Rhode Island Energy Reporting Requirements - Affected System Operator Studies

Paragraph 4 Monthly Report

October 15, 2022

The Narragansett Electric Company (NECo) is experiencing Distributed Generation (DG) saturation in certain regions and at certain substations that indicate the potential need for an Affected System Operator (ASO) study that would affect three or more DG applications or more than 15 MW of DG capacity in the following 6 months. Below is a list of the specific regions and substations where NECo is experiencing DG saturation. This Paragraph 4 Monthly Report (Paragraph 4 Report) provides an update since NECO's previous Paragraph 4 Report on the potential need for an ASO study in such regions and substations, as well as the actions NECo is taking to prevent, mitigate, and prepare for such an occurrence while working with its transmission provider, New England Power (NEP). The information in this Paragraph 4 Report is in addition to the other information and reporting NECo is providing under the Reporting Requirements with respect to potential and ongoing ASO studies.

Paragraph 4 Attachment

Paragraph 4 Attachment lists the substations with on-going ASO Studies currently being reported under the Reporting Requirements as well as substations for which any future applications over 1MW that propose to be connected to one of these substations will require an ASO study due to DG saturation over 5MW at an individual substation and/or over multiple substations fed from a common transmission injection point.

Potential ASO Studies for Pending Applications

The below table lists the substations that have the potential need for an ASO study that would affect three or more DG applications or more than 15 MW of DG capacity in the following 6 months. Please note that these stations are not part of any of the ongoing ASO Studies. NECo identified the potential need because at least one of the Generator Notification Forms (GNFs) for each of these substations that was presented to ISO-NE was returned for further analysis.

