

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: February 26, 2026
TO: Adam Teitzman, Commission Clerk, Office of Commission Clerk
FROM: Segundo Sanchez, Engineering Specialist, Division of Engineering *SS*
Phillip Ellis, Public Utilities Supervisor, Division of Engineering *MR*
RE: Docket No. 20260000-OT - Undocketed filings for 2026. *POE*

Please file in the above mentioned docket file the attached document, Staff's Data Request #1, which was sent to each of the Ten-Year Site Plan utilities.

SS/POE/pz

Attachment

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

- a. Growth of customers, by customer type (residential, commercial, industrial) as well as Total Customers.
 - b. Average KWh consumption per customer, by customer type (residential, commercial, industrial).
 - c. Total Sales (GWh) to Ultimate Customers.
7. Please explain any historic trends, identify the major factors that contribute to the observed historic trends, and provide other information as requested below in each of the following components of Summer/Winter Peak Demand in the Utility's 2026 TYSP:
- a. Demand Reduction due to the Company's energy efficiency and/or conservation program(s) and Self Service, by customer type (residential, commercial, industrial) as well as by Total Customers.
 - b. Demand Reduction due to Demand Response programs, Demand Side Renewable Systems and/or Self Service, by customer type (residential, commercial, industrial).
 - c. Total Demand.
 - d. Net Firm Demand, by the sources of peak demand appearing in Schedule 3.1 and Schedule 3.2 of the current planning period TYSP.

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.
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.
10. The following requests pertain to the Utility's load forecasts in the Utility's 2026 TYSP.
- a. Please explain how the forecasts of annual demand and energy are used by the Utility in the resource planning process undertaken to identify optimal resource additions for the period included in the TYSP.
 - b. Does the Utility prepare low case and high case demand and energy forecasts? Why or why not?
 - c. If so, what conditional changes generate low case and high case forecasts for the Utility, and how are probabilities assigned to such forecasts?

- d. If low and high case forecasts are prepared, explain whether and how such forecasts may impact resource planning and additions appearing in the TYSP. Give specific examples.
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.
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.
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.
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?
15. Regarding the Utility's base case forecasts in the Utility's 2026 TYSP, please explain the forecasted trends, identify the major factors (currently and in the forecasted period) that contribute to the growth/decline of the trends, and provide other information as requested below in each of the following:
 - a. Growth of customers, by customer type (residential, commercial, industrial) as well as Total Customers.

- b. Average KWh consumption per customer, by customer type (residential, commercial, industrial).
 - c. Total Sales (GWh) to Ultimate Customers.
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.
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.
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.
19. Please explain any current and forecasted trends, identify the major factors that contribute to the observed current and forecasted trends, and provide other information as requested below in each of the following components of the Utility's base case Summer/Winter Peak Demand the Utility's 2026 TYSP:
 - a. Demand Reduction due to the Company's energy efficiency and/or conservation program(s) and Self Service, by customer type (residential, commercial, industrial) as well as by Total Customers.
 - b. Demand Reduction due to Demand Response programs, Demand Side Renewable Systems and/or Self Service, by customer type (residential, commercial, industrial).
 - c. Total Demand.
 - d. Net Firm Demand, by the sources of peak demand appearing in Schedule 3.1 and Schedule 3.2 of the current planning period TYSP.
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.
21. Please provide responses to the following questions regarding the weather factors considered in the Utility's retail energy sales and peak demand forecasts:
 - a. Please identify, with corresponding explanations, all the weather-related input variables that were used in the respective Retail Energy Sales, Winter Peak Demand, and Summer Peak Demand models.

- b. Please specify the source(s) of the weather data used in the aforementioned forecasting models.
 - c. Please explain in detail the process/procedure/method, if any, the Utility utilized to convert the raw weather data into the values of the model input variables.
 - d. Please specify with corresponding explanations:
 - (1) How many years' historical weather data was used in developing each retail energy sales and peak demand model.
 - (2) How many years' historical weather data was used in the process of these models' calibration and/or validation.
 - e. Please explain how the projected values of the input weather variables (that were used to forecast the future retail energy sales or demand outputs for each planning years 2026–2035) were derived/obtained for the respective retail energy sales and peak demand models.
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.

Demand-Side Resources

23. Please address the following questions regarding the impact of all customer-owned/leased renewable generation (solar and otherwise) on the Utility forecasts.
- a. Please explain in detail how the Utility's load forecast for the 2026-2035 period accounts for the impact of all forms of customer's renewable generation.
 - b. Please provide the annual impact, if any, of all forms of customer's renewable generation on the Utility's retail demand and energy forecasts, by class, by year, and in total, for the 2026 through 2035 period.
 - c. If the Utility maintains a forecast for the planning horizon (2026-2035) of the number of customers with renewable generation, by customer class, please provide.
 - d. Please provide the source of all data for responses to parts (b) and (c) above.
24. Please address the following questions regarding the impact of all customer-owned/leased energy storage devices on the Utility forecasts.
- a. Please explain in detail how the Utility's load forecast for the 2026-2035 period accounts for the impact of all forms of customer's energy storage.

