The portal continues to evolve since being deployed in June 2016.
Central Location

National Grid System Data Portal

Introduction  Company Reports  Distribution Assets Overview

National Grid New York

Filed Company Reports

National Grid UNY (Niagara Mohawk) - 5 Year T&D Capital Investment Plan
National Grid UNY (Niagara Mohawk) - Condition Assessment Report
National Grid UNY (Niagara Mohawk) - Peak Load Forecast
National Grid UNY (Niagara Mohawk) - Reliability Report
National Grid UNY (Niagara Mohawk) - Summer Preparedness
National Grid UNY (Niagara Mohawk) - Power Quality
National Grid UNY (Niagara Mohawk) - Planning Criteria Documents
System Data Presented via interactive maps

This interactive map provides information intended to help DER developers identify locations on the National Grid electric distribution network and associated characteristics. Each circuit is independently colored with thicker lines representing three phase. Conversely, single or double phase circuits are show with a thinner line. Solid lines represent overhead construction with dashed lines being underground. Additionally substation locations are shown as blue squares.

Please use Chrome to view. Alternative browsers may not be supported.

National Grid New York System Information Portal Terms of Use

Welcome to the National Grid New York System Information Portal.

These Terms govern your access and use of the Information Portal and Portal Content. By accessing or using the Information Portal, you agree to be bound by these Terms.

We reserve the right to modify these Terms at any time, without prior notice, and your use of the

I agree to the above terms and conditions

OK

Informational purposes only
Historic Load Data
Where available historic hourly load data is presented via Excel spreadsheets.

Caution: this is raw data and does not provide any information regarding the operating conditions or configuration at the time of the reading.
Beneficial Locations

Simply a load/rating assessment. Expect this will evolve as VDER proceedings progress.
Hosting Capacity – evaluations in progress

Expected to continually evolve in phases, as data and tool sets are enhanced.
New Addition –
Potential NWA Opportunities Under Evaluation

<table>
<thead>
<tr>
<th>Project Name/Description</th>
<th>Project Type</th>
<th>Description of Need</th>
<th>Status</th>
<th>Loading Relief Needed</th>
<th>Voltage Type</th>
<th>Voltage (kV)</th>
<th>Project Size</th>
<th>Estimated RFP Timing</th>
<th>Need Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baldwinsville</td>
<td>Load Relief</td>
<td>Substation MWH² violation – Includes two substations and 5-6 overloaded feeders. The Sorrell Hill Substation currently exceeds the National Grid Distribution Planning Guidelines for Load at Risk and the Lynden Substation is nearing the point at which it will exceed this guideline as well.</td>
<td>Proposal Review</td>
<td>4-6 MW</td>
<td>Distribution</td>
<td>13.2kV</td>
<td>Large</td>
<td>N/A</td>
<td>2023+</td>
</tr>
<tr>
<td>Old Forge</td>
<td>Reliability</td>
<td>Area of poor reliability - looking to NWA to solve summer loading and reliability problems. Radial Sub-transmission line (46kV) that runs through the Adirondack park in the Mohawk Valley Region of National Grid’s territory.</td>
<td>RFP Posted</td>
<td>13 MW</td>
<td>Distribution/Sub-Transmission</td>
<td>46kV / 13.2kV / 4.8kV</td>
<td>Large</td>
<td>RFP Posted</td>
<td>2023+</td>
</tr>
<tr>
<td>Brooklea Dr/Fayetteville</td>
<td>Load Relief</td>
<td>Loading on the step-down “ratio” transformer bank serving portions of the Village of Fayetteville has increased to a level that the step-down “ratio” transformer bank is overloaded during peak loading days. The area being considered for a NWA solution is located in Central New York southeast of the City of Syracuse. Relieve an overloaded step-down ratio bank on a Duguid Distribution Feeder. 13.2kV Y/E to 4.16kV Y/E.</td>
<td>RFP Development</td>
<td>140 kW</td>
<td>Distribution</td>
<td>4.16kV</td>
<td>Small</td>
<td>Aug-2017</td>
<td>2020</td>
</tr>
<tr>
<td>Gilbert Mills</td>
<td>Load Relief</td>
<td>Loading on the Gilbert Mills substation serving the Towns of Schroepepl, Palermo and portion of Hastings has increased to a level at which that is projected to be overloaded to 100% of its normal rating. A single transmission or distribution (“T&amp;D”) contingency results in approximately 1.7MVA load at risk. National Grid is evaluating alternatives to reduce the area load in order to maintain or improve reliability performance.</td>
<td>RFP Development</td>
<td>1.7 MW</td>
<td>Distribution</td>
<td>13.2kV</td>
<td>Small</td>
<td>Aug-2017</td>
<td>2023+</td>
</tr>
<tr>
<td>Van Dyke</td>
<td>Load Relief</td>
<td>Loading on the substations serving portions of the Towns of Bethlehem and New Scotland and portions of the City of Albany has increased to a level at which the load at risk for a single transmission and distribution (“T&amp;D”) contingency exceeds the risk threshold established in National Grid’s Distribution Planning Criteria. Additionally, 11.5MW of expected new commercial andindustrial load in the Town of Bethlehem will cause feeder loading beyond normal ratings. National Grid is evaluating alternatives to serve this new load and to reduce the area load at risk to maintain or improve reliability performance.</td>
<td>RFP Development</td>
<td>6 MW</td>
<td>Distribution</td>
<td>13.2kV</td>
<td>Large</td>
<td>Oct-2017</td>
<td>2020</td>
</tr>
<tr>
<td>Golah-Avon</td>
<td>Load Relief</td>
<td>Golah - N Lakeville lines 216 and 217 projected to be above 100% of its summer emergency rating during a single contingency. Load relief is required to keep voltage.</td>
<td>RFP</td>
<td>6 MW</td>
<td>Sub-Transmission</td>
<td>34.5kV</td>
<td>Large</td>
<td>Oct-2017</td>
<td>2021</td>
</tr>
</tbody>
</table>
Final Thoughts

- The data portal is simply a communications platform.
- The platform can be very flexible, however.
- The potential data sources are vast and require significant resources to maintain and present.
- Careful consideration should be given to define the purpose and use cases for which the portal is intended to support.
- Expect that the portal will continue to evolve with the appropriate resources and time.
THANK YOU