Rhode Island Energy Reporting Requirements - Affected System Operator Studies

BRISTOL SUBSTATION CHASE HILL SUBSTATION COASTAL DAVISVILLE SUBSTATION COASTAL DEXTER SUBSTATION COASTAL DIVISION ST SUBSTATION COASTAL DOALS STATION COASTAL DRIVENCE SUBSTATION COASTAL DISTAMW HOPKINS HILL SUBSTATION COASTAL JEPSON SUBSTATION COASTAL SISMW KENT COUNTY SUBSTATION COASTAL SISMW KENYON SUBSTATION COASTAL SISMW KILVERT ST. SUBSTATION COASTAL LAFAYETTE SUBSTATION COASTAL LAFAYETTE SUBSTATION COASTAL SISMW NASONVILLE SUBSTATION COASTAL SISMW NEW LONDON AVE SUBSTATION COASTAL SISMW NEW LONDON AVE SUBSTATION COASTAL SISMW PAWTUCKET SUBSTATION COASTAL SISMW PAWTUCKET SUBSTATION CAPITAL BETWEEN 5MW and 15MW POINT STREET SUBSTATION CAPITAL BETWEEN 5MW AND 15MW PUTNAM PIKE SUBSTATION CAPITAL BETWEEN 5MW AND 15MW RIVERSIDE SUBSTATION CAPITAL BETWEEN 5MW AND 15MW TIVERTON SUBSTATION COASTAL SISMW AND AND 15MW WALLEY SUBSTATION COASTAL BETWEEN 5MW AND 15MW WALLEY SUBSTATION COASTAL BETWEEN 5MW AND 15MW WAMPANOAG SUBSTATION COASTAL BETWEEN 5MW AND 15MW WAMPANOAG SUBSTATION COASTAL BETWEEN 5MW AND 15MW WASHINGTON SUBSTATION COASTAL BETWEEN 5MW AND 15MW WEST CRANSTON SUBSTATION COASTAL BETWEEN 5MW AND 15MW WEST CRANSTON SUBSTATION COASTAL BETWEEN 5MW AND 15MW WEST CRANSTON SUBSTATION COASTAL SISMW WEST CRANSTON SUBSTATION COASTAL SISMW WOOD RIVER SUBSTATION COASTAL SISMW WOOD RIVER SUBSTATION COASTAL SISMW WOOD RIVER SUBSTATION COASTAL SISMW WOONSOCKET SUBSTATION COASTAL SISMW	Substation Name	Region	DG Penetration Level
DAVISVILLE SUBSTATION Capital >15MW DEXTER SUBSTATION Capital >15MW DIVISION ST SUBSTATION Capital Setween 5MW and 15MW HOPKINS HILL SUBSTATION Coastal >15MW HOPKINS HILL SUBSTATION Coastal >15MW HOPKINS HILL SUBSTATION Coastal >15MW JEPSON SUBSTATION Coastal >15MW JOHNSTON SUBSTATION Coastal >15MW JOHNSTON SUBSTATION Coastal >15MW KENT COUNTY SUBSTATION Coastal >15MW KENT COUNTY SUBSTATION Coastal >15MW KILVERT ST. SUBSTATION Coastal Between 5MW and 15MW LAFAYETTE SUBSTATION Coastal >15MW NASONVILLE SUBSTATION Capital >15MW NEW LONDON AVE SUBSTATION Coastal >15MW OLD BAPTIST ROAD SUBSTATION Capital Between 5MW and 15MW PAWTUCKET SUBSTATION Capital Between 5MW and 15MW POINT STREET SUBSTATION Capital Between 5MW and 15MW POINT STREET SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW TIVERTON SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW TIVERTON SUBSTATION Coastal >15MW TOWER HILL SUBSTATION Coastal Setween 5MW and 15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Setween 5MW and 15MW WEST CRANSTON SUBSTATION Coastal Setween 5MW and 15MW WEST GREENVILLE SUBSTATION Coastal Setween 5MW and 15MW WEST GREENVILLE SUBSTATION Coastal Setween 5MW and 15MW WEST CRANSTON SUBSTATION Coastal Setween 5MW and 15MW WEST GREENVILLE SUBSTATION Coastal Setween 5MW AND 15MW WOOD RIVER SUBSTATION COASTAL SETWENCE SOME SUBSTATION COASTAL SETWENCE SOME SUBSTATION COASTAL SETWENCE SOME SUBSTATION COAS	BRISTOL SUBSTATION	Coastal	Between 5MW and 15MW
