

NY LCC Data Specification

Purpose: This specification is prepared for Local Control Centers in the NYISO by:

- Central Hudson Gas & Electric Corporation
- Consolidated Edison Company of New York, Inc.
- Long Island Power Authority
- Niagara Mohawk Power Corporation, dba National Grid
- New York State Electric & Gas Corporation
- Orange & Rockland Utilities
- Rochester Gas & Electric Corporation
- New York Power Authority
- LS Power Grid New York Corporation
- NextEra Energy Transmission New York, Inc.,

This specification is to define the data requirements for NERC registered Transmission Operator Local Control Centers (LCC), necessary to support Operational Planning Analysis, Real-time Monitoring and Real-time Assessments per TOP-003-5, in addition to data requirements for existing NERC registered Transmission Owner LCCs.

Required Data:

Network Topology Changes – Notification of changes is made in accordance with the data specifications and requirements of the NYISO RAD Manual as follows. Equipment Additions or Modifications resulting in Topology Changes are required at least sixty (60) calendar days prior to implementation in accordance with the NYISO Reliability Analysis Data (RAD) Manual section 2.2 item 3. In addition, notifications of all other Equipment Modifications are required at least seven (7) days prior to implementation in accordance with the NYISO RAD Manual section 2.2 item 4. Notification of Modeling Discrepancies must be made to the NYISO within seven (7) days of identifying the change as required by the NYISO RAD Manual section 2.2 item 5. The NYISO notifies affected neighboring RCs.

SCADA – Metering is provided in real time and provided via ICCP either directly from the NYISO or from LCC TOP to LCC TOP. The TOP required data is specified in the ICCP Object ID List. These include voltage, MW, MVars, status for breakers and switches and transformer tap positions. Notification of changes to any of the data provided is required at least fourteen (14) calendar days prior to implementation in accordance with the NYISO Reliability Analysis Data Manual section 2.2 item 2.

Ratings – Thermal ratings are required on all ties. Seasonal ratings shall be provided as applicable. Notification of changes or additions to any of the data provided is required at

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least seven (7) calendar days prior to implementation in accordance with the NYISO Reliability Analysis Data Manual section 2.2 item 1.

Transmission Outages – Outage notifications for all ties are communicated per the NYISO Outage Scheduling Manual, sections 2.2.3, 2.2.4, 2.2.6 and Attachment A. Generator Outages - Notification of New York generator outages are communicated per the NYISO Outage Scheduling Manual, sections 3.2 for generators that participate in NYISO markets, or per TO Agreements for those generators that do not participate in NYISO markets.

Generator Capability – Generator capability is provided by the NYISO semi-annually via results of DMNC tests, and annually via results of Var tests for generators that participate in NYISO markets and for which such test results are available, or by the generator per TO agreements for those generators that do not participate in NYISO markets. In addition, Generators, and TOs that own synchronous condensers, are required to comply with the reporting schedules provided in MOD-025-2.

Day Ahead Generator Schedules – Schedules are provided daily by the NYISO for generators that participate in NYISO markets via the DAM Gen file, or by the generator per TO Agreements for those generators that do not participate in the NYISO markets.

Protection Systems – Notification of a planned change in protection system status are required on all ties no later than the day of the change. Notification of unplanned changes is required as soon as possible to the NYISO System Operator who will notify the applicable LCC TOP System Operator.

Special Protection Systems/Remedial Action Schemes (SPS/RAS) – The term Remedial Action Scheme (RAS) and its definition has been adopted by NPCC in place of the term Special Protection System (SPS). For existing documentation, the term RAS or SPS may be used. Notification of a planned change in SPS/RAS status is required per the NYISO Transmission & Dispatch Operations Manual, section 4.2.12, paragraph 2. Notifications will be made upon the change in status. SPS/RAS status change notifications are limited to those SPS/RAS identified in the NPCC SPS/RAS List. This includes planned and emergency status changes. Notification of unplanned changes is required as soon as possible to the NYISO System Operator. The NYISO Protection Memos Transmittal List identifies the New York LCC TOPs requiring notification.

