



January 25, 2016

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

ORIGINAL

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

Dear Ms. Bachman:

Wheelabrator Bridgeport, L.P., 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.

1. A tabulation of estimated peak loads, resources and margins.

We are a 66.97 MW (nominal) electric generating facility located in Bridgeport, 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 natural gas that is used for startup/shutdown and as needed to improve combustion during MSW Fuel deficiencies. Natural gas 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 Monfill, air emission that are regulated by CTDEEP under our Title V permit and ferrous/ nonferrous metal that is recovered and sold to a recycler.

Prior to 2009 we sold power directly to Untied Illuminating and current sell directly to the grid. We have three boilers rated at 196,800 lbs/hr @ 900 psig and 830°F. The power generated at the facility is synchronized to the grad and we are not subject to load restrictions.

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

Wheelabrator sales of wholesale energy are as follows:

Year	Energy produced (MWHr)	2009	480,593
2002	482,939	2010	478,410
2003	478,020	2011	465,523
2004	479,729	2012	468,205

2005	465,723	2013	483,761
2006	485,006	2014	480,851
2007	496,120	2015	477,124
2008	490,378		

3. A list of existing facilities in service.

One 66.97 MW generator is located at 6 Howard Avenue, Bridgeport.

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 contact me at 203-337-2212 or our EHS Manager, Ed Gusciora at 203-337-2216.

Sincerely,


Glenn Lockhart
Plant Manager

cc: Ed Gusciora, WB
File: EnvOther.11.5100.2016.1.25 Siting Council Annual Rpt 2015.pdf