

**STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION**

INTERROGATORIES ISSUED JOINTLY IN THE : DOCKET NO. 25-08-GE
NARRAGANSETT ELECTRIC COMPANY D/B/A :
RHODE ISLAND ENERGY SERVICE QUALITY :
PLAN (ELECTRIC OPERATIONS) AND GAS :
SERVICE QUALITY PLAN :

**PUBLIC UTILITIES COMMISSION’S THIRD SET OF JOINT DATA REQUESTS TO
THE NARRAGANSETT ELECTRIC COMPANY D/B/A RHODE ISLAND ENERGY**

(Issued April 2, 2025)
(Due April 23, 2025)

PUC 3-1

Please produce the Company’s response in a live Excel workbook with tabs for each subpart.

- a. In histograms, please plot the electric usage of each A-16 customer for the following periods:
- i. August 2023;
 - ii. August 2024;
 - iii. September 2023;
 - iv. September 2024;
 - v. October 2023;
 - vi. October 2024;
 - vii. November 2023;
 - viii. November 2024;
 - ix. December 2023;
 - x. December 2024;
 - xi. January 2024;
 - xii. January 2025;
 - xiii. February 2024; and
 - xiv. February 2025.

Please allocate the observed data into 25 kWh bins. Please provide a table indicating the number of observations in each bin, as well as the proportion of each bin relative to the population.

- b. Please repeat the processes in PUC 3-1(a), but for each gas customer in the R12 rate class for the following periods:
- i. December 2023;
 - ii. December 2024;
 - iii. January 2024;
 - iv. January 2025;
 - v. February 2024; and
 - vi. February 2025.

Please allocate the observed data into 10 therm bins. Please provide a table indicating the number of observations in each bin, as well as the proportion of each bin relative to the population.

- c. In histograms, please plot the difference in each A-16 customer's electric usage for the following periods:
- i. August 2024, as compared to August 2023;
 - ii. September 2024, as compared to September 2023;
 - iii. October 2024, as compared to October 2023;
 - iv. November 2024, as compared to November 2023;
 - v. December 2024, as compared to December 2023;
 - vi. January 2025, as compared to January 2024; and
 - vii. February 2025, as compared to February 2024.

Please allocate the observed data into 25 kWh bins. Please provide a table indicating the number of observations in each bin, as well as the proportion of each bin relative to the population.

- d. Please repeat the processes in 3-1(c), but for each gas customer in the R12 rate class for the following periods:
- i. December 2024, as compared to December 2023;
 - ii. January 2025, as compared to January 2024; and
 - iii. February 2025, as compared to February 2024.

Please allocate the observed data into 10 therm bins. Please provide a table indicating the number of observations in each bin, as well as the proportion of each bin relative to the population.

- e. In histograms, please plot the percentage change of each A-16 customer's electric usage for the following periods:
- i. August 2024, as compared to August 2023;
 - ii. September 2024, as compared to September 2023;
 - iii. October 2024, as compared to October 2023;
 - iv. November 2024, as compared to November 2023;
 - v. December 2024, as compared to December 2023;
 - vi. January 2025, as compared to January 2024; and
 - vii. February 2025, as compared to February 2024.

Please allocate the observed data into 5% bins. Please provide a table indicating the number of observations in each bin, as well as the proportion of each bin relative to the population.

- f. Please repeat the processes in 3-1(e), but for each gas customer in the R12 rate class for the following periods:
- i. December 2024, as compared to December 2023;
 - ii. January 2025, as compared to January 2024; and
 - iii. February 2025, as compared to February 2024.

Please allocate the observed data into 5% bins. Please provide a table indicating the number of observations in each bin, as well as the proportion of each bin relative to the population.

- g. Please briefly describe any uncontrollable or confounding variables, such as weather, that may influence the data requested above. Are there any controls or adjustments that the Company implements to account for those variables? If so, please repeat the processes in PUC 3-1(a)-(f), but using appropriate controls or adjustments that the Company believes will account for any uncontrollable or confounding variables. Please describe any controls or adjustments employed and the effects observed on the dataset.