

Development of New Alternative Net Metering Tariffs  
and/or Other Regulatory Mechanisms and  
Tariffs for Customer-Generators  
Docket No. DE 16-576

Eversource Set 1 Data Requests on Rebuttal Testimony to Commission Staff



Received: January 6, 2017  
Request Number: Eversource 1-7

Date of Response: January 20, 2017  
Witness: Stan Faryniarz

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**Request:**

Reference Bates Page 63 lines 7-9. Staff suggests that more data collection and analysis would be useful to better understand the level of DG penetration at which market price reductions may be realized and quantify market price mitigation costs and benefits.

- a. Please provide details on the type of data needed and the timeframe for data collection.
- b. Is Staff aware of any studies that examine DG penetration and the impact on price mitigation costs and benefits and the extent to which they should be recognized in a net metering tariff? Please provide references to these studies.

**Response:**

- (a) Types of relevant data to be collected could include, but not necessarily be limited to, data on historical output of DG systems across the ISO New England footprint or beyond, additional data on historical contributions to load reduction caused by energy efficiency, demand response and other market price suppressors in the same footprint(s), and historical data on locational marginal prices (LMPs) in the same footprint(s). The timeframe for data collection is expected to be a subject of the collaborative working group process recommended by Staff in the rebuttal testimony. These working groups would be convened to develop detailed plans and timelines for further data collection, any required metering and equipment procurement and installation, and the production and dissemination of the additional data collected.
- (b) Staff is unsure whether there are studies containing definitive measures of price mitigation costs and benefits of DG at the low penetration levels currently seen in New Hampshire. Such studies could be conducted by examining output from specific DG installations, and LMPs at specific nodes, where other price drivers could be controlled for through the study design and methodology.