

**Docket No. 4770**  
**Twenty-First Set of Data Requests of the**  
**Division of Public Utilities and Carriers to National Grid**  
**February 2, 2018**

**Finances**

- 21-1. Please refer to Attachment PUC 1-21, and provide the following:
- a. An explanation and supporting documentation for each expense line item for each originating company by G/L Account – Key and Cost Type.
  - b. Provide an Excel spreadsheet that shows the expenses allocated or assigned to the Company from each of its affiliates for the Test Year end June 30, 2017, and comparable twelve-month totals for July 1, 2014 through June 30, 2015 and July 1, 2015 through June 30, 2016.
- 21-2. Please refer to Attachment PUC 1-22, and provide the following:
- a. An explanation and supporting documentation for each expense line item for each originating company by G/L Account – Key and Cost Type.
  - b. Provide an Excel spreadsheet that shows the expenses allocated or assigned to the Company from each of its affiliates for the Test Year end June 30, 2017, and comparable twelve-month totals for July 1, 2014 through June 30, 2015 and July 1, 2015 through June 30, 2016.
- 21-3. Please refer to the Company's response to PUC 1-26 and Attachments PUC 1-26-1, PUC 1-26-2, and PUC 1-26-3, and provide an Excel spreadsheet that shows subaccounts, titles to the subaccounts, and balances of the subaccounts for each of the following twelve-month periods in successive columns:
- a. Twelve-month period ended December 31, 2014;
  - b. Twelve-month period ended December 31, 2015;
  - c. Twelve-month period ended December 31, 2016;
  - d. Twelve-month period ended December 31, 2017 (estimates in place of actuals where necessary with a note explaining what period and for what line items any estimates are used); and
  - e. Test year, which is the twelve-month period ending June 30, 2017.
- 21-4. Please refer to the Company's response to PUC 1-28, and please explain how much of the cost in the Rate Year related to these bonuses drives the rate increase.
- 21-5. Please refer to the Company's response to PUC 1-52 and Attachments PUC 1-52-3 and PUC 1-52-4 that provide a detailed breakdown of year-end balances of miscellaneous deferred debits, and respond to the following:

- a. Provide an Excel spreadsheet that shows each of the following twelve-month periods in successive columns:
    - i. Twelve-month period ended December 31, 2014;
    - ii. Twelve-month period ended December 31, 2015;
    - iii. Twelve-month period ended December 31, 2016;
    - iv. Twelve-month period ended December 31, 2017 (estimates in place of actuals where necessary with a note explaining what period and for what line items any estimates are used); and
    - v. Test year, which is the twelve-month period ending June 30, 2017.
  - b. Explain in detail what costs are being recorded under line numbers 73 (Prelim. Survey and Investigation Charges (Electric) (183)) and 74 (Preliminary Natural Gas Survey and Investigation Charges (183.1)).
- 21-6. Please refer to the Company's response to PUC 1-54 and Attachments PUC 1-54-1, PUC 1-54-2, and PUC 1-54-3 that provide a detailed breakdown of year-end balances of other deferred credits, and provide an Excel spreadsheet that shows each of the following twelve-month periods in successive columns:
  - a. Twelve-month period ended December 31, 2014;
  - b. Twelve-month period ended December 31, 2015;
  - c. Twelve-month period ended December 31, 2016;
  - d. Twelve-month period ended December 31, 2017 (estimates in place of actuals where necessary with a note explaining what period and for what line items any estimates are used); and
  - e. Test year, which is the twelve-month period ending June 30, 2017.
- 21-7. Please refer to the Company's response to PUC 1-55 and Attachments PUC 1-55-1 and PUC 1-55-2 and provide an Excel spreadsheet that shows itemized and quantified cost of National Grid and the Company's outside services employed for each of the following twelve-month periods in successive columns:
  - a. Twelve-month period ended December 31, 2014;
  - b. Twelve-month period ended December 31, 2015;
  - c. Twelve-month period ended December 31, 2016;
  - d. Twelve-month period ended December 31, 2017 (estimates in place of actuals where necessary with a note explaining what period and for what line items any estimates are used); and
  - e. Test year, which is the twelve-month period ending June 30, 2017.
- 21-8. Please refer to the Company's response to PUC 1-74 and Attachments PUC 1-74-1, PUC 1-74-2, and PUC 1-74-3, and provide an Excel spreadsheet that shows the corporate charges from the National Grid US Service Company and National Grid Engineering Services to Narragansett Electric Company by Natural Account and Natural Account Description for each of the following twelve-month periods in successive columns:
  - a. Twelve-month period ended December 31, 2014;

