

NYISO DATA Specification MATRIX - July 1, 2025

Objective	Data type	Required for IRO-010 and / or TOP-003	Source of Data	Time Span	Time Interval	NYISO Document	NYISO Contact	Format Requirements	Data Required in Advance
Real Time Assessments	Network topology	YES	TOs/GOs/Neighboring RCs	As needed	On-going	RAD Manual 2.2 Facility Owner Updates; ----- RAD Manual, Section 4 Real-Time System Representation; ----- (Digital Telemetry Phase II)	The NYISO maintains an EMS Network Model Updates folder on the EMS Network Model Box Directory for authorized entities to submit required information.	None	At least 60 calendar days
Real Time Assessments	SCADA	YES	TOs/GOs/ Neighboring RCs	As needed	On-going	RAD Manual 2.2 Facility Owner Updates; RAD Manual, Section 4 Real-Time System Representation ----- Control Center Requirements Manual, Section 3.2.4 ----- (Digital Telemetry Phase II)	The NYISO maintains an EMS Network Model Updates folder on the EMS Network Model Box Directory for authorized entities to submit required information. Section 3.2.4 of the Control Center Requirements Manual addresses TO data requirements.	None	At least 14 calendar days
Real Time Assessments and Operations Planning	Ratings	YES	TOs/ Neighboring RCs	2 times/year and as needed	Seasonal	RAD Manual 2.2 Facility Owner Updates; ----- RAD Manual, Section 4 Real-Time System Representation; ----- (Digital Telemetry Phase II)	The NYISO maintains an EMS Network Model Updates folder on the EMS Network Model Box Directory for authorized to submit required information.	None	At least 7 calendar days
Real Time Assessments	Transmission Outages	YES	TOs/Neighboring RCs	As needed	On-going	Outage Scheduling Manual, Section 2.2.3, 2.2.4, 2.2.6	NYISO Scheduling or NYISO Grid Operations	None	Per Outage Scheduling Manual
Real Time Assessments	Generation Outages	YES	GOs	As needed	On-going	Outage Scheduling Manual, Section 3.2.2, 3.2.3, 3.2.4	NYISO Scheduling or NYISO Grid Operations	None	Per Outage Scheduling Manual
Real Time Assessments	DMNC Tests	YES	GOs	Twice a year	Seasonal	Section 4.2 of the ICAP Manual; ICAP Event Schedule at http://icap.nyiso.com/ucap/public/evt_calendar_display.do in reference to DMNC tests;	Auxiliary Market Operations	ICAP Software	60 days after the end of the test period
Real Time Assessments	VAR Tests	YES	GOs	Once a year	Summer Capability Period	Section 3.6 of the Ancillary Services Manual	Auxiliary Market Operations	Spreadsheet	10 days after the test

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Operational Planning Analyses for off-line limit calculation	Network Topology	YES	TOs/GOs	As needed	On-going	RAD Manual Section 2.2 Facility Owner Updates; RAD Manual Section 4.2 Operating System Representation	MMWG Cases/NYISO OSTF member	PSS/e compatible data	OSTF data request schedule deadlines for the semiannual studies
Remedial Action Scheme (RAS) / Special Protection System (SPS) status notification	Network Topology	Yes	TOs	As needed	On-going	Outage Scheduling Manual Sections 2	NYISO Scheduling or NYISO Grid Operations or NYISO Operations Engineering	PSS/e compatible data	Per Outage Scheduling Manual
Remedial Action Scheme (RAS) / Special Protection System (SPS) status notification	Network Topology	Yes	GOs	As needed	On-going	Outage Scheduling Manual Section 3	NYISO Scheduling or NYISO Grid Operations or NYISO Operations Engineering	NYISO Outage Scheduling Software	Per Outage Scheduling Manual
Real Time Assessments and Operational Planning Analysis	Cold Weather Preparation - Fuel Availability	Yes	GOs	Annually, Weekly, and As needed	On-going	T&D sec 3.3 GFER User Guide	NYISO Grid Operations	GFER Survey	Per Transmission and Dispatch Manual
Real Time Assessments and Operational Planning Analysis	RAS/SPS	Yes	TOs/GOs	Annually and as needed	On-going	System Protection Manual Section 3.4	NYISO System Protection Data Coordinator	Protection Memos	Per NYISO System Protection Manual

Performance Criteria – Performance criteria and requirements for the availability and accuracy of data and information, as applicable to Operational Planning Analyses, Real-time monitoring, and Real-time Assessments data is described in NYISO Control Center Requirements Manual.