DEXTER SUBSTATION Capital >15MW DIVISION ST SUBSTATION Castal <5MW DRUMROCK SUBSTATION Capital Between SMW and 15MW HOPKINS HILL SUBSTATION Coastal >15MW JEPSON SUBSTATION Coastal >15MW JOHNSTON SUBSTATION Capital >15MW KENT COUNTY SUBSTATION Coastal >15MW KENT COUNTY SUBSTATION Coastal >15MW KILVERT ST. SUBSTATION Coastal Between 5MW and 15MW KILVERT ST. SUBSTATION Capital >15MW KILVERT ST. SUBSTATION Capital >15MW NASONVILLE SUBSTATION Capital >15MW NEW LONDON AVE SUBSTATION Coastal >15MW OLD BAPTIST ROAD SUBSTATION Capital Between 5MW and 15MW PAWTUCKET SUBSTATION Capital Between 5MW and 15MW PAWTUCKET SUBSTATION Capital Between 5MW and 15MW POINT STREET SUBSTATION Capital Between 5MW and 15MW RIVERSIDE SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW TIVERTON SUBSTATION Capital Between 5MW and 15MW CAPITAL SUBSTATION CAPITAL S	CHASE HILL SUBSTATION	Capital	>15MW
DIVISION ST SUBSTATION CROSTAL DRUMROCK SUBSTATION CAPITAL Between 5MW and 15MW HOPKINS HILL SUBSTATION COASTAL JEPSON SUBSTATION COASTAL JEPSON SUBSTATION COASTAL JOHNSTON SUBSTATION COASTAL JOHNW KENT COUNTY SUBSTATION COASTAL JOHNW LAFAYETTE SUBSTATION COASTAL JOHNW POINT STREET SUBSTATION COASTAL JOHNW LORD AND SUBSTATION LORD	DAVISVILLE SUBSTATION	Coastal	>15MW
DRUMROCK SUBSTATION Capital HOPKINS HILL SUBSTATION Coastal JEPSON SUBSTATION Coastal JOHNSTON SUBSTATION COASTAL KENT COUNTY SUBSTATION COASTAL KENT COUNTY SUBSTATION COASTAL KILVERT ST. SUBSTATION COASTAL KILVERT ST. SUBSTATION COASTAL LAFAYETTE SUBSTATION COASTAL NASONVILLE SUBSTATION COASTAL NASONVILLE SUBSTATION COASTAL CAPITAL NASONVILLE SUBSTATION COASTAL LAFAYETTE SUBSTATION CAPITAL BETWEEN 5MW and 15MW POINT STREET SUBSTATION CAPITAL BETWEEN 5MW and 15MW CAPITAL RIVERSIDE SUBSTATION CAPITAL BETWEEN 5MW and 15MW CAPITAL SUBSTATION COASTAL LAFAYET COASTAL LAFAYET	DEXTER SUBSTATION	Capital	>15MW
HOPKINS HILL SUBSTATION JEPSON SUBSTATION JOHNSTON SUBSTATION COASTAI JOHNSTON SUBSTATION KENT COUNTY SUBSTATION KENYON SUBSTATION KENYON SUBSTATION KILVERT ST. SUBSTATION COASTAI AFAYETTE SUBSTATION COASTAI NASONVILLE SUBSTATION COASTAI NEW LONDON AVE SUBSTATION COASTAI COASTAI NEW LONDON AVE SUBSTATION COASTAI COASTAI S15MW COASTAI BETWEEN 5MW AND 15MW POINT STREET SUBSTATION COASTAI S15MW COASTAI COASTAI COASTAI S15MW COASTAI COASTAI COASTAI COASTAI S15MW	DIVISION ST SUBSTATION	Coastal	<5MW
JEPSON SUBSTATION Capital >15MW JOHNSTON SUBSTATION Capital >15MW KENT COUNTY SUBSTATION Coastal >15MW KENYON SUBSTATION Coastal >15MW KILVERT ST. SUBSTATION Coastal Between 5MW and 15MW LAFAYETTE SUBSTATION Coastal >15MW NASONVILLE SUBSTATION Capital >15MW NEW LONDON AVE SUBSTATION Coastal >15MW OLD BAPTIST ROAD SUBSTATION Capital Between 5MW and 15MW PAWTUCKET SUBSTATION Capital Between 5MW and 15MW POINT STREET SUBSTATION Capital Between 5MW and 15MW PUTNAM PIKE SUBSTATION Capital Between 5MW and 15MW PUTNAM PIKE SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW