

CONNECTICUT ENERGY ADVISORY BOARD

Mailing Address: Office of Policy and Management
450 Capitol Avenue
ATTN: CEAB
Hartford, CT 06106

May 25, 2005

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CONNECTICUT
SITING COUNCIL

Mr. Stephen Gibelli, Esq.
Northeast Utilities
Service Company
P.O. Box 270
Hartford, CT 06141-0270

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

Dear Mr. Gibelli:

The Connecticut Energy Advisory Board (CEAB) requests that The Connecticut Light & Power Company respond to the enclosed interrogatories in the above captioned matter.

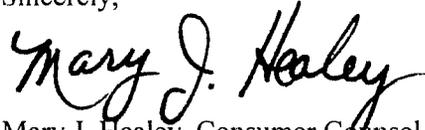
Pursuant to the revised docket schedule issued by the Connecticut Siting Council on May 19, 2005, responses to the interrogatories are due on June 17, 2005. To expedite review, please file responses as they are available.

If you have questions on any of the interrogatories, please contact:

Brian Abbanat
La Capra Associates
20 Winthrop Square
Boston, Mass. 02110
(617) 367-6500
babbanat@lacapra.com

Thank you in advance for your assistance.

Sincerely,



Mary J. Healey, Consumer Counsel
Vice Chairman
Connecticut Energy Advisory Board

cc: Service List
Ms. Pam Katz, Chair
Connecticut Siting Council

**Information Requests From
The Connecticut Energy Advisory Board
To Connecticut Light and Power Company**

CSC Docket No. F-2005

1. (a) Please provide any forecast of peak loads and energy developed by CL&P's distribution planning department (i.e., as may be developed "by substation" using the forecast presented to the Siting Council and input from distribution planning regarding foreseeable load requirements). 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 CL&P's distribution planning department developed the forecasts of peak loads and energy requirements provided in response to Part (a), above.

(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).
2. (a) Please provide the historical peak loads and monthly electric energy (on a "net electrical energy output" basis) for the past five years for (i) the 54 towns comprising the southwest Connecticut zone and (ii) the sixteen towns comprising the Norwalk-Stamford sub area.

(b) Please provide CL&P load data and, to the extent available, historical load data for other utilities that serve the two load zones identified in Part (a), above. If historical load data from other utilities is not available, (i) please provide CL&P's load data for these zones, (ii) indicate the portions of these zones where load data is not available to CL&P, and (iii) provide CL&P's best estimate of the historical loads for each zone. In responding to this information request, please provide the historical load data based on both actual metered loads and on a weather-normalized basis.

(c) Please provide a description of CL&P's weather-normalization methodology, as used in determining the load data provided in response to Part (b), above.
3. Please provide a copy of the 2002 study of loads in the Norwalk-Stamford and Southwest Connecticut areas that was developed to support the transmission facility

application to the Siting Council in Docket No. 272. Please also provide an explanation of any information the Company possesses or has access to that could influence the study if it were performed today.

4. With respect to the projects listed in Table V-5 of the Company's filing to the Siting Council in the forecast proceeding:
 - (a) For each transmission project listed, please indicate whether the project is a subcomponent of a larger transmission project that (i) has been, or (ii) will be filed with the Siting Council. In each instance, identify the larger transmission project.
 - (b) For each transmission project listed, please provide a "best estimate" of the likely in-service date for the project,
 - (c) For each estimated in-service date for each transmission project (i.e., as provided in response to Part (b), above), please identify the source of that estimate and provide an assessment of the degree to which the in-service date identified is relatively certain or uncertain.
 - (d) For each transmission project listed, provide the most recent planning study that has been conducted by or for CL&P or ISO New England which establishes CL&P's current assessment of the need for each project.
 - (e) If the load forecast information used in any of the studies provided in response to Part (d), above, is different from the load forecast filed by CL&P in this proceeding, please describe the load forecasting basis for the study.
5.
 - (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.
 - (c) Please provide a copy of all of the Company's compliance filings submitted to the DPUC relative to capital projects (for distribution facilities) pursuant to orders in Docket No. 03-07-02.
 - (d) Please provide a map that identifies the location (i.e., by town) of each distribution substation.
6. Please confirm that the contributions from conservation and load management programs that the Company identifies in its F-2005 filing are the same as those that are anticipated to result (i.e., in terms of capacity and energy contributions) from the

programs and budget approved by the DPUC in the Final Decision in Docket No. 04-11-01 dated March 30, 2005. If they are not identical, please identify and explain all differences.

7. (a) Please confirm that (i) existing cogeneration facilities that result in load and energy reductions are incorporated in the Company's load and energy forecasts, and (ii) load and energy offsets from potential new cogeneration facilities are not so incorporated.

(b) Please provide a tabulation of the load and energy forecast that includes the load information before and after the existing cogeneration facility load and energy reductions referred to in Part (a), above.

8. Please confirm that, for planning purposes, transmission facilities are those that are 69 kV and above, and distribution facilities fall below that level.

9. 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.

10. (a) Please confirm that the forecast peak loads identified in Table II-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, and (iv) the resulting peak load as reduced by all conservation and load management measures.

11. Please refer to the DPUC's Final Decision in Docket No. 04-11-01 dated March 30, 2005:

(a) Please provide any "forecasted peak demand and energy use for SWCT and the rest of Connecticut, and the impact on growth due to conservation programs" (see Decision at 18).

- (b) Please identify the anticipated response (i.e., in terms of demand and energy savings for SWCT and Connecticut) from the \$1 million in 2004 funds added to the Company's proposed load response budget (see Decision at 20).
- (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).
12. Please provide a copy of CL&P's 2005 Economic and Load Forecast (as noted on page II-1 of CL&P's March 1, 2005 filing to the Siting Council) and all updates to the forecast that become available.
13. (a) Please provide a summary of the Company's 5-year history of winter peak loads.
- (b) Please provide the most recent forecast of winter peak loads on CL&P's system.
- (c) Please provide a copy of all analyses performed by the Company, or that the Company has access to, that discuss the reliability of Connecticut's electric system during the winter months as affected by generating units fired by natural gas.
14. Please provide hourly loads by substation for the five years ended December 2004.
15. Please provide peak day loads (both summer and winter) broken down by major electric end-use category.
16. (a) Please provide the electricity price inputs to the Company's load forecast filed on March 1, 2005, and for the Company's 2005 Economic and Load forecast.
- (b) Please provide all studies of (i) electricity prices and (ii) electricity price elasticity considered by the Company in developing the electricity price inputs provided in response to Part (a), above.
- (c) Please provide any assessments made by or for CL&P regarding the affect on CL&P's forecast of peak loads and energy that would result if the military installation closure recommendations for issued in early May 2005 were to be implemented. Please include both the direct effects of the base closures and the indirect effects on the Connecticut economy.

17. Please provide disaggregations of (a) the load forecast included in the March 1, 2005 filing to the Siting Council and (b) the 2005 Economic and Load forecast by customer class (e.g., residential, commercial, industrial, other) and by end use. Provide these disaggregations for (i) CL&P and for southwest Connecticut and (ii) the Norwalk-Stamford zones.