDEE	CT	NG	1	2002	13.62%	12.40%	9.96%	2.47%	75.98%	85.13%	7,081.00	7,015.46
MIDULLA GENERATING STATION	ST	HARDEE	CA	WH	1	2002	11.86%	12.40%	8.30%	2.47%	79.19%	85.13%	7,081.00	7,182.59
SEMINOLE GENERATING STATION	2	PUTNAM	ST	BIT	12	1984	13.71%	10.71%	2.53%	4.00%	82.89%	85.29%	10,710.33	10,254.15
SEMINOLE CC FACILITY	CTG1	PUTNAM	CT	NG	4	2023	10.44%	10.30%	0.46%	2.50%	88.96%	89.70%	6,319.67	6,497.93
SEMINOLE CC FACILITY	CTG2	PUTNAM	CT	NG	4	2023	9.96%	10.30%	4.04%	2.50%	85.73%	89.70%	6,319.67	6,328.26
SEMINOLE CC FACILITY	STG3	PUTNAM	CA	WH	4	2023	7.95%	10.30%	0.15%	2.50%	83.41%	89.70%	6,319.67	6,328.26
MGS Solar	1	HARDEE	PV	SUN	8	2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SHADY HILLS POWER COMPANY	1	PASCO	CT	NG	1	2002	2.47%	2.25%	4.69%	3.00%	92.84%	94.75%	9,937.63	10,808.53
SHADY HILLS POWER COMPANY	2	PASCO	CT	NG	1	2002	3.55%	2.25%	2.53%	3.00%	93.92%	94.75%	9,955.12	10,811.64
SHADY HILLS POWER COMPANY	3	PASCO	CT	NG	1	2002	3.47%	2.25%	0.81%	3.00%	95.72%	94.75%	9,490.15	10,798.12
Shady Hills Energy Center	1	Pasco	CC	NG	12	2026	N/A	7.34%	N/A	3.00%	N/A	89.66%	N/A	6,461.41
UNNAMED CC	1	N/A	CC	NG	12	2032	N/A	2.30%	N/A	0.83%	N/A	96.87%	N/A	6,517.39
UNNAMED CC	2	N/A	CC	NG	12	2035	N/A	0.00%	N/A	0.02%	N/A	99.98%	N/A	6,430.60
UNNAMED CT	1	N/A	CT	NG	12	2032	N/A	0.66%	N/A	1.23%	N/A	98.11%	N/A	9,896.28
UNNAMED CT	2	N/A	CT	NG	12	2032	N/A	0.66%	N/A	1.23%	N/A	98.11%	N/A	9,967.52
Notes														

