

# 2022 Project Schedule Milestone Update

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**Michael DeSocio**

DIRECTOR, MARKET DESIGN

**Kevin Pytel**

SENIOR MANAGER, PRODUCT MANAGEMENT

**Budget and Priorities Working Group:**

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# Project Milestones & Status Definitions

# Project Types

Type	Definition
KP	Key project as identified in corporate incentive goal #6b
MP	Major project as identified in corporate incentive goal #6a
AP	Other approved project as identified in 2022 project budget
NP	New project to address emerging business needs

# Milestone Definitions

Milestone	Definition
<b>Market Design Concept Proposed</b>	NYISO has initiated or furthered discussions with stakeholders that explore potential concepts to address opportunities for market efficiency or administration improvements.
<b>Market Design Complete</b>	NYISO has developed with stakeholders, a market design concept such that the proposal can be presented for a vote at the BIC or MC to define further action on the proposal.
<b>Architectural Design</b>	The architectural design document is complete and software development is ready to begin.
<b>Functional Requirements</b>	NYISO has completed documentation of the functional requirements and the Business Owner has approved.
<b>Software Design</b>	The software design document is complete and software development is ready to begin.
<b>Development Complete</b>	Development has been completed, packaged, and approved by the Supervisor.
<b>Deployment</b>	Required software changes to support commitment have been integrated into the production environment.
<b>Study Complete</b>	Scope of work to be performed has been completed; results and recommendations have been presented to the appropriate Business Owners and stakeholders.
<b>Study Defined</b>	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.
<b>Issue Discovery</b>	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.

# Status Definitions

Status	Definition
Complete	Requirements for delivery have been satisfied.
At Risk/Delayed	Progress continues but project challenges may require moving the delivery date later in the same calendar year.
Not Started	NYISO is not actively working on the project but expects the delivery can still be met based on scope of deliverable and time left to deliver.
On Schedule	Project is proceeding according to the project plan with expectations of meeting the required delivery by its target date.
Critical/Overdue	Project is in progress but project challenges may require moving the delivery date to the next calendar year or beyond the date specified in corporate incentive goals.
Reprioritized	Project has been reprioritized; resources have been reallocated to address emerging business needs which may delay the delivery date to the next calendar year or beyond the date specified in corporate incentive goals.
Cancelled	Project has been cancelled; resources have been reallocated to other efforts and there are no plans to pursue this project any further.

# Design Projects

# 2022 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Capacity Market Products</i>				
Capacity Value Study	MP	Q3	Study Defined	<b>At Risk Delayed</b>
CRIS Expiration Evaluation	AP	Q3	Market Design Complete	On Schedule
CRIS Tracking	MP	Q4	Dev. Complete	At Risk Delayed
Improving Capacity Accreditation (SOM)	KP	Q3	Market Design Complete	At Risk Delayed

**Bold Red** text indicates status update since last presentation.

**Bold Blue** text indicates projects under stakeholder discussions through the end of Q2.

# 2022 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>New Resource</i>				
<b>Grid in Transition</b>	MP	Q4	Study Complete	On Schedule
<b>Hybrid Aggregation Model</b>	MP	Q4	FRS	At Risk Delayed
<b>Internal Controllable Lines</b>	KP	Q4	Market Design Concept Proposed	On Schedule
On-Boarding of New Resources	AP	Q4	Study Complete	On Schedule
<b>Support TSO DSO</b>	MP	Q4	Issue Discovery	At Risk Delayed

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# 2022 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<b>Energy Market Products</b>				
Constraint Specific Transmission Shortage Pricing (SOM)	AP	Q3	FRS	<b>On Schedule</b>
Dynamic Reserves (SOM)	KP	Q4	Market Design Complete Proposed	<b>On Schedule</b>
Improve Duct-Firing Modeling (SOM)	AP	Q3	Market Design Complete Proposed	On Schedule
<b>Planning Products</b>				
Coordination of Interconnection & Transmission Expansion Study	MP	Q4	Market Design Complete	Not Started
System Demand End Use & Electrification Forecasting Enhancements	MP	Q4	Study Complete	Not Started

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# Implementation Projects

# 2022 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Business and Finance Products</i>				
Business Entity & Credit Questionnaire Enhancements	MP	Q4	Deploy	On Schedule
CMS & Con-Invoice Data Integration	MP	Q4	FRS	<b>On Schedule</b>
Credit Price Spread Updates Virtual & External Transactions	MP	Q4	FRS	On Schedule
Meter Services System	MP	Q4	FRS	<b>On Schedule</b>
Transactions Modifications & Confirmation Tool	MP	Q4	Deploy	At Risk Delayed

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# 2022 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Capacity Market Products</i>				
Comprehensive Mitigation Review	KP	Q2	Deploy	On Schedule
Market Validation, Reporting & Penalty Enhancements	MP	Q4	FRS	On Schedule
<i>New Resource</i>				
DER Participation Model <sup>1</sup>	KP	Q4	Deploy	<b>Critical/Overdue</b>

<sup>1</sup> Development for the DER implementation is tracking behind schedule. Resource loaded project plans are currently projecting a Q2 2023 completion. Evaluation is underway to determine if partial functionality can be delivered in 2022. Work is likely to continue into 2023.

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# 2022 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Enterprise Products</i>				
ACC Control Room Renovations	KP	Q4	Deploy	On Schedule
Application Platform Upgrade	MP	Q4	Deploy	On Schedule
Content Management and Collaboration Solution	AP	Q4	Deploy	On Schedule
Database Upgrade	MP	Q4	Deploy	On Schedule
IT Infrastructure Automation	AP	Q4	Deploy	On Schedule
ITSM Security Enhancements	MP	Q4	Deploy	At Risk Delayed
Krey Control Room A/V Replacement	AP	Q4	Study Complete	Not Started
Microsoft 365	KP	Q4	Deploy	On Schedule

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# 2022 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Enterprise Products</i>				
NetBackup Appliance Refresh	MP	Q4	Deploy	On Schedule
Network Infrastructure Upgrade	MP	Q4	Deploy	On Schedule
Privilege Access Management Upgrade & Enhancements	AP	Q4	Deploy	On Schedule
UPS Replacement	MP	Q3	Study Complete	On Schedule
Unified Communications Platform	AP	Q4	Deploy	On Schedule
Web Content Management System Upgrade	MP	Q2	Deploy	On Schedule
Windows System Upgrade	MP	Q4	Deploy	On Schedule

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# 2022 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Operations &amp; Reliability Products</i>				
Contingency Analysis Results for Transmission Owner Situational Awareness	MP	Q4	FRS	On Schedule
EMS/BMS Operational Enhancements	MP	Q4	Deploy	On Schedule
Natural Gas Notices Enhancement Project	MP	Q2	FRS	<b>Complete</b>
Outage Management System (OMS)	KP	Q3	Deploy	At Risk Delayed
PI Tools Upgrade	AP	Q4	Deploy	On Schedule

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# 2022 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Planning Products</i>				
BTM Solar Demand Forecasting Product Enhancements	AP	Q4	Deploy	<b>On Schedule</b>
LFDR Upgrade and Enhancements	MP	Q3	FRS	On Schedule
NYISO Hosted Siemens Cloud	AP	Q2	Deploy	<b>Complete</b>

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# Quarterly Priority Discussion

# Quarterly Discussion on Project Priorities

- **The NYISO encourages feedback from its stakeholders on project priorities and asks stakeholders to raise ideas or concerns as they arise**
  - This discussion can include any idea or concern and is not limited to just project discussions

# Our Mission & Vision



## Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



## Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation

# Questions?