



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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April 10, 2017

Christopher R. Bernard
Manager – Regulatory Policy & Planning (Transmission)
Eversource Energy
107 Selden Street
Berlin, CT 06037

RE: **FORECAST-2016/2017** – Connecticut Siting Council 2017 Ten-Year Forecast of Electric Loads and Resources

Dear Mr. Bernard:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than May 15, 2017. To help expedite the Council's review, please file individual responses as soon as they are available.

Please forward the original and 20 copies to this office. In accordance with the State Solid Waste Management Plan, the Council is requesting that all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. Fewer copies of bulk material may be provided as appropriate.

Any request for an extension of time to submit responses to interrogatories shall be submitted to the Council in writing pursuant to §16-50j-22a of the Regulations of Connecticut State Agencies.

Yours very truly,

Melanie Bachman
Acting Executive Director

MB/MP

c: Council Members

FORECAST-2016/2017
Eversource Interrogatories
Set One

1. Provide the predicted (not actual) 50/50 forecast loads for 2007 through 2016 from The Connecticut Light and Power Company (CL&P) d/b/a Eversource Energy's (Eversource) 2007 Forecast of Loads and Resources. Also provide Eversource's weather-normalized historical peak loads for 2007 through 2011.
2. Explain the methodology of how historical actual peak load data is converted to weather-normalized historical peak load data.
3. On page 8 of the 2017 Eversource Forecast, Eversource notes that, "This forecast includes explicit additions to the electrical energy output requirements due to electric vehicles (EVs). It does not include any additions to the peak forecast since it assumed that the majority of the charging will be done off-peak." Provide any assumptions made regarding electrical energy consumption by electric vehicles (EV). Include the numbers and types of EVs assumed, projected number of vehicles in use, power and energy consumption per vehicle associated with charging, etc.
5. Is it correct to say that there are no gigawatt-hours (GWh) reported from the ISO-NE's Load Response Program (ISOLRP) because the limited number of hours that the ISOLRP is in use results in a negligible energy savings?
6. Provide any underlying assumptions associated with distributed generation (DG) implicitly included in Table 2-2 of the 2017 Eversource Forecast. Is solar photovoltaic (solar PV) the only type of DG considered in Eversource's 2017 Forecast? Explain.
7. For Tables 4-1 (Transmission Projects) and 4-2 (Substation Projects), define the terms "under construction," "concept," "planned," and "proposed."