TIVERTON SUBSTATION Capital Between 5MW and 15MW TOWER HILL SUBSTATION Coastal >15MW VALLEY SUBSTATION Coastal >15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Capital Between 5MW and 15MW WAMPANOAG SUBSTATION Capital Between 5MW and 15MW WARREN SUBSTATION Capital Between 5MW and 15MW WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Capital Setween 5MW and 15MW WEST CRANSTON SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Capital >15MW WESTERLY SUBSTATION Capital >15MW WICKFORD JUNCTION SUBSTATION Capital >15MW	DRUMROCK SUBSTATION	Capital	Between 5MW and 15MW
JOHNSTON SUBSTATION KENT COUNTY SUBSTATION KENYON SUBSTATION KENYON SUBSTATION KENYON SUBSTATION KILVERT ST. SUBSTATION Coastal LAFAYETTE SUBSTATION Coastal NASONVILLE SUBSTATION Coastal NEW LONDON AVE SUBSTATION Coastal PAWTUCKET SUBSTATION Coastal PAWTUCKET SUBSTATION Coastal POINT STREET SUBSTATION Coastal POINT STAPLES SUBSTATION Coastal STAPLES SUBSTATION Coastal STAPLES SUBSTATION Coastal TIVERTON SUBSTATION Coastal POWER HILL SUBSTATION Coastal POWER HILL SUBSTATION Coastal POWER HILL SUBSTATION Coastal Between 5MW and 15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Coastal Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WASHINGTON SUBSTATION Coastal SOMW WEST CRANSTON SUBSTATION Coastal SOMW WEST GREENVILLE SUBSTATION Coastal SOMW WICKFORD JUNCTION SUBSTATION Coastal SOMW WICKFORD JUNCTION SUBSTATION Coastal SOMW WOOD RIVER SUBSTATION Coastal SOMW	HOPKINS HILL SUBSTATION	Coastal	>15MW
KENT COUNTY SUBSTATION KENYON SUBSTATION KENYON SUBSTATION KILVERT ST. SUBSTATION Coastal LAFAYETTE SUBSTATION Coastal NASONVILLE SUBSTATION Coastal NEW LONDON AVE SUBSTATION Coastal NEW LONDON AVE SUBSTATION Coastal PAWTUCKET SUBSTATION Capital Between 5MW and 15MW Capital Between 5MW and 15MW Capital NEW SUBSTATION Capital RIVERSIDE SUBSTATION Capital Between 5MW and 15MW Capital Between 5MW and 15MW Capital Between 5MW and 15MW Coastal NEW SUBSTATION Capital Capital Between 5MW and 15MW Coastal NEW SUBSTATION Coastal NEW SUBSTATION Coastal SISMW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WAREN SUBSTATION Coastal Between 5MW and 15MW WASHINGTON SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WASHINGTON SUBSTATION Capital NEW SET CRANSTON SUBSTATION Capital NEW SET CRANSTON SUBSTATION Capital NEW SET GREENVILLE SUBSTATION Coastal NEW SET GREENVILLE SUBSTATION Coastal NEW SET CRANSTON S	JEPSON SUBSTATION	Coastal	>15MW
KENYON SUBSTATION KILVERT ST. SUBSTATION Coastal Between 5MW and 15MW LAFAYETTE SUBSTATION Coastal >15MW NASONVILLE SUBSTATION Capital >15MW NEW LONDON AVE SUBSTATION Coastal >15MW OLD BAPTIST ROAD SUBSTATION Capital Between 5MW and 15MW PAWTUCKET SUBSTATION Capital Between 5MW and 15MW POINT STREET SUBSTATION Capital Between 5MW and 15MW PUTNAM PIKE SUBSTATION Capital Between 5MW and 15MW RIVERSIDE SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW TIVERTON SUBSTATION Capital Between 