

Distributed Generation Interconnection

National Grid Reporting Requirements – Affected System Operator Studies

Paragraph 7 Potential Need for an ASO Study Update

February 14, 2020

Narragansett Electric Company (NECo) previously notified you in accordance with Paragraph 5 of the Distributed Generation Interconnection National Grid Reporting Requirements – Affected System Operator Studies (DG ASO Study Reporting Requirements) that your proposed DG project and interconnection service application was part of 15 Interconnection Service Applications totaling approximately 89.0MW in Western Rhode Island that were identified as potentially needing a RI DG Area ASO Level 3 Comprehensive Transmission System Impact Study (Area ASO Study). As of February 14, 2020, there have been 6 additional applications identified that will be grouped with the 15. Together, the 21 applications involving approximately 129.8MW will, at this time, require an Area ASO Study.

Following initial notification of Paragraph 5, published December 31, 2019, National Grid is providing the next monthly update to the RI PUC and all affected DG applicants in accordance the DG ASO Study Reporting Requirements.

Below is the current list of projects that will require further study after completion of the RI DG Area ASO Study – Phase I presently in progress.

Power Supply	Substation	# of Apps	AC Rating (kW)	Total kW
Western NECo	Chase Hill	2	9450	129,775
Western NECo	Drumrock	1	4975	
Western NECo	Farnum Pike	1	8000	
Western NECo	Hopkins Hill	1	3750	
Western NECo	Kent County	9	58375	
Western NECo	Kenyon	4	19600	
Western NECo	Westerly	1	5625	
Western NECo	Wood River	2	20000	

- a) **Whether and what additional information is needed to determine if an ASO Study is necessary:** No additional information is needed, at this time, to determine if an ASO Study is necessary.

- b) **Expected date when National Grid will know whether an ASO study is necessary:** NECo, working with the transmission provider in the area New England Power (NEP) and ISO-NE, determined in December 2019 that a new DG Area ASO Study – Phase II is required for these projects.

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- c) **Potential Impact on interconnection and costs.** The DG Area ASO Study – Phase II is estimated, at this time, to take 6-9 months and will not commence until after the completion of the ongoing DG Area ASO Study – Phase I on April 17, 2020. The cost of this newly identified DG Area ASO Study – Phase II will be allocated amongst all applicants on a per MW basis and is estimated, at this time, to be in the range of \$2,000 to \$5,000/MW.

- d) **Any proposed resolutions that National Grid is exploring to enable some affected DG applications to proceed with the interconnection process prior to completion of the ASO study:** No additional resolutions, at this time, are being explored or are available.

- e) **National Grid’s plan to address the situation and minimize delays to interconnection timelines of potentially affected DG applications:** NECo along with NEP, in coordination with ISO-NE, will work to complete the required DG Area ASO Study – Phase II as efficiently as possible once the ongoing RI DG Area ASO Study – Phase I is completed.