

NY LCC Data Specification

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Purpose: This specification is prepared for and 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; to define the Local Control Center (LCC) TOP data requirements necessary to support Operational Planning Analysis, Real-time Monitoring and Real-time Assessments per TOP-003-4.

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

Transmission Outages – Outage notification 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

NY LCC Data Specification

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.

In addition, applicable entities must comply with PRC-012-2.

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.

NY LCC Data Specification

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 eConnect “EMS Modeling Data” site. Modeling changes in neighboring Reliability Coordinator areas are posted on the NYISO eConnect “EMS Modeling” Data site by the NYISO. Once posted all Data Coordinators receive an email notifying them that updates are available. In the event the NYISO eConnect “EMS Modeling Data” site is unavailable, the following distribution list is provided for making notifications:

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	ECCNetworkModelUpdates@nyseg.com
New York Power Authority	ECCDataCoordinator@nypa.gov
Orange & Rockland	Modelupdates@oru.com
Rochester Gas and Electric Corporation	ECCNetworkModelUpdates@rge.com

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

NY LCC Data Specification

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 At least sixty (60) calendar days prior to implementation
Change Description		
Facility		
One-Line Diagram	<input type="checkbox"/> Posted to the NYISO eConnect “EMS Modeling” Data site	
Effective Date		
Expected Duration		
Cut-Over Req’d		

<input type="checkbox"/> All Other Equipment Modifications		
Required Data		Notification Time At least seven (7) calendar days prior to implementation
Change Description		
Facility		
One-Line Diagram	<input type="checkbox"/> Posted to the NYISO eConnect “EMS Modeling” Data site	
Effective Date		
Expected Duration		
Cut-Over Req’d		

NY LCC Data Specification

<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	<input type="checkbox"/> Posted to the NYISO eConnect "EMS Modeling" Data site		
Effective Date			
Expected Duration			

NY LCC Data Specification

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 section• Added Remedial Action Scheme to SPS/RAS section• Added PRC-012 reference to SPS/RAS section• Reformatted NYISO Manuals section references• Changed TOP to LCC TOP• Errata corrections
2.1	January 4, 2022	<ul style="list-style-type: none">• Errata corrections to NERC Std. versions

NY LCC Data Specification