

*The United Illuminating Company
157 Church Street
P.O. Box 1564
New Haven, CT 06506-0901
203.499.2000*



June 7, 2011

Ms. Linda Roberts
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: CSC Docket F-2010/2011 Connecticut Siting Council Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources.

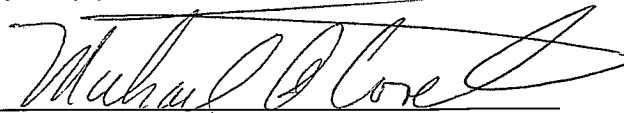
Dear Ms. Roberts:

Enclosed is The United Illuminating Company's response to Interrogatory CSC-UI-1 in the above referenced docket.

In accordance with the Council's instructions, an original, 15 copies and a PDF copy on CD have been provided. I hereby certify service of this filing upon all parties and intervenors of record in this proceeding.

If the Council needs additional information, please do not hesitate to call me at (203) 499-2629.

Very truly yours,

by 

Michael A. Coretto
Associate Vice President - Regulatory Affairs
UIL Holdings Corporation
As an Agent for The United Illuminating Company

Enclosures
Cc: Service List

Interrogatory CSC-UI-1

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Q-CSC-UI-1: Provide a break-down of the projected number of megawatts (MW) of load reduction for UI's territory due to conservation, load response/load management, and distributed generation for each year from 2011 through 2020. Include any assumptions associated with UI's forecast of distributed generation, if applicable. If possible, also include a similar estimated break-down by megawatt-hours.

A-CSC-UI-1: The incremental MW of load reduction and the associated incremental GWh reduction in forecasted sales due to distributed generation (DG) and conservation and load management (C&LM) are detailed in Tables 1-4 on pages 11 and 17 of UI's, "Report to the Connecticut Siting Council on Load and Transmission Resources", dated March 1, 2011, and have been included for reference below.

Table 1 – Incremental Annual Impact of DG to Sales Forecast (page 11)

Year	Reduction in Energy Sales due to DG (GWhrs)
2011	107
2012	49
2013	20
2014	-
2015	-
2016	-
2017	-
2018	-
2019	-
2020	-

Table 2 – Incremental Annual Impact of DG to Peak Load Forecast (page 11)

Year	Reduction in System Peak Load Forecast due to DG (MW)
2011	5.4
2012	4.1
2013	-
2014	-
2015	-
2016	-
2017	-
2018	-
2019	-
2020	-

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Table 3 – Incremental Annual Impact of C&LM to Sales Forecast (page 17)

Year	Reduction in Energy Sales due to C&LM (GWhrs)
2011	63
2012	41
2013	33
2014	29
2015	30
2016	30
2017	30
2018	30
2019	31
2010	31

Table 4 – Incremental Annual Impact of C&LM to Peak Load Forecast (page 17)

Year	Reduction in System Peak Load Forecast due to C&LM (MW)
2011	7.3
2012	4.9
2013	4.1
2014	3.8
2015	3.8
2016	3.9
2017	3.9
2018	3.9
2019	3.9
2020	4.0

The forecasted incremental annual sales reduction due to DG excludes those projects no longer anticipated and includes an 85% capacity factor regarding the forecasted units. The incremental annual reduction to system peak due to DG includes 50% of the units which have received grant approval with a 2011 – 2012 planned date of operation. The 50% value is consistent with the assumptions of UI's report filing last year, and reflects the likelihood of the remaining applicants to follow through with installation of the proposed DG projects before the grant expires (based on the utility's interaction with the customer). UI's system load reductions were 'grossed-up' using the system loss factor. Because the DG grant program has been discontinued, only projects of participants who submitted applications before October 14, 2008 are included. As a result, there are no incremental MW after 2012 and no incremental GWh after 2013 (certain projects have a ramp up of GWh due to partial year deployment in the first year and full

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deployment in the following years). Customers who were inclined to install DG were provided ample opportunity to do so during the time period grants were available. It is unlikely that DG on this scale would be sufficiently cost effective to install absent such grants that were offered through the program. Therefore, no post-grant DG was included in the forecast.

As has been noted in prior years, load response (or turning off certain loads during peak demand hours) is not included in the load forecast because those resources are made available at the discretion of the end use customer. There is minimal effect on energy consumption, or the kWh sales forecast, since savings are during a very limited number of hours.