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June 12, 2013

VIA U.S. MAIL AND ELECTRONIC MAIL

Melanie Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Docket No. F-2012/2013 – Connecticut Siting Council Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources

Dear Ms. Bachman:

Pursuant to the Connecticut Siting Council's letter of May 22, 2013, enclosed please find an original and fifteen copies of the responses of Kleen Energy Systems, LLC to the Siting Council's interrogatories. An Adobe Acrobat compatible .pdf file is being sent via electronic mail for the Council's use as well.

If you have any questions concerning this submittal, please contact the undersigned at your convenience. Thank you in advance for your assistance.

Sincerely,



Lee D. Hoffman
Attorney for Kleen Energy Systems, LLC

Enclosures

cc: Service List (via electronic mail)

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Docket F-2012/2013
Connecticut Siting Council Review of the Ten-Year Forecast
of Connecticut Electric Loads and Resources

Responses of Kleen Energy Systems, LLC to Pre-Hearing Interrogatories

Interrogatory No. 1 – Provide a 2013 forecast of electric loads and resources report per Connecticut General Statutes Section 16-50r.

A. Please see the May 28, 2013 Report of Forecast of Loads and Resources of Kleen Energy Systems, LLC, attached hereto.

Interrogatory No. 2 – Break down each annual megawatt-hours in the forecast report of question 1 by fuel type (i.e., natural gas or oil).

A. Kleen Energy Systems, LLC operated exclusively on natural gas for the time period in question.

Interrogatory No. 3 – How does Kleen Energy Systems, LLC (Kleen) compute seasonal claimed capability?

A. Kleen Energy Systems, LLC is fully compliant with the North American Electric Reliability Council's requirements outlined in standard NERC-FAC-008-1 Facility Ratings Methodology. In addition, the ISO-NE Manual for Installed Capacity (Manual M-20) provides guidelines for establishing capacity ratings for generating units in the section entitled "Supplement A: Capacity Determination for Standard Generating Units." Also included in Manual M-20 are requirements for testing seasonally the claimed capabilities for Summer and Winter capacity periods. These testing requirements are defined in "Attachment D: Claimed Capability Audits" of Manual M-20. Kleen Energy Systems, LLC has met all ISO-NE requirements relative to demonstrating seasonal claimed capability ratings since entering commercial operation in July of 2011.

Interrogatory No. 4 – Listed below are the data from the May 2013 ISO-NE Seasonal Claimed Capability Report. Does Kleen agree with these numbers? If no, provide the correct data.

Net Capability – MW	Summer	Winter
Kleen Energy	620.00	620.00

A. The ratings shown are correct.

Interrogatory No. 5 – Does Kleen have black start capability?

A. The Kleen Energy Systems, LLC facility is not black start capable.

Interrogatory No. 6 – What is the typical service life (in years) for the above facility?

A. The typical design basis for combined cycle power plants is thirty (30) years. The Kleen Energy Systems, LLC facility is being depreciated over thirty years. The expected actual life for such a power plant, however, is thirty to forty (30 to 40) years.

Interrogatory No. 7 – Does [Kleen Energy Systems, LLC] have a decommissioning plan for when the facility is retired or removed from service? If yes, provide the decommissioning plan. If no, explain.

A. Kleen Energy Systems, LLC does not currently have a decommissioning plan for the facility. If and when the current facility reaches the end of its useful life, Kleen Energy System, LLC will evaluate the options available to it including, but not limited to, sale of the facility, retrofitting equipment or site re-use.

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE: : DOCKET NO. F-2012/2013
: :
CONNECTICUT SITING COUNCIL REVIEW :
OF THE TEN YEAR FORECAST :
OF CONNECTICUT ELECTRIC LOADS :
AND RESOURCES : MAY 28, 2013

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) A 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 2013 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 2011. As a result, the net MWH generated by the project for 2008-2010 were zero. For the portion of 2011 for which Kleen Energy was operational in 2011, Kleen Energy generated 1,901,883 net MWH. In 2012 Kleen generated 4,084,413 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.

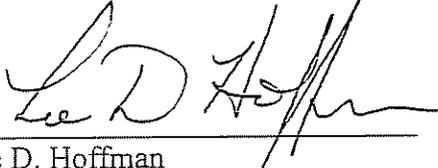
None.

(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
Its Attorney