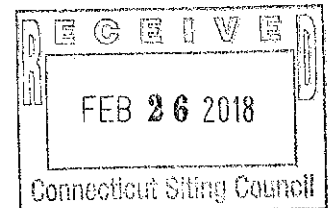


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February 23, 2018



VIA UPS OVERNIGHT

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

RE: Docket No. F-2017

Dear Ms. Bachman:

Attached you will find a report to the Connecticut Siting Council for the year 2017 on behalf of PSEG Power Connecticut LLC and PSEG New Haven LLC.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Adrian D. Newall

Adrian D. Newall

Attachment: 1

**Report to the Connecticut Siting Council
March 1, 2018**

Docket No. F-2017

**PSEG Power Connecticut LLC
PSEG New Haven LLC
80 Park Plaza, 25-B
Newark, NJ 07102**

PSEG Power Connecticut LLC and PSEG New Haven LLC are pleased to submit the following responses to fulfill the requirements of Connecticut Statute Sec. 16-50r. Each response is preceded by the requirement from the statute.

1. A tabulation of estimated peak loads, resources and margins for each year:

Since PSEG Power Connecticut LLC (Power) and PSEG New Haven LLC (PSEG New Haven) are Independent Power Producers (IPPs), they do not have a franchise territory in which they must estimate a peak load requirement. Therefore, they have not developed a load-forecast model to support such a forecasted peak load.

In regards to Power's and PSEG New Haven's resources, please see response number 3.

2. Data on energy use and peak loads for the five proceeding calendar years:

Power owns and operates Bridgeport Harbor Station Units 3 and 4 as well as New Haven Harbor Station. With respect to energy use and peak loads for the five proceeding calendar years, Power can report as follows:

From January 1, 2013 to December 31, 2013 Power generated 795,769 MWhs for wholesale sales.

From January 1, 2014 to December 31, 2014 Power generated 1,068,522 MWhs for wholesale sales.

From January 1, 2015 to December 31, 2015 Power generated 720,189 MWhs for wholesale sales.

From January 1, 2016 to December 31, 2016 Power generated 206,376 MWhs for wholesale sales.

From January 1, 2017 to December 31, 2017 Power generated 216,250 MWhs for wholesale sales.

PSEG New Haven owns and operates three peaking units rated at 43.2 megawatts (MW) net summer each, with a combined summer rating of 129.6MW and a combined winter rating of 145.6 MW. It commenced operations in June 2012. With respect to energy use and peak loads for the five proceeding calendar years, PSEG New Haven can report as follows:

From January 1, 2013 to December 31, 2013 PSEG New Haven generated 7,291 MWhs for wholesale sales.

From January 1, 2014 to December 31, 2014 PSEG New Haven generated 12,802.30 MWhs for wholesale sales.

From January 1, 2015 to December 31, 2015 PSEG New Haven Peakers generated 7,028 MWhs for wholesale sales.

From January 1, 2016 to December 31, 2016 PSEG New Haven generated 2,850 MWhs for wholesale sales.

From January 1, 2017 to December 31, 2017 PSEG New Haven generated 6,998 MWhs for wholesale sales.

3. A list of existing generating facilities in service:

Power is the owner of the following facilities:

	<u>SCC Winter/SCC Summer Rating¹</u>
Bridgeport Harbor Station #3	384.984/383.426 MW
Bridgeport Harbor Station #4 (Jet)	21.816/17.024 MW
New Haven Harbor Station:	
New Haven Harbor Station #1	436.61/447.894 MW
PSEG New Haven: #2	48.6/43.2 Mw
PSEG New Haven: #3	48.6/43.2 Mw
PSEG New Haven: #4	48.6/43.2 Mw

¹ Ratings are taken from the Seasonal Claimed Capability (SCC) Report for December 2017. See: <https://www.iso-ne.com/isoexpress/web/reports/operations/-/tree/seasonal-claimed-capability>

- 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:**

PSEG Power Connecticut LLC is in the process of constructing the Bridgeport Harbor Unit 5 facility. The unit cleared in the ISO-NE Forward Capacity Auction #10 in February 2016 and is expected to go into commercial operation on or before June 1, 2019. The facility is located on the site of Bridgeport Harbor Station and will be interconnected at the 345KV level at the Singer Substation.

- 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 the location of such facilities.**

N/A

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

Since Power and PSEG New Haven are IPPs, they do not have transmission lines for which route reviews are being taken nor for which certificate applications have already been filed.

- 7. A description of 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.**

N/A