

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 : JUNE 7, 2013

RESPONSES OF LAKE ROAD GENERATING COMPANY
TO CONNECTICUT SITING COUNCIL PRE-HEARING INTERROGATORIES

Question No. 1

Break down each annual megawatt-hours in Lake Road Generating Company, LP's (Lake Road) forecast report by fuel type (i.e. natural gas or oil).

Response

<u>Annual MWhs</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
Oil	8,152	5,713	0	0	0
Natural Gas	5,531,895	2,663,856	3,725,180	5,282,446	4,536,819

Question No. 3

How does Lake Road compute seasonal claimed capability?

Response

A combined cycle power plant's capability is based on the output of the gas turbine which varies with changes in ambient temperature. The ISO-New England NX-12 form was developed for each unit to estimate the electrical output across the entire ambient temperature range (0°F - 100°F). Claimed capability test audits are completed with ISO-New England in the winter and summer periods to demonstrate the claimed capability.

Question No. 4

Listed below are the data from the May 2013 ISO-New England Seasonal Claimed Capability Report. Does Lake Road agree with these numbers? If no, provide the correct data.

Net Capability – MW	Summer	Winter
Lake Road 1	245.79	281.42
Lake Road 2	251.21	286.84
Lake Road 3	248.01	276.78

Response

Lake Road agrees with the winter and summer ratings for Lake Road Unit 1 and Lake Road Unit 2 contained in the table above which match the ISO-NE Seasonal Claimed Capability Report for Lake Road Unit 1 and Lake Road Unit 2. For Lake Road Unit 3, a claimed capability audit establish test was completed in April of 2013, after the completion of a planned maintenance outage. Based on that audit, the summer and winter ratings for Unit 3 should be 260.306 MW and 289.076 MW respectively rather than the values contained in the table above for Lake Road Unit 3.

Question No. 5

Does Lake Road have black start capability?

Response

Lake Road does not have black start capability.

Question No. 6

Does ISO-NE currently consider any of the Lake Road units as Connecticut capacity?

Response

ISO-New England does not currently consider any of the Lake Road units as Connecticut

capacity. This will change as of June 1, 2017 after the completion of the planned transmission upgrade projects (i.e. the Lake Road to Card Street 345 kV line) by Northeast Utilities.

Question No. 7

What is the typical service life (in years) for each of the above facilities? At what point in the service life is each facility currently?

Response

The typical service life for a facility like Lake Road is approximately 30-40 years, which can be extended based on maintenance and equipment upgrades. The facility is approximately 11 years into its original service life.

Question No. 8

Does Lake Road have a decommissioning plan for the facilities when such facilities are retired or removed from service? If yes, provide the decommissioning plan. If no, explain.

Response

Lake Road does not have a decommissioning plan for the facility when the facility is retired or removed from service. Lake Road will not begin to develop a decommissioning plan until the facility is closer to reaching the end of its anticipated service life.

CERTIFICATE OF SERVICE

I hereby certify that on the 7th day of June, 2013, a copy of the foregoing was sent via

U.S. Mail or electronic mail to:

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