- b. Please provide the annual impact, if any, of all forms of customer's energy storage on the Utility's retail demand and energy forecasts, by class, by year, and in total, for the 2026 through 2035 period.
 - c. If the Utility maintains a forecast for the planning horizon (2026-2035) of the number of customers with energy storage, by customer class, please provide.
 - d. Please provide the source of all data for responses to parts (b) and (c) above.
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.
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.
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.

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.
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.
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.

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.
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.
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)
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)
35. Please describe any utility programs or tariffs currently offered to customers relating to PEVs, and describe whether any new or additional programs or tariffs relating to PEVs will be offered to customers within the current planning period.
 - a. Of these programs or tariffs, are any designed for or do they include educating customers on electricity as a transportation fuel?
 - b. Does the Utility have any programs where customers can express their interest or expectations for electric vehicle infrastructure as provided for by the Utility? If so, please describe in detail.
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.
37. If applicable, please list and briefly describe all PEV pilot programs the Utility is currently implementing and the status of each program.
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.

Emerging Technologies

39. With respect to the energy consumption resulting from the emerging technologies-related electrical equipment (specifically PEVs and Data Centers):
 - a. Please explain how PEVs and Data Centers are recognized in the Utility's sales forecasting models.
 - b. Please explain whether PEVs and Data Centers have notable impacts on the forecasting accuracy of the Utility's annual retail energy sales models.
 - c. Please identify any other emerging technologies-related electrical equipment the Utility has specifically recognized in its sales forecasting models, and explain whether any such equipment has notable impacts on the forecasting accuracy of the Utility's annual retail energy sales model.

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.

41. Does the load forecast in the Utility's 2026 TYSP include projections of annual energy consumption and demand associated with data centers within the Utility's service area during the forecasting time horizon (2026-2035)?
 - a. If such projections have been made, please provide details of the projections, including the type of data centers expected to contribute to energy/demand, and the factors that are driving this energy consumption and demand.
 - b. If no specific projections have been made, please explain the Utility's assumption(s) or belief(s) regarding the likely pattern of load growth associated with this industry within its service territory.

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.

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.

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.

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.
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.
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.
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.
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.
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?

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.
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.

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)**.
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.
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.
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).
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.
58. Please identify and describe the objectives and methodologies of all energy storage pilot programs currently running or in development with an anticipated launch date within the current planning period. If the Company is not currently participating in or developing energy storage pilot programs, has it considered doing so? If not, please explain.
 - a. Please discuss any pilot program results, addressing all anticipated benefits, risks, and operational limitations when such energy storage technology is applied on a utility scale (> 2 MW) to provide for either firm or non-firm capacity and energy.
 - b. Please provide a brief assessment of how these benefits, risks, and operational limitations may change over the current planning period.
 - c. Please identify and describe any plans to periodically update the Commission on the status of your energy storage pilot programs.

59. If the Company utilizes non-firm generation sources in its system portfolio, please detail whether it currently utilizes or has considered utilizing energy storage technologies to provide firm capacity from such generation sources. If not, please explain.
- a. Based on the Company's operational experience, please discuss to what extent energy storage technologies can be used to provide firm capacity from non-firm generation sources. As part of your response, please discuss any operational challenges faced and potential solutions to these challenges.

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.
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.

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

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

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

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

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

Environmental

79. Please explain if the Company assumes carbon dioxide (CO₂) 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:
- Please identify the year during the current planning period in which CO₂ compliance costs are first assumed to have a non-zero value.
 - [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.
 - [Investor-Owned Utilities Only]** Please provide a revised resource plan assuming no CO₂ compliance costs.
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.
81. For the U.S. EPA's Standards of Performance for Greenhouse Gas Emissions for New Stationary Sources: Electric Utility Generating Units Rule:
- Will your Company be materially affected by the rule?
 - What compliance strategy does the Company anticipate employing for the rule?
 - If the strategy has not been completed, what is the Company's timeline for completing the compliance strategy?
 - Will there be any regulatory approvals needed for implementing this compliance strategy? How will this affect the timeline?
 - 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.
 - If the answer to any of the above questions is not available, please explain why.
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.
- Mercury and Air Toxics Standards (MATS) Rule.
 - Cross-State Air Pollution Rule (CSAPR).
 - Cooling Water Intake Structures (CWIS) Rule.
 - Coal Combustion Residuals (CCR) Rule.
 - Standards of Performance for Greenhouse Gas Emissions for New Stationary Sources: Electric Utility Generating Units.
 - Affordable Clean Energy Rule or its replacement.
 - Effluent Limitations Guidelines and Standards (ELGS) from the Steam Electric Power Generating Point Source Category.

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.
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.
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.
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.