5MW and 15MW TIVERTON SUBSTATION Coastal >15MW TOWER HILL SUBSTATION Coastal >15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Coastal Between 5MW and 15MW WASHINGTON SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Capital Setween 5MW and 15MW WASHINGTON SUBSTATION Capital Setween 5MW and 15MW WEST CRANSTON SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Coastal <5MW WICKFORD JUNCTION SUBSTATION Coastal >15MW WOOD RIVER SUBSTATION Coastal >15MW	JOHNSTON SUBSTATION	Capital	>15MW
KILVERT ST. SUBSTATION LAFAYETTE SUBSTATION LAFAYETTE SUBSTATION NASONVILLE SUBSTATION NEW LONDON AVE SUBSTATION OLD BAPTIST ROAD SUBSTATION PAWTUCKET SUBSTATION POINT STREET SUBSTATION Capital RIVERSIDE SUBSTATION Capital Between 5MW and 15MW PUTNAM PIKE SUBSTATION Capital Between 5MW and 15MW PUTNAM PIKE SUBSTATION Capital Between 5MW and 15MW TOWER HILL SUBSTATION Coastal Coastal Coastal S15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Coastal Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Setween 5MW and 15MW WASHINGTON SUBSTATION Coastal S15MW WEST CRANSTON SUBSTATION Coastal S15MW WESTERLY SUBSTATION Coastal S15MW WOOD RIVER SUBSTATION Coastal S15MW	KENT COUNTY SUBSTATION	Coastal	>15MW
LAFAYETTE SUBSTATION NASONVILLE SUBSTATION NEW LONDON AVE SUBSTATION OLD BAPTIST ROAD SUBSTATION PAWTUCKET SUBSTATION Capital POINT STREET SUBSTATION RIVERSIDE SUBSTATION Capital STAPLES SUBSTATION Capital STAPLES SUBSTATION Coastal TOWER HILL SUBSTATION VALLEY SUBSTATION Capital Between 5MW and 15MW Coastal STAPLES SUBSTATION Coastal TOWER HILL SUBSTATION Coastal Coastal Between 5MW and 15MW Coastal Coastal Between 5MW and 15MW Coastal Coastal Between 5MW and 15MW Coastal Coastal Coastal Setween 5MW and 15MW Coastal	KENYON SUBSTATION	Coastal	>15MW
NASONVILLE SUBSTATION NEW LONDON AVE SUBSTATION OLD BAPTIST ROAD SUBSTATION PAWTUCKET SUBSTATION Capital POINT STREET SUBSTATION RIVERSIDE SUBSTATION Capital STAPLES SUBSTATION Capital Between 5MW and 15MW Coastal Coastal Coastal Coastal Coastal Coastal POWER HILL SUBSTATION Coastal Between 5MW and 15MW Capital Coastal Between 5MW and 15MW Capital Coastal	KILVERT ST. SUBSTATION	Coastal	Between 5MW and 15MW
NEW LONDON AVE SUBSTATION OLD BAPTIST ROAD SUBSTATION PAWTUCKET SUBSTATION PAWTUCKET SUBSTATION Capital POINT STREET SUBSTATION RIVERSIDE SUBSTATION Capital Setween 5MW and 15MW PUTNAM PIKE SUBSTATION Capital Between 5MW and 15MW PUTNAM PIKE SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Coastal TOWER HILL SUBSTATION Coastal Coastal P15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WEST CRANSTON SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Coastal >15MW WICKFORD JUNCTION SUBSTATION Coastal >15MW	LAFAYETTE SUBSTATION	Coastal	>15MW
