

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE: : DOCKET NO. F-2012/2013
: :
REVIEW OF THE TEN YEAR FORECAST :
OF CONNECTICUT ELECTRIC LOADS :
AND RESOURCES : MAY 4, 2012

REPORT OF FORECAST OF LOADS AND RESOURCES
OF KLEEN ENERGY SYSTEMS, LLC

Pursuant to the provisions of Section 16-50r of the Connecticut General Statutes, Kleen Energy Systems, LLC hereby submits this report of its ten-year forecast of loads and resources.

(1) Tabulation of Estimated Peak Load, Resources and Margins for Each Year

The Kleen Energy Project in Middletown, Connecticut is Kleen Energy Systems, LLC's sole power generating asset in the State of Connecticut. Kleen Energy has the capacity to generate 620 net megawatts (MW) of electricity.

Kleen Energy, as a wholesale power producer, does not have a franchised territory within which it would estimate peak load requirements or margins for the period 2012 through 2022, and therefore, no such estimates are offered.

(2) Data on Energy Use and Peak Loads for the Five Preceding Calendar Years

The Kleen Energy Project became commercial in July of 2012. As a result, the net MWH generated by the project for 2007-2010 were zero. For the portion of 2011 for which Kleen Energy was operational, Kleen Energy generated 1,901,883 net MWH.

(3) A List of Existing Generating Facilities in Service

Kleen Energy, located at 1349 River Road in Middletown, Connecticut, is a 620 MW combined cycle generating facility that can utilize pipeline quality natural gas and ultra low sulfur diesel fuel.

(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.

None.

(5) A List of 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 the Location of Such Facilities.

None.

(6) A List of Planned Transmission Lines on Which Proposed Route Reviews are Being Undertaken or for Which Certificate Applications Have Already Been Filed.

None.

(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 Section 16-50t.

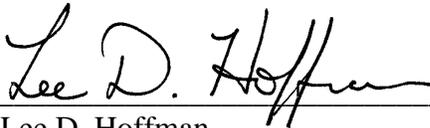
None.

(8) 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, a statement including the name, location, size and type

of generating facility, the fuel consumed by the facility and the by-product of the consumption.

Not applicable.

Respectfully submitted
KLEEN ENERGY SYSTEMS, LLC

By: 

Lee D. Hoffman
Pullman & Comley LLC
90 State House Square
Hartford, CT 06103
860-424-4315
lhoffman@pullcom.com
Its Attorney