Wheelabrator
LISBON

January 31, 2017

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Connecticut Siting Council

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

Re: **Wheelabrator Lisbon Inc. –Wheelabrator Lisbon Resource Recovery Facility Ten-Year Forecast of Connecticut Electric Loads and Resources for the CT Siting Council Review**

Dear Ms. Bachman:

Wheelabrator Lisbon Inc. hereby submits information to the Connecticut Siting Council as described in Connecticut General Statute 16-50r as defined in section 16-1. As described in past reports, we are a Waste to Energy facility that produces power supplied to the grid operated by the regulated utility companies. Thus we are not responsible for the transmission lines and load. Our responses are limited to the power we produce through our Operations here at the Facility.

1. A tabulation of estimated peak loads, resources and margins.
We are a 16 MW (nominal) electric generating facility located in Lisbon, Connecticut. The facility supplies power to the grid from one steam powered turbine from the combustion of Municipal Solid Waste (MSW). The alternate fuel is propane that is used for startup/shutdown and as needed to improve combustion during MSW Fuel deficiencies. Propane usage is limited to not exceed 10% in accordance to our air permit. The byproducts of the power generated include Ash that is shipped to the Putnam Ash Monfil, air emission that are regulated by CTDEEP under our Title V permit and ferrous metal that is recovered and sold to a recycler.

Wheelabrator Lisbon is currently in the twenty-first year of a twenty-five year Power Purchase Agreement with Eversource. We have two boilers rated at 72,000 lbs/hr @ 900 psig and 830°F. The power generated at the facility is synchronized to the grid and we are subject to 750 hours/year of curtailed power load restrictions.

P.O. Box 220 | Taftville, CT 06380 | tel 860.885.3512 | fax 860.889.7669 | www.wtienergy.com

2. **Data on use and peak loads for the preceding years.**

Wheelabrator sales of wholesale energy are as follows:

Year	Energy produced (MWHr)		
2007	**115,334**	**2012**	**110,452**
2008	**115,870**	**2013**	**109,974**
2009	**115,066**	**2014**	**109,387**
2010	**111,542**	**2015**	**107,328**
2011	**111,176**	**2016**	**111,433**

3. **A list of existing facilities in service.**

One 16 MW facility in at 425 South Burnham Hwy, Lisbon CT.

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 planned generating units at the plant locations for which property has been acquired.**

None

6. **A list of planned transmission lines on which proposed route reviews are being undertaken or for which certificates applications have already been filed.**

None

7. **A description of the steps taken to upgrade existing facilities.**

None, other than planned maintenance

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 byproduct of combustion.**

Not applicable

If you have any questions or require additional information, please do not hesitate to me at 860-885-3512 x212

Sincerely,

John Horgan

John Horgan
Plant Manager