

## Distributed Generation Interconnection

### National Grid Reporting Requirements – Affected System Operator Studies

#### **Paragraph 7 Potential Need for an ASO Study Update**

March 13, 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 21 Interconnection Service Applications totaling approximately 129.7MW 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 March 13, 2020, there have been 9 additional applications identified that will be grouped with the 21. Together, the 30 applications involving approximately 186.4MW will, at this time, require an Area ASO Study.

Following NECo's initial notification of the potential need for an ASO Study 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	5	26075	186,460
Western NECo	Drumrock	1	4975	
Western NECo	Farnum Pike	1	8000	
Western NECo	Hopkins Hill	1	3750	
Western NECo	Kent County	10	62375	
Western NECo	Kenyon	4	19600	
Western NECo	Lafayette	3	30000	
Western NECo	Putnam Pike	1	3000	
Western NECo	Tower Hill	1	3060	
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.

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- 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 was required for the 21 applications referenced above. NEP and ISO-NE have agreed that the additional 9 applications for interconnection to the Western NECo distribution system are appropriate to be added to the Phase II study.
- 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.