

## **Section 5 Notification of Potential Need for an ASO Study**

**December 13, 2019**

### **Distributed Generation Interconnection**

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

The Narragansett Electric Company (NECo) has become aware that there is the potential need for an ASO study that will implicate three or more DG applications or more than 15 MWs of DG capacity and is hereby notifying the Public Utilities Commissions (PUC) in accordance with Section 5 of the Affected system Operator Studies Reporting Requirements. Specifically, NECo has become aware that there is a potential need for ASO study(s) in Western Rhode Island.

- a) **An explanation of why National Grid believes there is a potential need for an ASO study:** NECo, working with NEP and ISO-NE has determined that 4 projects, totaling approximately 19.6 MW, in NECo's service territory in Western Rhode Island will require further analysis. The list of affected projects is shown in section (d) below. NECo's transmission provider in the area, New England Power Company (NEP), has worked with ISO-NE to determine that a Level 3, Comprehensive Transmission System Impact Study will be required for each of these projects which are looking to interconnect at a single transmission injection point.
- b) **Whether and what additional information is needed to determine if an ASO study is necessary:** No additional information is needed at this time.
- c) **Expected date when NECo will know whether an ASO study is necessary:** National Grid has found it necessary that a Level 3 Comprehensive Transmission System Impact Study is required for these projects.
- d) **Areas/substations potentially impacted:** The areas and the substations that are impacted in Western Rhode Island's region of NECo's service territory:

Power Supply	Substation	# of Apps	AC Rating (kW)
Western NECo	Kenyon	4	19600

- e) **Number of DG applications potentially affected and total associated MWs:** There are 4 DG Interconnection Service Applications that are affected for a total of approximately 19.6 MW.
- f) **Potential Impacts on Interconnection timeline and costs:** A Level 3 Comprehensive Transmission System Impact Study is expected to take 6-9 months following the completion of the current RI DG Area Transmission Study. Costs associated with this study have yet to be determined. The customer will be notified immediately when that information is determined.