OLD BAPTIST ROAD SUBSTATION PAWTUCKET SUBSTATION Capital Between 5MW and 15MW POINT STREET SUBSTATION Capital Between 5MW and 15MW PUTNAM PIKE SUBSTATION Capital RIVERSIDE SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW TIVERTON SUBSTATION Coastal 715MW TOWER HILL SUBSTATION Coastal Petween 5MW and 15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Capital Between 5MW and 15MW WEST CRANSTON SUBSTATION Capital 715MW WEST GREENVILLE SUBSTATION Capital 715MW WEST GREENVILLE SUBSTATION Coastal 715MW WEST GREENVILLE SUBSTATION Coastal 715MW WEST GREENVILLE SUBSTATION Coastal 715MW WICKFORD JUNCTION SUBSTATION Coastal 715MW WOOD RIVER SUBSTATION Coastal 715MW	NASONVILLE SUBSTATION	Capital	>15MW
PAWTUCKET SUBSTATION POINT STREET SUBSTATION Capital Between 5MW and 15MW PUTNAM PIKE SUBSTATION RIVERSIDE SUBSTATION Capital Between 5MW and 15MW RIVERSIDE SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW TIVERTON SUBSTATION Coastal TOWER HILL SUBSTATION Coastal Coastal S15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WEST CRANSTON SUBSTATION Capital S15MW WEST GREENVILLE SUBSTATION Capital S15MW WESTERLY SUBSTATION Coastal S15MW WICKFORD JUNCTION SUBSTATION Coastal S15MW WOOD RIVER SUBSTATION Coastal S15MW	NEW LONDON AVE SUBSTATION	Coastal	>15MW
POINT STREET SUBSTATION PUTNAM PIKE SUBSTATION RIVERSIDE SUBSTATION Capital STAPLES SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW TIVERTON SUBSTATION Coastal TOWER HILL SUBSTATION Coastal VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WEST CRANSTON SUBSTATION Capital VISMW WEST GREENVILLE SUBSTATION Capital S15MW WESTERLY SUBSTATION Coastal S15MW WICKFORD JUNCTION SUBSTATION Coastal S15MW WOOD RIVER SUBSTATION Coastal S15MW	OLD BAPTIST ROAD SUBSTATION	Coastal	>15MW
PUTNAM PIKE SUBSTATION RIVERSIDE SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Capital Between 5MW and 15MW TIVERTON SUBSTATION Coastal TOWER HILL SUBSTATION Coastal VALLEY SUBSTATION Coastal Between 5MW and 15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WEST CRANSTON SUBSTATION Capital V15MW WEST GREENVILLE SUBSTATION Capital V15MW WESTERLY SUBSTATION Coastal V15MW WESTERLY SUBSTATION Coastal V15MW WESTERLY SUBSTATION Coastal V15MW WICKFORD JUNCTION SUBSTATION Coastal V15MW Coastal V15MW VOOD RIVER SUBSTATION Coastal V15MW	PAWTUCKET SUBSTATION	Capital	Between 5MW and 15MW
RIVERSIDE SUBSTATION Capital Between 5MW and 15MW STAPLES SUBSTATION Coastal S15MW TIVERTON SUBSTATION Coastal S15MW TOWER HILL SUBSTATION Coastal Between 5MW and 15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WEST CRANSTON SUBSTATION Capital S15MW WEST GREENVILLE SUBSTATION Capital S15MW WESTERLY SUBSTATION Coastal S5MW WICKFORD JUNCTION SUBSTATION Coastal S15MW WOOD RIVER SUBSTATION Coastal S15MW	POINT STREET SUBSTATION	Capital	Between 5MW and 15MW
STAPLES SUBSTATION Capital Between 5MW and 15MW TIVERTON SUBSTATION Coastal >15MW TOWER HILL SUBSTATION Coastal >15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WEST CRANSTON SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Coastal <5MW WICKFORD JUNCTION SUBSTATION Coastal >15MW WOOD RIVER SUBSTATION Coastal >15MW	PUTNAM PIKE SUBSTATION	Capital	>15MW
