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CONNECTICUT
SITING COUNCIL

July 6, 2005

Mr. S. Derek Phelps
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Docket No. F-2005 -- Connecticut Siting Council Review of the Ten-Year Forecast of
Connecticut Electric Loads and Resources

Dear Mr. Phelps:

The United Illuminating Company hereby submits an original and twenty (20) copies of its responses to The Connecticut Energy Advisory Board's (CEAB) Pre-Hearing Interrogatories 3, 6, 7, 11, 12, 14, 16, and 17. Copies have been sent to all persons on the service list for this proceeding.

Respectfully submitted,

THE UNITED ILLUMINATING COMPANY

by Michael A. Coretto (dc)

Michael A. Coretto.
Director – Regulatory Strategy &
Retail Access

Response to Pre-Hearing Interrogatory Question 3 – Set One

Q-CEAB-3: (a) Please provide any forecast of peak loads and energy developed by UI's distribution planning department (i.e., as may be developed "by substation"). Please provide any other information the Company possesses or has access to regarding a forecast of peak loads that may facilitate an understanding of resource needs at specific locations on the Company's power delivery system.

(b) Please describe how UI's distribution planning department develops its forecasts of peak loads and energy requirements for use in distribution system planning.

(c) Please describe the relationship between the forecast submitted to the Siting Council in this docket and the forecast developed by the Company's distribution planning department.

(d) Please provide the historical peak loads and energy (across the last 5 years) at a level that corresponds to the forecast information provided in response to Part (a), above (i.e., by town or by substation, depending).

A-CEAB-3: This interrogatory is beyond the scope of this load and resources forecast docket.

Response to Pre-Hearing Interrogatory Question 6 – Set One

Q–CEAB-6: With respect to the projects listed in Exhibit 5 of the Company’s filing to the Siting Council in Docket No. F-2005:

(a) Please indicate the projects that have not yet been approved by the Siting Council; and

(b) For each transmission project identified in the response to Part (a), please identify the load forecast that establishes the need for the project, and provide a copy of the load forecast (if not otherwise provided).

A–CEAB-6: (a) Projects that have not yet been approved by the Siting Council are as follows:

- Installation of new Trumbull Substation, Trumbull
- Installation of new substation in western Fairfield

(b) The load forecast will be included in the applicable Siting Council filings with respect to these projects.

Response to Pre-Hearing Interrogatory Question 7 – Set One

Q-CEAB-7: (a) Please provide the most recently completed distribution work plan (i.e., a plan that describes the Company's current plans for distribution system improvements).

(b) Please provide a current list of the capital projects for distribution facilities (e.g., a "five year plan") that the Company plans to undertake (if different from the above).

(c) Please provide a map that identifies the location (i.e., by town) of each distribution substation.

A-CEAB-7: This interrogatory is beyond the scope of this load and resources forecast docket.

Response to Pre-Hearing Interrogatory Question 11 – Set One

Q–CEAB-11: Please provide any studies the Company has performed or has access to that provide information or analysis on how distribution system planners may consider distributed generation (“DG”) options together with traditional infrastructure solutions.

A–CEAB-11: This interrogatory is beyond the scope of this load and resources forecast docket.

Response to Pre-Hearing Interrogatory Question 12 – Set One

Q-CEAB-12: (a) Please confirm that the forecast peak loads identified in Exhibits 1 and 2 of the Company's filing to the Siting Council have been reduced to reflect savings contributions from previously installed conservation and load management measures (i.e., those installed through December, 2004), but not those measures that will be installed in the future (i.e., programs and program measures approved by the DPUC in its March 30, 2005 Decision in Docket No. 04-11-01).

(b) In relation to Part (a), above, please provide a table that depicts (i.e., in separate rows or columns) (i) the peak load forecast, (ii) the reductions associated with previously installed measures, (iii) the reductions associated with measures assumed to be implemented in the future (i.e., in keeping with program budgets approved in the March 30, 2005 DPUC Decision at 20), and (iv) the resulting peak load as reduced by all conservation and load management measures.

(c) Please provide an estimate of the contributions from load response programs that are likely to reflect "significantly higher participation in the years ahead" after consideration of ISO-NE program support and performance (see March 30, 2005 Decision at 20).

A-CEAB-12: (a) The annual forecast is based on actual data from the previous year. Incorporation of actual loads includes the load reduction effects of all conservation programs. The timing of the program occurrence and the actual system loads is addressed through the half-year convention discussed in EL-8. The anticipated effects from future years are also included in the forecast.

(b) As noted in (a), the previous years' CLM activity is included in the forecast. The planned activities for the CLM programs are stated on Page 25. of the Companies' filing in Docket 04-11-01.

(c) ISO-NE operates several different types of load response programs. The ISO program that has had the most focus and the greatest amount of load enrolled is the 30 minute demand response program. This program is called for as part of OP-4 actions by ISO. The load forecast does not include impacts from this program since this program is only called for during emergency periods and under normal operation should have no impact on system peak loads.

Response to Pre-Hearing Interrogatory Question 14 – Set One

Q-CEAB-14: Please provide a copy of all updates to the UI forecast presented to the Siting Council with its March 11, 2005 filing in Docket No. F-2005, as they become available.

A-CEAB-14: UI will provide a copy of all updates to the UI forecast as they become available. None are available at this time.

Response to Pre-Hearing Interrogatory Question 16 – Set One

Q-CEAB-16: Please provide hourly loads by substation for the five years ended December 2004.

A-CEAB-16: The requested hourly loads by substation for the five years ended December 2004 are hereby submitted in a MS Access file. The file is contained in a CD-R entitled "5 Year Load Data, United Illuminating, Docket #F-2005, CEAB IR 16."

Response to Pre-Hearing Interrogatory Question 17 – Set One

Q-CEAB-17: Please provide peak day loads (both summer and winter) broken down by major electric end-use category.

A-CEAB-17: The Company does not have the requested peak day loads broken out by end-use category.