New York ISO
Independent System Operator

2025 NYISO Projects

Rana Mukerji

Senior Vice President, Market Structures

November 2024

DRAFT – FOR DISCUSSION PURPOSES ONLY

2025 Projects Overview

DRAFT – FOR DISCUSSION PURPOSES ONLY

New York ISO

2025 Business & Finance Projects

Project	Product portfolio	Milestone
Automation in CMS for Interconnection Credit Instruments	Business & Finance	Dev. Comp.
Billing Organization Portfolios for Reporting	Business & Finance	Deploy

New York ISO

2025 Capacity Market Projects

Project	Product portfolio	Milestone
Capacity Market Structure Review	Capacity Market	ID
CRIS Expiration Evaluation	Capacity Market	Deploy
Demand Curve Reset	Capacity Market	Deploy
Generator Data Reporting System	Capacity Market	Deploy
ICAP Efficiencies Effort	Capacity Market	Deploy
Review of Control Area System Resources	Capacity Market	MDC
Winter Reliability Capacity Enhancements	Capacity Market	MDC

New York ISO

DRAFT – FOR DISCUSSION PURPOSES ONLY

2025 Energy Market Projects

Project	Product portfolio	Milestone
Ambient Adjusted Transmission Lines Rating	Energy Market	Study Comp.
Balancing Intermittency	Energy Market	Dev. Comp.
Dover PAR Operating Protocol with ISO-NE	Energy Market	Deploy
Dynamic Reserves - Phase 1	Energy Market	SDS
Market Purchase Hub Transactions - Requested by LIPA	Energy Market	MDC

New York ISO

2025 Enterprise Projects

Project	Product portfolio	Milestone
Activu Server Upgrade	Enterprise	Deploy
Air Handling Units Replacement (Krey)	Enterprise	Study Comp.
Bidding Upload Download Security Enhancements	Enterprise	Deploy
Building Management System Controls Upgrade	Enterprise	Deploy
Endpoint Protection Modernization	Enterprise	Deploy
Hybrid Infrastructure Upgrade	Enterprise	Deploy
LDAP Upgrade	Enterprise	Deploy
Microsegmentation	Enterprise	Deploy

New York ISO

2025 Enterprise Projects (Continued)

Project	Product portfolio	Milestone
Microsoft 365	Enterprise	Deploy
Midrange and Storage Upgrade	Enterprise	Deploy
NAS Storage Refresh	Enterprise	Deploy
Network Infrastructure Upgrade	Enterprise	Deploy
Office Mechanical Systems (Krey)	Enterprise	Deploy
Oracle Database Evolution	Enterprise	Deploy
Telemetry Tone Gear Upgrade	Enterprise	Deploy
Windows & SQL Upgrade	Enterprise	Deploy

New York ISO

DRAFT – FOR DISCUSSION PURPOSES ONLY

2025 New Resource Projects

Project	Product portfolio	Milestone
FERC Order 2222 Compliance	New Resource	SDS
Integrating Champlain Hudson Power Express (CHPE)	New Resource	SDS
Internal Controllable Lines	New Resource	SDS

New York ISO

DRAFT – FOR DISCUSSION PURPOSES ONLY

2025 Operations & Reliability Projects

Project	Product portfolio	Milestone
Advanced Storage Modeling	Operations & Reliability	SDS
EMS/BMS Operational Enhancements	Operations & Reliability	Deploy
EMS/BMS Technologies Upgrade	Operations & Reliability	Deploy
Load Forecasting System Upgrade and Build Out	Operations & Reliability	Deploy
Reliability Compliance Tools Enhancements	Operations & Reliability	Deploy

New York ISO

2025 Planning Projects

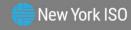| Project	Product portfolio	Milestone
Contingency Database Enhancements Project	Planning	Study Comp.
Coordinated Grid Planning Process (CGPP)	Planning	Study Comp.
FERC Transmission Planning Order Implementation	Planning	ID
Interconnection Cluster Study Process Implementation	Planning	Deploy
NYC Public Policy Transmission Need	Planning	Study Comp.

New York ISO

Our Mission & Vision

R nxxrts

Jsxzwj ut|jwx~xyjr wjqfgrnqy~
fsi htr ujynr{j r fwpjyx ktwSj|
^twpns f hqjfs jsjwl~kzyzwj

[nxrts

\twpns l ytljymjw|nm xyfpjmtqijwx
yt gzrqi ymj hqjfsjxyr txywjqfggj
jqjhywnh x~xyjr ns ymj sfyrts

DRAFT – FOR DISCUSSION PURPOSES ONLY

New York ISO

Questions?

DRAFT – FOR DISCUSSION PURPOSES ONLY

New York ISO

Appendix

DRAFT – FOR DISCUSSION PURPOSES ONLY

New York ISO

Milestone Definitions

DRAFT – FOR DISCUSSION PURPOSES ONLY

New York ISO

Milestone Definitions

Milestone	Definition
Issue Discovery	NYISO has facilitated education session(s) for stakeholder knowledge development of problem/issue, conducted stakeholder solicitation of potential solutions to address problem/issue, and summarized findings at a working group meeting for potential ranking and future project identification.
Study Defined	The scope of work for the study has been presented to stakeholders, including a discussion on the necessary input(s), assumption(s) and objective(s) of the study.
Study Complete	Scope of work to be performed has been completed; results and recommendations have been presented to the appropriate Business Owners and stakeholders.
Market Design Concept Proposed	NYISO has initiated or furthered discussions with stakeholders that explore potential concepts to address opportunities for market efficiency or administration improvements.
Market Design Complete	NYISO has developed with stakeholders a market design such that the proposal can be presented for a vote at the BIC or MC to define further action on the proposal.
Architectural Design	The architectural design document is complete and software development is ready to begin.
Market Projects with the following Milestones will generally be proposed as Continuing in future years, subject to Stakeholder input.	
Functional Requirements	NYISO has completed documentation of the functional requirements, and the Business Owner has approved.
Software Design	The software design document is complete and software development is ready to begin.
Development Complete	Development has been completed, packaged and approved by the Supervisor.
Deployment	Required software changes to support commitment have been integrated into the production environment.

New York ISO

DRAFT – FOR DISCUSSION PURPOSES ONLY