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April 10, 2007

TO: Council Members

FROM: S. Derek Phelps, Executive Director 

RE: Docket No. F-2007 - Connecticut Siting Council Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources.

PROGRAM/SCHEDULE

I. Introduction

Pursuant to General Statutes § 16-50r, Every person engaged in electric transmission services, as defined in section 16-1, electric generation services, as defined in said section, or electric distribution services, as defined in said section generating electric power in the state utilizing a generating facility with a capacity greater than one megawatt, shall annually file a report on a forecast of loads and resources which may consist of an update of the previous year's report with the Council for its review. The report shall cover the ten-year forecast period beginning with the year of the report.

Filings contain applicable information required by General Statutes § 16-50r including:

1. a tabulation of estimated peak loads, resources, and margins for each year;
2. data on energy use and peak loads for the five preceding calendar years;
3. a list of existing generating facilities in service;
4. a list of scheduled generating facilities for which property has been acquired, for which Certificates have been issued, and for which Certificate applications have been filed;
5. a list of planned generating units at plant locations for which property has been acquired, or at plant locations not yet acquired, that will be needed to provide estimated additional electrical requirements, and location of such facilities;
6. a list of planned transmission lines on which proposed route reviews are being undertaken or for which Certificate applications have been filed;
7. a description of the steps taken to upgrade existing facilities and to eliminate overhead transmission and distribution lines in accordance with the regulations and standards described in General Statutes § 16-50t; and

8. a statement including name, location, size, and type of each generating facility, the fuel consumed by the facility and the by-product of the consumption, for each private power producer having a facility generating more than one megawatt and from whom the person furnishing the report has purchased electricity during the preceding calendar year.

II. Forecasting Connecticut's electric loads and resources in a competitive market.

Council staff suggests a streamlined report identifying the statutory required information with the following points of emphasis:

Resources

- Generation resources available to meet demand.
- Fuel type and facility diversity.
- Retirement of existing facilities.

Load

- Actual and forecasted energy demand requirements.
- Peak loads and capacity requirements.

Demand Side Management

- Funding.
- Effect on demand.

Transmission

- Review of ISO-NE Regional System Plan (RSP).
- Line and substation upgrades.

Capacity Assessment

- Comprehensive assessment of the electric generation and transmission system.

III. Proposed F-2007 Schedule

Pre-hearing interrogatories	
Set one mailed	4/16/07
Responses due	5/7/07
Set two mailed	5/11/07
Responses due	6/1/07
Draft report	6/5/07
Pre-filed testimony due	6/6/07
Hearing (10:00 a.m. and 7:00 p.m.)	6/12/07
Deadline for comments on draft report	7/12/07
Final report for Council approval	9/6/07

Staff recommends designating Lisa Fontaine as custodian of the docket, holding the public hearing in Hartford at the Legislative Office Building, and depositing the transcript in the office of the Connecticut Siting Council. The Council will provide public notice of the hearing and will inform all interested persons of the proceeding.

Michael A. Perrone
Siting Analyst