

Witness Responsible: Charles J. Carpinella

RESPONSE TO CEAB DATA REQUEST Dated June 18, 2008

Q-CEAB-1-CMEEC Please provide a detailed description of the methodology by which the energy and peak demand forecasts contained in your initial filing in this proceeding were prepared.

A-CEAB-1-CMEEC As was the case for the forecast which was filed in 2007, the forecast presented in Table I contains the total system requirements and the summer and winter coincident peak demand for CMEEC in total. In prior years, CMEEC has utilized an econometric approach to forecast the needs of our Members for the Connecticut Siting Council's 10 year forecast. This methodology was presented in Docket F-2006 in an interrogatory (CSC-3) from the Connecticut Siting Council. Given the changes in the electric utility industry in the past four years and the limited resources available, CMEEC determined that a change as to how the forecasts are developed was necessary.

The approach now used is to develop a five year forecast of total system energy requirements and peak demands for each of the Members/Participants based upon historical energy and peak demand values utilizing a statistical software package named RATS (Regression & Time Series). The results of this approach for the five year budget forecast are then extrapolated utilizing an Excel spreadsheet which takes into account the historical levels for the residential, small, medium and large general service categories. The forecasted CMEEC system energy requirements are computed by summing the individual Members/Participants component forecasts. The forecasted CMEEC summer and winter coincident peak demands are then computed by summing the individual Members/Participants noncoincident peak demands and multiplied by an average monthly historical coincidence factor.

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- Q-CEAB-2-CMEEC Please provide your Normal weather and economic activity (“50/50”) 2008-2017 forecast with Conservation and Load Management impacts from continued funding or implementation of programs in the period 2008-2017 and no reductions from anticipated distribution generation from the Department of Public Utility Control’s DG Grant Program for (a) total systems energy requirements and (b) summer peaks.
- A-CEAB-2-CMEEC Please refer to CMEEC’s response to Connecticut Siting Council Question 1 in Docket F-2008.

Connecticut Municipal Electric Energy Cooperative
CEAB Docket No. F-2007

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- Q-CEAB-3-CMEEC Please provided the number of MW and customers in your service territory that are currently enrolled in the ISO-NE Demand Response Program.
- A-CEAB-3-CMEEC As of June 27, 2008, there are 10 customers with a total of 28.46 megawatts enrolled in the 30_Minute Real Time Demand Response Program (without generation – i.e. load reducers) and 12 customers with a total of 13.2 megawatts enrolled in the 30_Minute Real Time Demand Response Program (emergency generation – i.e. generators).

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- Q-CEAB-4-CMEEC Please provide the number of MW and customers in your service territory that (a) cleared in FCA1 as a real time demand response or profiled response customer, or (b) cleared in FCA1 as an other demand resource (ODR).
- A-CEAB-4-CMEEC As a result of the Forward Capacity Auction #1, CMEEC did not have any customers that cleared as a real time demand response or as a profiled response customer. In terms of ODRS, CMEEC had 1 efficiency project of 6.923 Mw spread over thousands of customers. In addition, CMEEC had a total 3 customers with a total of 2.56 megawatts that cleared.

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- Q-CEAB-5-CMEEC Please describe and show the calculations underlying the load factor forecasts found in CL&P's Table 2-1, UI's Exhibit I and CMEEC's Table I.
- A-CEAB-5-CMEEC The calculations shown in CMEEC's Table I are computed by dividing the total projected annual system energy requirements by the product of the forecasted annual system peak demand (either summer or winter) and the number of hours in the year.

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Q-CEAB-6-CMEEC Please indicate whether the load factor forecasts found in CL&P's Table 2-1, UI's Exhibit I and CMEEC's Table I are an input (along with energy requirements) to the peak demand forecasts or our an output of the summer peak forecasts..

A-CEAB-6-CMEEC The load factor forecasts found in CMEEC's Table I are an output of the summer peak forecasts.

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Q-CEAB-7-CMEEC Please indicate which of the transmission improvements described in your initial filings in this proceeding are to serve planned or anticipated generating facilities.

A-CEAB-7-CMEEC As provided for in CMEEC's March 1, 2008 filing, the upgrades described within Section 7 either being planned or are currently in progress are designed for improvement in system reliability of the Members/Participants distribution system. The one transmission improvement described in Section 7 of the March 1, 2008 filing that is planned to serve generating facilities is for the 50 MW unit in South Norwalk scheduled to be on-line by June 2010.

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Q-CEAB-8-CMEEC Please provide a copy of your ten-year plan for infrastructure improvements in Connecticut.

A-CEAB-8-CMEEC Please find below a brief synopsis of CMEEC's ten-year plan for infrastructure improvements in Connecticut.

There are plans to install a ring bus for the Buddington Substation in Groton. Timing is contingent on Northeast Utilities plans for upgrading the 69 kV lines in Southeastern Connecticut. These improvements are needed to better support key defense and industrial installations in Southeastern Connecticut.

Bozrah Light & Power Company is currently making improvements/replacements of breakers and protective switches at the Stockhouse Road 115 kV substation in Bozrah.

There is a possibility that a 115 kV substation in South Norwalk may be built. This is contingent on Northeast Utilities plans for distribution and transmission upgrades in the Norwalk area and the long term reliability expectations for the 27.6 kV lines currently supplying South Norwalk and East Norwalk and the development of a new renewable resource generating unit in South Norwalk.

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- Q-CEAB-16-CMEEC Please provide the forecast of conservation and load management (C&LM) impacts from continued funding or implementation of programs in the period 2008-2017 on (a) total system energy requirements and (b) summer peaks. Provide data in the following form: total C&LM, conservation impacts only, and load management impacts only.
- A-CEAB-16-CMEEC Please refer to CMEEC's response to Connecticut Siting Council Question 1 in Docket F-2008.

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Q-CEAB-22-CMEEC

Please indicate whether the forecasts in Table I correspond to normal ("50/50) weather and economic activity conditions or extreme ("90/10) weather and economic activity conditions.

A-CEAB-22-CMEEC

The reference forecast as presented in Table I is the likely forecasted coincident peak based upon expected normal weather. CMEEC does not perform detailed scenario analysis when preparing the peak demand forecast. CMEEC updates its forecasts on a continuous basis and does forecasting in the short term on a daily basis and as a result these updated forecasts reflect the most recent weather data which effectively eliminates the need for scenario analysis.

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| Q-CEAB-23-CMEEC | Please indicate whether the forecasts in Table I assume power production from the facilities in Table VII. |
| A-CEAB-23-CMEEC | The CMEEC forecast reflected in Table I does assume that power production from these facilities is available throughout the forecast period. |