- b. Twelve-month period ended December 31, 2015;
  - c. Twelve-month period ended December 31, 2016;
  - d. Twelve-month period ended December 31, 2017 (estimates in place of actuals where necessary with a note explaining what period and for what line items any estimates are used); and
  - e. Test year, which is the twelve-month period ending June 30, 2017.
- 21-9. Please refer to the Company's response to PUC 1-75 and Attachment PUC 1-75-1, and provide an Excel spreadsheet that shows the outside services charged from National Grid and National Grid USA Service Company, Inc. that were allocated or assigned to the Company by Receiving company code, Sending company code, Natural account and Natural Account Description for each of the following twelve-month periods in successive columns:
- a. Twelve-month period ended December 31, 2014;
  - b. Twelve-month period ended December 31, 2015;
  - c. Twelve-month period ended December 31, 2016;
  - d. Twelve-month period ended December 31, 2017 (estimates in place of actuals where necessary with a note explaining what period and for what line items any estimates are used); and
  - e. Test year, which is the twelve-month period ending June 30, 2017.
- 21-10. Please refer to the Company's response to DIV 3-17, and please explain if there have been any changes to its capitalization policies since the Company's last base rate case (Docket 4323).
- 21-11. The Company states in its response to PUC 4-20, it "believes that there is an opportunity to eliminate any bias towards capitalization and encourage greater use of software, platform, and infrastructure as a service arrangement through the granting of rate base treatment to prepaid lease contracts."
- a. Is the Company proposing rate base treatment for prepaid lease contracts associated with its IT implementations in the instant case?
  - b. If yes, please indicate which line items in the gas and electric revenue requirements reflect such an approach and the total impact on the rate request for the rate and data years.
  - c. If no, please indicate which expense items in the gas and electric revenue requirements for the rate year and data years are associated with IT lease contracts that, under the New York Public Service Commission ruling referenced in the response, would be eligible for rate base treatment. Under such a scenario what would be the net impact to the rate and data year rate requests?
  - d. How has the Company implemented its IT strategy to eliminate any bias towards capitalization?

### **Personnel**

- 21-12. Please refer to the Company's response to PUC 3-35, and explain and provide supporting documentation for why the Company decided to bring the outsourced work in-house.
- 21-13. Please refer to the Company's response to DIV 2-31 and Attachment DIV 2-31, and provide the Narragansett Electric Company Headcounts for Electric Employees by Non-Union and Union for each calendar year since the Company's last base rate case (Docket 4323).
- 21-14. Please refer to the Company's response to DIV 2-34 and Attachment DIV 2-34, and provide the Narragansett Electric Company Headcounts for Gas Employees by Non-Union and Union for each calendar year since the Company's last base rate case (Docket 4323).
- 21-15. Please refer to the Company's response to DIV 2-36 and Attachment DIV 2-36, and provide the National Grid USA Service Company, Inc. Headcounts for Employees by Non-Union and Union for each calendar year since Narragansett Electric Company's last base rate case (Docket 4323).
- 21-16. Please refer to the Company's response to DIV 3-6 and Attachment DIV 3-6, and respond to the following:
  - a. Confirm that the Attachment shows the Company's Rhode Island Workstate Employee Population in 2007 that was 55 years or older was about 30% and in July 2017 the percentage that was 55 years or older was about 37%.
  - b. Explain what steps, procedures, and analyses the Company started undertaking in 2007, and going forward, to address the aging Rhode Island Workstate Employee Population as evidenced in the data noted in a.) above.
- 21-17. Please refer to the Company's response to DIV 3-7 and Attachment DIV 3-7, and provide this attachment in Excel spreadsheet format.
- 21-18. Please refer to the Company's response to DIV 3-16 and Attachments DIV 3-16-1, DIV 3-16-2, and DIV 3-16-3, and provide each attachment in Excel spreadsheet format within the same Excel file.

### **Customer Affordability Program**

- 21-19. Please refer to the Company's response to DIV 9-17 and explain and provide documentation showing why the Company has decided to spend targeted dollars on direct outreach or customer education for income-eligible customers in the Rate Year, since it has not done so historically.

### **Gas Business Enablement and Technology**

- 21-20. Please provide a copy of The NorthStar Report, commissioned by the New York Public Service Commission (NYPSC) (analyzing the rollout of US Foundation Program aka

SAP), was referenced in NYPSC Cases 17-E-0238 and 17-E-0239 Testimony of Staff Gas Business Enablement Panel, on page 19.

- a. For each conclusion and recommendation listed in the Report, please provide an explanation of how the recommendation has been applied to each project listed in workpaper 6A-6C; Service Company Rents; and if a recommendation hasn't been applied, why not.
- b. For each conclusion and recommendation listed in the Report, please provide an explanation of how the recommendation has been applied to the Gas Business Enablement Program; and if a recommendation hasn't been applied, why not.

### **Cost of Service**

- 21-21. Refer to Direct Testimony of Howard Gorman at p 22, line 5. In applying the concept of gradualism, please explain the basis for setting the limit for any class increase specifically at twice the system average increase.

### **Rate Design and Bill Impacts**

- 21-22. Refer to NECO-17 Bill Impacts (Bill Impact workpapers), tabs A\_16, A\_60, A\_60\_2, A\_60\_3 and C-06. Please describe the basis for the "Percentage of Customers" column in each of these tabs, and provide a copy of any analysis, study or workpaper used to calculate the values in the column.
- 21-23. If it is not readily obtainable from the data provided in response to the previous question, provide:
- a. The distribution (number or %) of customers for each of the above classes (A-16, A-60 and C-06) for monthly kWh usage beginning with 0 kWh and increasing in increments of 10 kWh up to 300 kWh.
  - b. The distribution of Net Metering customers in the same format
- 21-24. Refer to Direct Testimony of Howard Gorman at p 37, lines 16-17. Provide the analysis used to determine that the proposed G-02 rates "minimize intra-class cost shifts." Explain how intra-class cost shifts are measured.
- 21-25. Refer to Direct Testimony of Howard Gorman at p 41, lines 1-2. Provide the analysis used to determine that the proposed G-32 rates "minimize intra-class cost shifts." Explain how intra-class cost shifts are measured.
- 21-26. Was minimizing intra-class cost shifts considered in the proposed design of A-16 and A-60 rates? If yes, provide the analysis used to determine that cost shifts are minimized. If not, explain why not.