TIVERTON SUBSTATION Coastal >15MW TOWER HILL SUBSTATION Coastal >15MW VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WEST CRANSTON SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Capital >15MW WESTERLY SUBSTATION Coastal <5MW WICKFORD JUNCTION SUBSTATION Coastal >15MW WOOD RIVER SUBSTATION Coastal >15MW	RIVERSIDE SUBSTATION	Capital	Between 5MW and 15MW
TOWER HILL SUBSTATION VALLEY SUBSTATION Coastal Between 5MW and 15MW WAMPANOAG SUBSTATION Coastal Between 5MW and 15MW WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WEST CRANSTON SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Capital >15MW WESTERLY SUBSTATION Coastal SMW WICKFORD JUNCTION SUBSTATION Coastal >15MW WOOD RIVER SUBSTATION Coastal >15MW	STAPLES SUBSTATION	Capital	Between 5MW and 15MW
VALLEY SUBSTATIONCoastalBetween 5MW and 15MWWAMPANOAG SUBSTATIONCoastalBetween 5MW and 15MWWARREN SUBSTATIONCapitalBetween 5MW and 15MWWASHINGTON SUBSTATIONCoastalBetween 5MW and 15MWWEST CRANSTON SUBSTATIONCapital>15MWWEST GREENVILLE SUBSTATIONCapital>15MWWESTERLY SUBSTATIONCoastal<5MW	TIVERTON SUBSTATION	Coastal	>15MW
WAMPANOAG SUBSTATION WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WEST CRANSTON SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Capital >15MW WESTERLY SUBSTATION Coastal >5MW WICKFORD JUNCTION SUBSTATION Coastal >15MW WOOD RIVER SUBSTATION Coastal >15MW	TOWER HILL SUBSTATION	Coastal	>15MW
WARREN SUBSTATION Capital Between 5MW and 15MW WASHINGTON SUBSTATION Coastal WEST CRANSTON SUBSTATION Capital WEST GREENVILLE SUBSTATION Capital VESTERLY SUBSTATION Coastal VICKFORD JUNCTION SUBSTATION Coastal VOOD RIVER SUBSTATION Coastal VISHW VOOD RIVER SUBSTATION Coastal VISHW	VALLEY SUBSTATION	Coastal	Between 5MW and 15MW
WASHINGTON SUBSTATION Coastal Between 5MW and 15MW WEST CRANSTON SUBSTATION Capital >15MW WEST GREENVILLE SUBSTATION Coastal <5MW WICKFORD JUNCTION SUBSTATION Coastal >15MW WOOD RIVER SUBSTATION Coastal >15MW	WAMPANOAG SUBSTATION	Coastal	Between 5MW and 15MW
WEST CRANSTON SUBSTATION WEST GREENVILLE SUBSTATION WESTERLY SUBSTATION Coastal VICKFORD JUNCTION SUBSTATION WOOD RIVER SUBSTATION Coastal Coastal Coastal Coastal Coastal Coastal Coastal Coastal Coastal	WARREN SUBSTATION	Capital	Between 5MW and 15MW
WEST GREENVILLE SUBSTATION Capital >15MW WESTERLY SUBSTATION Coastal <5MW WICKFORD JUNCTION SUBSTATION Coastal >15MW WOOD RIVER SUBSTATION Coastal >15MW	WASHINGTON SUBSTATION	Coastal	Between 5MW and 15MW
WESTERLY SUBSTATION Coastal <5MW WICKFORD JUNCTION SUBSTATION Coastal >15MW WOOD RIVER SUBSTATION Coastal >15MW	WEST CRANSTON SUBSTATION	Capital	>15MW
WICKFORD JUNCTION SUBSTATION Coastal >15MW WOOD RIVER SUBSTATION Coastal >15MW	WEST GREENVILLE SUBSTATION	Capital	>15MW
WOOD RIVER SUBSTATION Coastal >15MW	WESTERLY SUBSTATION	Coastal	<5MW
	WICKFORD JUNCTION SUBSTATION	Coastal	>15MW
WOONSOCKET SUBSTATION Coastal >15MW	WOOD RIVER SUBSTATION	Coastal	>15MW
	WOONSOCKET SUBSTATION	Coastal	>15MW

