

STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION

IN RE: BLOCK ISLAND UTILITY DISTRICT :
2021 DEMAND SIDE MANAGEMENT PLAN : DOCKET NO. 5013

PUBLIC UTILITIES COMMISSION Second SET OF DATA REQUESTS
DIRECTED TO BLOCK ISLAND UTILITY DISTRICT (BIUD)
(Issued May 4, 2021)
(Please respond as soon as possible, but no later than May 14, 2021)

- 2-1. Does the BIUD collect data on customer demand for and/or installation of new AC systems?

RESPONSE: BIUD does not track new installs of AC systems.

Prepared by: Jeffery M. Wright

- 2-2. Since developing its 2020 DSM Plan, has the BIUD gained any additional insights into which of its customers use electric resistance heating systems? More specifically, has the BIUD considered leveraging AMI-enabled data to identify electric resistance heating customers?

RESPONSE: To date, program participation has been limited due to the launch in the fourth quarter of 2020, followed by the COVID-19 impacts. However we will use all available information we have, including AMI-data if possible, to identify any electric resistance heating customers going forward. The Block Island Power Company never had a special heat meter like a lot of companies did in the 1970s so we would have to give the use of AMI data to identify resistance heat some thought. A member survey could prove to be more useful.

Prepared by: Katherine Johnson and Jeffery M. Wright

- 2-3. Did the BIUD utilize data enabled by its AMI infrastructure (in particular, customer peak demand data) to inform its 2021 DSM Plan? If not, does the BIUD plan on doing so in the future?

RESPONSE: Yes. We include the demand data (kW, Date and Time) in the consumer report provided to the audit team to be used in their analysis.

Prepared by: Katherine Johnson and Jeffery M. Wright

- 2-4. Both the 2020 and 2021 DSM Plans estimated their associated electric (MWh), oil (MMBtu), and propane (MMBtu) savings. Why doesn't BIUD seek to estimate the associated reductions in peak demand (MW) attributable to the DSM Plans?

RESPONSE: For the 2020 and 2021 DSM plans, BIUD did not have any historical data regarding peak demand reduction from previous efficiency efforts and thus opted not to generate any estimates of potential peak demand (MW) reductions absent data to support them. BIUD and its consultant will track these data in PY2021 and include the peak demand reductions in the PY2021 annual report. Based on these results, we will include a specific peak demand estimate in the 2022 plan.

Prepared by: Katherine Johnson

- 2-5. Do the estimated electric (MWh), oil (MMBtu), and propane (MMBtu) savings included in the 2020 and 2021 DSM Plans constitute savings targets? If so, please describe how the targets influence BIUD's administration of the DSM program over the course of the program year.

RESPONSE: The estimated electric, oil, and propane savings included in the 2020 and 2021 DSM plans are illustrative and based on estimates of customer adoption and measure mixes, and do not constitute formal savings targets. While these are not formal savings targets, BIUD and its consultant developed these estimates based on reasonable expectations of customer participation and are managing and marketing the program to drive towards these outcomes, recognizing that actual achievement will depend on customer participation and implemented measure mixes in a given year.

Prepared by: Katherine Johnson