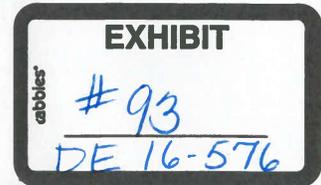


Development of New Alternative Net Metering Tariffs  
and/or Other Regulatory Mechanisms and  
Tariffs for Customer-Generators  
Docket No. DE 16-576

Eversource Set 1 Data Requests on Rebuttal Testimony to Commission Staff



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

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

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**Request:**

Reference Bates Page 60 lines 16-18, which suggests that more data collection and analysis are needed to better understand and quantify ancillary service 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 ancillary service 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) The types of data needed were largely identified and requested of the utilities and other parties in both direct prefiled testimony and discovery promulgated in this proceeding, though studies prepared in other jurisdictions and by other organizations could prove useful in determining the type of data needed. Relevant data to be collected could include, but not necessarily be limited to, data or design parameters accompanying any features associated with different DG technologies which could provide certain ancillary services (e.g., smart inverters or battery storage systems), and costs and cost trajectories of ancillary services required to augment the production, transmission, and distribution of electricity. 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 aware of a number of studies that have considered the avoided costs and other benefits of behind-the-meter solar systems and other distributed generation. Staff is not able to reference any particular study that extensively and definitively analyzes ancillary services costs and benefits attributable to DG in the net metering context.