TYSP Year 2026
Question No. 47

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
MIDULLA GENERATING STATION	4	HARDEE	GT	NG	12	2006	2.16%	0.51%	0.15%	0.18%	0.13%	0.01%	1.52%	0.04%	0.16%	0.33%	0.07%
MIDULLA GENERATING STATION	5	HARDEE	GT	NG	12	2006	0.89%	0.00%	0.01%	0.00%	0.05%	0.01%	0.01%	0.00%	0.05%	0.03%	0.01%
MIDULLA GENERATING STATION	6	HARDEE	GT	NG	12	2006	2.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MIDULLA GENERATING STATION	7	HARDEE	GT	NG	12	2006	1.99%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MIDULLA GENERATING STATION	8	HARDEE	GT	NG	12	2006	1.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MIDULLA GENERATING STATION	CT1	HARDEE	CT	NG	1	2002	70.52%	71.47%	65.25%	60.88%	68.94%	69.61%	72.39%	71.76%	51.26%	48.43%	56.30%
MIDULLA GENERATING STATION	CT2	HARDEE	CT	NG	1	2002	71.43%	71.47%	65.25%	60.88%	68.94%	69.61%	72.39%	71.76%	51.26%	48.43%	56.30%
MIDULLA GENERATING STATION	ST	HARDEE	CA	WH	1	2002	77.52%	71.47%	65.25%	60.88%	68.94%	69.61%	72.39%	71.76%	51.26%	48.43%	56.30%
SEMINOLE GENERATING STATION	2	PUTNAM	ST	BIT	12	1984	53.23%	49.85%	50.74%	37.69%	37.52%	38.35%	50.02%	37.12%	21.67%	27.76%	26.11%
SEMINOLE CC FACILITY	CTG1	PUTNAM	CT	NG	4	2023	81.96%	76.20%	67.47%	84.01%	85.81%	86.55%	63.69%	88.01%	88.71%	89.19%	82.98%
SEMINOLE CC FACILITY	CTG2	PUTNAM	CT	NG	4	2023	73.03%	76.20%	67.47%	84.01%	85.81%	86.55%	63.69%	88.01%	88.71%	89.19%	82.98%
SEMINOLE CC FACILITY	STG3	PUTNAM	CA	WH	4	2023	68.94%	76.20%	67.47%	84.01%	85.81%	86.55%	63.69%	88.01%	88.71%	89.19%	82.98%
MGS Solar	1	HARDEE	PV	SUN	8	2017	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Shady Hills Energy Center	1	Pasco	CC	NG	12	2026	N/A	80.42%	76.63%	75.90%	75.92%	78.17%	76.02%	77.53%	78.26%	79.03%	81.24%
SHADY HILLS POWER COMPANY	1	PASCO	CT	NG	1	2002	11.23%	2.34%	2.24%	3.58%	5.96%	9.80%	33.66%	20.37%	8.56%	12.51%	10.56%
SHADY HILLS POWER COMPANY	2	PASCO	CT	NG	1	2002	10.86%	5.35%	4.05%	6.95%	11.16%	15.41%	42.80%	32.42%	12.63%	18.75%	16.70%
SHADY HILLS POWER COMPANY	3	PASCO	CT	NG	1	2002	9.79%	0.75%	0.79%	1.93%	3.46%	5.01%	24.73%	6.92%	5.69%	10.11%	6.57%
UNNAMED CC	1	N/A	CC	NG	12	2032	N/A	N/A	N/A	N/A	N/A	N/A	N/A	76.76%	65.70%	62.18%	68.71%
UNNAMED CC	2	N/A	CT	NG	12	2035	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	69.67%
UNNAMED CT	1	N/A	CT	NG	12	2032	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24.84%	50.82%	53.02%	58.84%
UNNAMED CT	2	N/A	CT	NG	12	2032	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9.78%	30.72%	35.32%	39.23%
Notes																	

TYSP Year 2026
Question No. 48

Facility Name	Unit No.	County Location	Solar Type	Energy Storage Type	Facility In-Service Date		Unit Capacity (MW)				Land Use	Commission Approval		Cost Reocvery Mechanism
							Net		Firm					
			(Fixed/Tracking)		Mo	Yr	Sum	Win	Sum	Win	(Acres)	Order No.	Approval Date	
N/A														
Notes														
(Include Notes Here)														

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	
Unnamed CC	1	NA	CC	NG	*	*	Dec-29	*	Dec-29	Dec-29	Dec-32	Dec-32
Unnamed CT	1	NA	CT	NG	*	*	Dec-31	*	Dec-31	Dec-31	Dec-32	Dec-32
Unnamed CT	2	NA	CT	NG	*	*	Dec-31	*	Dec-31	Dec-31	Dec-32	Dec-32
Unnamed Battery	1	NA	BA	NA	*	*	Jan-31	*	Jan-31	Jan-31	Jan-33	Jan-33
Unnamed Battery	2	NA	BA	NA	*	*	Jan-33	*	Jan-33	Jan-33	Jan-35	Jan-35
Unnamed CC	2	NA	CC	NG	*	*	Dec-32	*	Dec-32	Dec-32	Dec-35	Dec-35

Notes

* Seminole is currently analyzing an Integrated Resource Plan; thus, these projects and dates are subject to change depending upon those results.
Also, the Company is monitoring supply chain constraints that could have an impact on in-service dates.

TYSP Year 2026
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)	
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)	(%)
N/A															
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)
UNNAMED BATTERY	1	UNKNOWN	BA	TBD	TBD	1	2033	74.9	74.9	74.9	74.9	74.9	74.9	348.8	299.6
UNNAMED BATTERY	2	UNKNOWN	BA	TBD	TBD	1	2035	74.9	74.9	74.9	74.9	74.9	74.9	348.8	299.6
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)	
							Need Approved	PPSA Certified
					Mo	Yr	(Commission)	
Shady Hills Energy Center	1	Pasco	CC	NG	12	2026	5/8/2018	12/3/2018
Unnamed CC	1	UNKNOWN	CC	NG	12	2032	N/A	N/A
Unnamed CC	2	UNKNOWN	CC	NG	12	2035	N/A	N/A
Notes								
(Include Notes Here)								

