

### NY LCC Data Specification

**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 TOP data requirements necessary to support Operational Planning Analysis, Real-time Monitoring and Real-time Assessments per TOP-003-3.

#### **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 paragraph 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 paragraph 5. Notification of Modeling Discrepancies must be made to the NYISO within 7 days of identifying the change as required by the NYISO RAD Manual. The NYISO notifies affected neighboring RCs.

*SCADA – Metering* is provided in real time and provided via ICCP either directly from the NYISO or TOP to 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 paragraph 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 paragraph 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

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NYISO markets or 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.

*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 TOP System Operator.

*Special Protection Systems (SPS)* - Notification of a planned change in SPS status is required per the NYISO Transmission & Dispatch Operations Manual, section 4.2.11, paragraph 2. Notifications will be made no later than the day of the change in status. SPS status change notifications are limited to those SPSs identified in the NPCC SPS 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 TOPs requiring notification.

### **Data Exchange:**

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

*Conflict Resolution* – In the case of a conflict the 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

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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-SE-Model@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.

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## Notice of Data Specification Change

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

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

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