

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

IN RE: REVIEW INTO THE ADEQUACY OF :
RENEWABLE ENERGY SUPPLIES PURSUANT : DOCKET NO. 4404
TO R.I.G.L. § 39-26-6 :

RECORD REQUESTS TO ISO-NE
RESULTING FROM TECHNICAL RECORD SESSION
HELD ON AUGUST 27, 2013
(Issued August 28, 2013)

1. With regard to the graphs on slides 14 and 15 of ISO-NE's August 27, 2013 presentation to the Commission, please provide the percentage of renewables needed to meet the renewable energy goals of the New England states as compared to the total GWH necessary to serve total New England load.
 - a. See slides 2-5 of slide deck.
2. Please provide a historical attrition of queue projects similar to slide 19 in ISO-NE's July 28, 2009 presentation to the Commission in Docket No. 4050.
 - a. See slide 6 of slide deck.
3. Please provide a graph to show the uncertainty of energy from queue renewable projects versus projected New England RPS energy for New Resources beyond 2012 assuming a completion rate of 10%, 40% and 60%.
 - a. See slide 7 of slide deck.
4. Please provide information to access the ISO New England Generator Interconnection Study Queue.
 - a. The ISO's Generator Interconnection Queue reflects the region's interest in building new generation capacity. The "Queue" details the statuses of and information about requests for the interconnection of proposed generators and proposed Elective Transmission Upgrades to the Administered Transmission System. The Queue is available on the ISO's website at: www.iso-ne.com/genrtion_resrcs/nwgen_inter/status/index.html.
5. Please provide examples of the types of data and studies necessary to facilitate generator interconnection to the New England transmission system?
 - a. Schedule 22 of the ISO's tariff details the procedures for the interconnection of large generators (greater than 20 MW). Schedule 22 is available on the ISO's website at: www.iso-ne.com/regulatory/tariff/sect_2/sch22/sch_22_lgip.pdf.

The types of data necessary to facilitate generator interconnection can vary from case-to-case but the initial data can be found in the interconnection request: www.iso-ne.com/genrtion_resrcs/nwgen_inter/lg_gen/index.html.

However, the steps generally include:

- Participant submits interconnection request to the ISO
- ISO-NE reviews interconnection request to validate and assigns the project a queue position based upon the date and time of the interconnection request
- A scoping meeting is scheduled to discuss project details.
- Interconnection feasibility study to preliminarily evaluate the feasibility of the proposed interconnection to the Administered Transmission System with available data and information. The customer can opt to do the feasibility study as the first step of the system impact study to expedite the process.
- Interconnection system impact study to evaluate the impact of the proposed interconnection on the reliability and operation of the New England Transmission System.
- Interconnection facility study to refine the design and costs to implement the conclusions in the system impact study. The customer may waive this study if they wish to expedite their Interconnection Agreement.
- Development of Interconnection Agreement between the customer, transmission owner and the ISO.

Please reference Schedule 22 for more details.

- b. Schedule 23 of the ISO's tariff details the procedures for the interconnection of small generators (20 MW or less). Schedule 23 is available on the ISO's website at: www.iso-ne.com/regulatory/tariff/sect_2/sch23/sch_23_sgip.pdf.

The types of data necessary to facilitate generator interconnection can vary from case-to-case case but the initial data can be found in the interconnection request: www.iso-ne.com/genrtion_resrcs/nwgen_inter/smgen_20/index.html. However, the steps are similar to the large generator interconnection process.