TYSP Year 2026
Question No. 61

Transmission Line	Line Length	Nominal Voltage	Certification Dates		In-Service Date
	(Miles)	(kV)	Need Approved	TLSA Certified	
N/A					
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
Hardee Power Partners	9/30/2014	220.18	220.18	01/13	12/32	Hardee	CC1	Hardee	CC	NG	1	1993	222	269	220	267	220	267
Hardee Power Partners	9/30/2014	70.87	70.87	01/13	12/32	Hardee	CT 2A	Hardee	CT	NG	1	1993	71	90	70	89	70	62*
Hardee Power Partners	9/30/2014	70.87	70.87	01/13	12/32	Hardee	CT 2B	Hardee	CT	NG	5	2000	71	90	70	89	70	62*
Oleander Power Project	12/20/2023	169.8	169.8	01/22	12/27	Oleander CT	2	Brevard	CT	NG	6	2002	153	182	153	182	153	182
Oleander Power Project	12/20/2023	169.8	169.8	01/22	12/27	Oleander CT	3	Brevard	CT	NG	7	2002	153	182	153	182	153	182
Oleander Power Project	3/1/2021	169.8	169.8	01/23	12/24	Oleander CT	4	Brevard	CT	NG	8	2002	154	183	153	182	169.8	169.8
City of Tampa, Florida	3/31/2012	20	20	08/11	07/26	McKay Bay WTE	1	Hillsborough	ST	MSW	6	1985	20	20	20	20	20	20
FRP GILCHRIST COUNTY SOLAR, LLC	10/19/2023	29.8	0	12/24	12/49	Gilchrist	1	Gilchrist	PV	SUN	11	2024	74.5	74.5	74.5	74.5	29.8	0
FRP TUPELO SOLAR, LLC	10/19/2023	29.8	0	12/24	12/49	Tupelo	1	Putnam	PV	SUN	11	2024	74.5	74.5	74.5	74.5	29.8	0
FRP GADSDEN COUNTY SOLAR, LLC	10/19/2023	29.8	0	12/24	12/49	Gadsden	1	Gadsden	PV	SUN	11	2024	74.5	74.5	74.5	74.5	29.8	0
FRP COLUMBIA COUNTY SOLAR, LLC	10/19/2023	29.8	0	12/24	12/49	Columbia	1	Columbia	PV	SUN	11	2024	74.5	74.5	74.5	74.5	29.8	0

Notes

System product purchases are not included in the table above, but can be provided at the PSC's request.

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
N/A																		
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
Tampa Electric Company*	11/27/2024	0	200	12/1/2024	2/28/2025	Shady Hills Power Company	N/A	Pasco	CT	NG	1	2002	161	176	160	175	160	175
The Energy Authority	12/20/2024	0	100	1/1/2025	2/28/2025	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
Notes																		
*Sale of firm capacity was made contingent on the Shady Hills Power Company facility which includes three (3) combustion turbines. The unit capacities listed represent one (1) combustion turbine.																		

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)
N/A																			
Notes																			
(Include Notes Here)																			

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	0.001	21.61%	-	0.001	21.61%	-
2027	0.005	24.94%	50	0.005	24.94%	50
2028	0.005	20.29%	-	0.005	20.29%	-
2029	0.006	20.11%	400	0.006	20.11%	400
2030	0.006	20.00%	60	0.006	20.00%	60
2031*	0.175	19.86%	50,240	0.175	19.86%	50,240
2032	0.022	19.79%	-	0.022	19.79%	-
2033	0.007	19.72%	2,670	0.007	19.72%	2,670
2034	0.016	19.66%	3,840	0.016	19.66%	3,840
2035	0.011	19.60%	250	0.011	19.60%	250