Rhode Island Energy Reporting Requirements - Affected System Operator Studies

Action Plan/Next Steps

NECo is taking the following actions to prevent, mitigate, and prepare for such an occurrence for the above applications:

- NECo will continue to submit notification to NEP for all pre-ISA projects as soon as they reach the 20-business day mark during the distribution impact study stage.
- For the substations listed above, NECo will provide NEP the list of pending applications for NEP
 to consider as part of its initial assessment in coordination with ISO-NE as to what level of ASO
 study will be required.
- NECo will provide notification to the PUC and send notifications to affected customers per Paragraph 1 or Paragraph 5 and Paragraph 6 of the Reporting Requirements.

Potential ASO Studies for Future Applications

The below table indicates the list of substations where an ASO study will be required for any future application connecting to that substation. Future applications to these substations for over 1 MW will require ASO studies due to DG saturation at these substations. This applies to substations that are currently in Western RI Area ASO Study #3 and one currently in individual study; Chase Hill Substation, Davisville Substation, Kent County Substation, Putnam Pike Substation, Tower Hill Substation, Wood River Substation, and Tiverton Substation, respectively.

Substation Name	Region	DG Penetration Level
BRISTOL SUBSTATION	Coastal	Between 5MW and 15MW
CHASE HILL SUBSTATION	Capital	>15MW
DAVISVILLE SUBSTATION	Coastal	>15MW
DEXTER SUBSTATION	Capital	>15MW
DRUMROCK SUBSTATION	Capital	Between 5MW and 15MW
FARNUM PIKE SUBSTATION	Capital	>15MW
HIGHLAND PARK SUBSTATION	Capital	<5MW
HOPE VALLEY SUBSTATION	Coastal	<5MW
HOPKINS HILL SUBSTATION	Coastal	>15MW
JEPSON SUBSTATION	Coastal	>15MW
JOHNSTON SUBSTATION	Capital	>15MW
KENT COUNTY SUBSTATION	Coastal	>15MW
KENYON SUBSTATION	Coastal	>15MW
KILVERT ST. SUBSTATION	Coastal	Between 5MW and 15MW
LAFAYETTE SUBSTATION	Coastal	>15MW
NASONVILLE SUBSTATION	Capital	>15MW
NEW LONDON AVE SUBSTATION	Coastal	>15MW
OLD BAPTIST ROAD SUBSTATION	Coastal	>15MW

Rhode Island Energy Reporting Requirements - Affected System Operator Studies

0, , ,		·
PAWTUCKET SUBSTATION	Capital	Between 5MW and 15MW
POINT STREET SUBSTATION	Capital	Between 5MW and 15MW
PUTNAM PIKE SUBSTATION	Capital	>15MW
RIVERSIDE SUBSTATION	Capital	Between 5MW and 15MW
STAPLES SUBSTATION	Capital	Between 5MW and 15MW
TIVERTON SUBSTATION	Coastal	>15MW
TOWER HILL SUBSTATION	Coastal	>15MW
VALLEY SUBSTATION	Coastal	Between 5MW and 15MW
WAMPANOAG SUBSTATION	Coastal	Between 5MW and 15MW
WARREN SUBSTATION	Capital	Between 5MW and 15MW
WASHINGTON SUBSTATION	Coastal	Between 5MW and 15MW
WEST CRANSTON SUBSTATION	Capital	>15MW
WEST KINGSTON SUBSTATION	Coastal	<5MW
WESTERLY SUBSTATION	Coastal	<5MW
WICKFORD JUNCTION SUBSTATION	Coastal	>15MW
WOOD RIVER SUBSTATION	Coastal	>15MW
WOONSOCKET SUBSTATION	Coastal	>15MW

Action Plan/Next Step

NECO is taking the following actions to prevent, mitigate, and prepare for such an occurrence for the above applications:

- NECo will publish on its website (https://ngus.force.com/s/article/RI-DG-Group-Transmission-Study-Update), the above list of substations that will require ASO study for future applications.
- In all future pre-application reports in these areas, NECo will notify the proposed project of the status of a likely ASO study in the future if the request may be served from one of the substations mentioned above.

Force Majeure Event

NECo is informing all new applicants that due to the developing COVID-19 crisis, NECO declared a Force Majeure Event (Event) pursuant to the Standards for Connecting Distributed Generation, RIPUC No. 2180 ("Tariff") Section 3.0., that the Company will notify customers whose DG project is directly impacted by this Event, and that all customers will be kept informed of the scope and duration (to extent known) of this Force Majeure Event and of the steps the Company is taking to mitigate the effects of the Event on its performance through periodic updates on the Company's distributed generation website: https://ngus.force.com/s/article/RI-Force-Majeure-Declarations