Generating Unit Notifications for Forecasted Cold Weather – Generating Units are required to complete and submit to the NYISO annual, weekly, and as requested surveys in accordance with the NYISO Transmission and Dispatch Manual, section 3.3, and the NYISO Generator Fuel and Emissions Reporting (GFER) User's Guide. In addition, applicable entities must comply with PRC-012-2.

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Data Exchange:

Format and Security Protocol – Real-Time data is exchanged via the ICCP protocol. BES CSI and sensitive documents such as the ICCP Object ID Lists are exchanged via secure FTP sites.

Conflict Resolution – In the case of a conflict, the LCC TOP will work with all parties to identify the appropriate data value to resolve the data conflict. Conflicts may be resolved between the parties exchanging data at the applicable NYISO working groups, including CDAS and SPAS.

Network Topology Notifications:

Changes to modeling data, such as Network Topology, are posted on the NYISO EMS Network Model Secure Portal Directory. Modeling changes in neighboring Reliability Coordinator areas are posted on the NYISO EMS Network Model Secure Portal Directory by the NYISO. Once posted, all Data Coordinators receive an email notifying them that updates are available. In the event the NYISO EMS Network Model Secure Portal Directory is unavailable, the following distribution list is provided for making notifications:

NY NERC Registered Transmission Operator (TOP)

New York Independent System Operator	data_coordinator@nyiso.com
Central Hudson Gas & Electric Corporation	datacoordinator@cenhud.com
Consolidated Edison Company of New York, Inc.	dl-STO-DataCoordinator@coned.com
Long Island Power Authority	DL-PSEGLI-LIPATransOps-SEModel@PSEG.COM
National Grid	tcc_model_updates@nationalgrid.com
New York State Electric & Gas Corporation & Rochester Gas and Electric Corporation	ECCNetworkModelUpdates@nyseg.com
Orange & Rockland	Modelupdates@oru.com

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NY NERC Registered Transmission Owner (TO) LCCs

LS Power Grid New York	LSPGNY_DataCoordinator@lspower.com
New York Power Authority	ECCDataCoordinator@nypa.gov
NextEra	DL-NEET-EMS@nexteraenergy.com

Attached is a data specification change form that can be used as applicable.

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Notice of Data Specification Change

Data Specification Change #	
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<input type="checkbox"/> Equipment Additions or Modifications Resulting in Topology Changes		
Required Data		Notification Time
Change Description		At least sixty (60) calendar days prior to implementation
Facility		
One-Line Diagram	Posted to the NYISO EMS Network Model Secure Portal Directory	
Effective Date		
Expected Duration		
Cut-Over Req'd	<input type="checkbox"/>	

<input type="checkbox"/> All Other Equipment Modifications		
Required Data		Notification Time
Change Description		At least seven (7) calendar days prior to implementation
Facility		
One-Line Diagram	Posted to the NYISO EMS Network Model Secure Portal Directory	
Effective Date		
Expected Duration		
Cut-Over Req'd	<input type="checkbox"/>	

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<input type="checkbox"/> Modeling Discrepancies or Changes			
Required Data		Notification Time	Responsible Department
Discrepancy or Change Description		Within seven (7) calendar days after identifying the discrepancy or change	
Facility			
One-Line Diagram	Posted to the NYISO EMS Network Model Secure Portal Directory		
Effective Date			
Expected Duration			

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Version History

Version Number	Date	Description
1	December 1, 2017	<ul style="list-style-type: none">Added that eConnect is the preferred notification method
2	September 10, 2021	<ul style="list-style-type: none">Added MOD-025 reference to Generator Capability sectionAdded Remedial Action Scheme to SPS/RAS sectionAdded PRC-012 reference to SPS/RAS sectionReformatted NYISO Manuals section referencesChanged TOP to LCC TOPErrata corrections
2.1	January 4, 2022	<ul style="list-style-type: none">Errata corrections to NERC Std. versions
3.0	March 28, 2023	<ul style="list-style-type: none">Update to address Cold Weather Standard Data Spec, including addition to reference GFERReplaced eConnect reference with Box reference.
4.0	October 8, 2024	<ul style="list-style-type: none">Changed Box reference to Secure Portal.Provide distinction between applicability for TOP and TO LCCs.