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	2,409.19	-	-	483.98	-	-	-	1,291.20	634.00	-	-	-
2	2,201.69	-	-	378.49	-	-	-	1,189.20	634.00	-	-	-
3	2,055.95	-	-	329.95	-	-	-	1,092.00	634.00	-	-	-
4	1,924.38	-	-	198.38	-	-	-	1,092.00	634.00	-	-	-
5	1,906.16	-	-	180.16	-	-	-	1,092.00	634.00	-	-	-
6	1,943.60	-	-	217.60	-	-	-	1,092.00	634.00	-	-	-
7	2,040.77	-	-	314.67	-	-	-	1,092.00	634.00	-	-	0.09
8	2,061.00	-	-	320.20	-	-	-	1,092.00	634.00	-	-	14.81
9	2,204.72	-	-	375.06	-	-	-	1,092.00	634.00	-	-	103.66
10	2,487.14	-	-	591.76	-	-	-	1,092.00	634.00	-	-	169.37
11	2,821.25	-	-	845.42	-	-	-	1,144.00	634.00	-	-	197.83
12	3,152.40	-	-	932.48	-	-	-	1,375.00	634.00	-	-	210.91
13	3,418.78	-	-	989.60	-	-	-	1,578.20	634.00	-	-	216.97
14	3,623.39	-	-	1,125.21	-	-	-	1,646.20	634.00	-	-	217.99
15	3,754.03	-	-	994.40	-	-	-	1,917.20	634.00	-	-	208.44
16	3,866.38	-	-	972.65	-	-	-	2,064.20	634.00	-	-	195.52
17	3,943.29	-	-	1,042.68	-	-	-	2,100.20	634.00	-	-	166.40
18	3,966.58	-	-	1,095.70	-	-	-	2,100.20	634.00	-	-	136.68
19	3,875.50	-	-	1,051.34	-	-	-	2,100.20	634.00	-	-	89.99
20	3,668.97	-	-	958.93	-	-	-	2,064.20	634.00	-	-	11.83
21	3,457.27	-	-	883.06	-	-	-	1,940.20	634.00	-	-	-
22	3,225.34	-	-	1,080.13	-	-	-	1,511.20	634.00	-	-	-
23	2,916.43	-	-	1,010.00	-	-	-	1,272.43	634.00	-	-	-
24	2,628.86	-	-	901.66	-	-	-	1,093.20	634.00	-	-	-

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	3,250.95	-	-	840.99	-	-	-	1,771.97	638.00	-	-	-
2	3,287.39	-	-	856.42	-	-	-	1,792.97	638.00	-	-	-
3	3,313.73	-	-	1,013.76	-	-	-	1,661.97	638.00	-	-	-
4	3,403.82	-	-	1,245.85	-	-	-	1,519.97	638.00	-	-	-
5	3,598.99	-	-	1,242.02	-	-	-	1,718.97	638.00	-	-	-
6	3,847.10	-	-	1,339.14	-	-	-	1,869.97	638.00	-	-	-
7	4,046.67	-	-	1,269.70	-	-	-	2,138.97	638.00	-	-	-
8	4,129.69	-	-	1,283.95	-	-	-	2,204.97	638.00	-	-	2.77
9	4,100.32	-	-	1,148.81	-	-	-	2,241.97	638.00	-	-	71.59
10	3,713.42	-	-	1,228.98	-	-	-	1,718.97	638.00	-	-	127.47
11	3,250.95	-	-	1,172.68	-	-	-	1,291.00	638.00	-	-	149.26
12	2,974.55	-	-	1,021.19	-	-	-	1,162.00	638.00	-	-	153.36
13	2,773.06	-	-	823.53	-	-	-	1,162.00	638.00	-	-	149.53
14	2,506.77	-	-	574.84	-	-	-	1,147.00	638.00	-	-	146.93
15	2,377.17	-	-	460.20	-	-	-	1,141.00	638.00	-	-	137.96
16	2,309.30	-	-	421.46	-	-	-	1,128.00	638.00	-	-	121.84
17	2,315.38	-	-	450.46	-	-	-	1,136.00	638.00	-	-	90.92
18	2,394.39	-	-	600.58	-	-	-	1,147.00	638.00	-	-	8.81
19	2,615.12	-	-	816.12	-	-	-	1,161.00	638.00	-	-	-
20	2,824.68	-	-	893.68	-	-	-	1,293.00	638.00	-	-	-
21	2,877.36	-	-	932.36	-	-	-	1,307.00	638.00	-	-	-
22	2,877.36	-	-	932.36	-	-	-	1,307.00	638.00	-	-	-
23	2,890.53	-	-	943.53	-	-	-	1,309.00	638.00	-	-	-
24	2,865.20	-	-	922.20	-	-	-	1,305.00	638.00	-	-	-

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	86.69	N/A	38.55	N/A	34.37	34.86	33.38
	2017	85.50	-1%	38.22	-1%	29.59	31.52	25.73
	2018	93.73	10%	38.69	1%	33.28	35.2	29.44
	2019	84.10	-10%	32.20	-17%	28.43	29.91	25.46
	2020	73.25	-13%	22.90	-29%	24.46	25.39	22.59
	2021	82.22	12%	34.64	51%	38.56	42.36	30.95
	2022	94.63	15%	80.21	132%	76.04	84.3	59.51
	2023	65.39	-31%	34.78	-57%	34.98	37.04	30.85
	2024	70.61	8%	31.66	-9%	34.96	37.59	29.70
	2025	91.74	30%	40.25	27%	41.95	45.55	34.76
Projected	2026	66.94	-27%	50.99	27%	40.38	44.54	32.07
	2027	83.20	24%	42.69	-16%	40.89	45.16	32.37
	2028	85.69	3%	35.69	-16%	35.63	39.53	27.82
	2029	88.34	3%	35.33	-1%	36.16	40.37	27.74
	2030	91.69	4%	34.03	-4%	37.66	42.12	28.73
	2031	80.47	-12%	49.36	45%	46.27	52.72	33.36
	2032	79.90	-1%	43.19	-13%	41.27	46.26	31.30
	2033	55.20	-31%	57.82	34%	34.71	38.93	26.25
	2034	64.03	16%	60.17	4%	37.41	42.44	27.36
	2035	64.62	1%	45.44	-24%	36.30	41.22	26.47

Notes

(Include Notes Here)

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	0	0	7488	3.53	6015	4.20	0	N/A	37	11.27	0	0	0	0
	2017	0	0	7528	3.42	6180	4.62	0	N/A	36	13.19	0	0	0	0
	2018	0	0	7623	3.50	6642	4.43	0	N/A	37	16.08	0	0	0	0
	2019	0	0	6959	3.29	7510	3.85	0	N/A	31	15.60	0	0	0	0
	2020	0	0	6591	3.34	8445	3.29	0	N/A	38	11.27	0	0	0	0
	2021	0	0	6508	3.18	8501	4.27	0	N/A	43	14.89	0	0	0	0
	2022	0	0	6046	3.23	9797	6.39	0	N/A	24	26.99	0	0	0	0
	2023	0	0	4896	3.07	10975	4.60	0	N/A	18	22.98	0	0	0	0
	2024	0	0	2197	3.95	14765	4.25	0	N/A	14	21.08	0	0	0	0
	2025	0	0	2918	3.84	13916	5.47	0	N/A	12	18.66	0	0	0	0
Projected	2026	0	0	2764	3.62	14707	5.71	0	N/A	11	26.30	0	0	0	0
	2027	0	0	2814	3.78	15200	5.84	0	N/A	11	24.68	0	0	0	0
	2028	0	0	2096	4.05	16311	5.67	0	N/A	8	23.16	0	0	0	0
	2029	0	0	2081	4.15	17470	5.53	0	N/A	8	23.34	0	0	0	0
	2030	0	0	2127	4.33	18310	5.49	0	N/A	8	23.48	0	0	0	0
	2031	0	0	2774	4.48	18697	5.26	0	N/A	11	23.47	0	0	0	0
	2032	0	0	2065	4.64	19976	5.01	0	N/A	8	23.58	0	0	0	0
	2033	0	0	1202	4.79	21422	5.08	0	N/A	6	23.57	0	0	0	0
	2034	0	0	1540	4.96	21680	5.04	0	N/A	6	23.71	0	0	0	0
	2035	0	0	1448	5.12	22389	5.07	0	N/A	6	23.81	0	0	0	0
Notes															
(Include Notes Here)															

1

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	Not Applicable			
2027				
2028				
2029				
2030				
2031				
2032				
2033				
2034				
2035				
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						
					Mo	Yr	Sum	Win	ELGS	ACE or replacement	MATS	CSAPR/ CAIR	CWIS	CCR Non-Hazardous Waste	CCR Special Waste
SGS	2	Putnam	Wall Fired Boiler	Coal	12	1984	634	640	Undetermined (See Notes)	Unlikely (See Notes)	None (See Notes)	N/A	None	None	None
SCCF	CT1	Putnam	Combuston Turbine (Combined Cycle)	Natural Gas	4	2023	549.5	558.9	N/A	N/A	N/A	N/A	None	N/A	N/A
SCCF	CT2	Putnam	Combuston Turbine (Combined Cycle)	Natrual Gas	4	2023	549.5	558.9	N/A	N/A	N/A	N/A	None	N/A	N/A
MGS	1	Hardee	Combuston Turbine (Combined Cycle)	Natural Gas / Distillate Oil	1	2002	262	300	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	2	Hardee	Combuston Turbine (Combined Cycle)	Natural Gas / Distillate Oil	1	2002	262	300	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	4 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	5 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	6 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	7 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	8B	Hardee	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	27	31	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SHADY HILLS POWER COMPANY	1	Pasco	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	1	2002	163	175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SHADY HILLS POWER COMPANY	2	Pasco	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	1	2002	163	175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SHADY HILLS POWER COMPANY	3	Pasco	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	1	2002	163	175	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes

Subject to Litigation Challenges, the Trump Administration has repealed the 2024 MATS Rule; rescinded the 2009 Greenhouse Gas (GHG) Endangerment finding, proposed a repeal of the 2024 111(d) GHG rule; is expected to significantly scale back the 2024 ELG Rule by the end of 2026; and has extended ELG compliance deadlines from 2029 to 2034 toward allowing the current EPA more time to revise substantive requirements;

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
SGS	2	Putnam	Wall Fired Boiler	Coal	12	1984	634	640	Undetermined (See Notes)	Unlikely (See Notes)	None (See Notes)	N/A	None	Unlikely (See Notes)	None
SCCF	CT1	Putnam	Combuston Turbine (Combined Cycle)	Natural Gas	4	2023	549.5	558.9	N/A	N/A	N/A	N/A	None	N/A	N/A
SCCF	CT2	Putnam	Combuston Turbine (Combined Cycle)	Natrual Gas	4	2023	549.5	558.9	N/A	N/A	N/A	N/A	None	N/A	N/A
MGS	1	Hardee	Combuston Turbine (Combined Cycle)	Natural Gas / Distillate Oil	1	2002	262	300	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	2	Hardee	Combuston Turbine (Combined Cycle)	Natural Gas / Distillate Oil	1	2002	262	300	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	4 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	5 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	6 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	7 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	8B	Hardee	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	27	31	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SHADY HILLS POWER COMPANY	1	Pasco	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	1	2002	163	175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SHADY HILLS POWER COMPANY	2	Pasco	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	1	2002	163	175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SHADY HILLS POWER COMPANY	3	Pasco	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	1	2002	163	175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Notes															
Subject to Litigation Challenges, the Trump Administration has repealed the 2024 MATS Rule; rescinded the 2009 Greenhouse Gas (GHG) Endangerment finding, proposed a repeal of the 2024 111(d) GHG rule; is expected to significantly scale back the 2024 ELG Rule by the end of 2026; has extended ELG compliance deadlines from 2029 to 2034 toward allowing the current EPA more time to revise substantive requirements; and has proposed significant reductions and/or elimination of requirements from the 2024 CCRMU Rules;															

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
SGS	2	Putnam	Wall Fired Boiler	Coal	12	1984	634	640	Undetermined (See Notes)	Not Expected (See Notes)	None (See Notes)	N/A	None	Not Expected (See Notes)	None
SCCF	CT1	Putnam	Combuston Turbine (Combined Cycle)	Natural Gas	4	2023	549.5	558.9	N/A	N/A	N/A	N/A	None	N/A	N/A
SCCF	CT2	Putnam	Combuston Turbine (Combined Cycle)	Natrual Gas	4	2023	549.5	558.9	N/A	N/A	N/A	N/A	None	N/A	N/A
MGS	1	Hardee	Combuston Turbine (Combined Cycle)	Natural Gas / Distillate Oil	1	2002	262	300	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	2	Hardee	Combuston Turbine (Combined Cycle)	Natural Gas / Distillate Oil	1	2002	262	300	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	4 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	5 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	6 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	7 A&B	Hardee	Combuston Turbines (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	54	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MGS	8B	Hardee	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	12	2006	27	31	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SHADY HILLS POWER COMPANY	1	Pasco	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	1	2002	163	175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SHADY HILLS POWER COMPANY	2	Pasco	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	1	2002	163	175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SHADY HILLS POWER COMPANY	3	Pasco	Combuston Turbine (Simple Cycle)	Natural Gas / Distillate Oil	1	2002	163	175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Notes															
Subject to Litigation Challenges, the Trump Administration has repealed the 2024 MATS Rule; rescinded the 2009 Greenhouse Gas (GHG) Endangerment finding, proposed a repeal of the 2024 111(d) GHG rule; is expected to significantly scale back the 2024 ELG Rule by the end of 2026; has extended ELG compliance deadlines from 2029 to 2034 toward allowing the current EPA more time to revise substantive requirements; and has proposed significant reductions and/or elimination of requirements from the 2024 CCRMU Rules;															