2021 Project Schedule Milestone Update

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Project Milestones & Status Definitions

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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

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Milestone Definitions

Milestone	Definition
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 concept 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.
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.
Study Complete	Scope of work to be performed has been completed; results and recommendations have been presented to the appropriate Business Owners and stakeholders.
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.
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.

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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.

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Design Projects

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2021 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
Capacity Market Products				
BSM Renewables Exemption Study	MP	Q2	Deployment	Complete
Comprehensive Mitigation Review	MP	Q4	Market Design Complete	**Complete**
CRIS Expiration Evaluation	MP	Q3	Market Design Concept Proposed	Complete
Demand Curve Reset	MP	Q2	Deployment	Complete
Expanding Peak Hour Forecasts	MP	Q3	Market Design Concept Proposed	Complete

Bold Red text indicates status update since last presentation.
Bold Blue text indicates projects under stakeholder discussions through the end of Q4.

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2021 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
DER				
Engaging the Demand Side	AP	Q4	Issue Discovery	**Not Completed**
Climate Change and Grid in Transition	KP	Q4	Issue Discovery	**Complete**
Ongoing TSO and DSO Coordination	AP	Q4	Issue Discovery	**Complete**
Hybrid Aggregation Model	MP	Q4	Market Design Complete	**Not Completed**
TCC Products				
Reserving Capacity for TCC Balance-of-Period (BOP) Auctions	AP	Q4	FRS	**Complete**
Time Differentiated TCCs	MP	Q4	Market Design Concept Proposed	**Complete**

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2021 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
Energy Market Products				
Constraint Specific Transmission Shortage	AP	Q4	Market Design Complete	**Complete**
Grid Services from Renewable Generators	MP	Q3	Study Complete	Complete
Reserve Enhancement for Constrained Areas	MP	Q4	Study Complete	**Complete**

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Implementation Projects

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2021 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
Business and Finance Products				
Accounting and Settlements Integration	AP	Q4	Deployment	**Complete**
Enterprise Information Management – Data Integration Phase IV	KP	Q4	Deployment	**Not Completed**
FERC Form 1 Redesign	MP	Q1	Deployment	**Complete**
Load Forecasting System Upgrade and Build	MP	Q4	Deployment	**Complete**
TCC Credit Enhancements	MP	Q4	Deployment	**Complete**

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2021 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
Energy Market Products				
Ancillary Services Shortage Pricing [SOM]	KP	Q2	Deployment	**Not Completed[*1]**
Carbon Pricing	KP	Q4	SDS	**Complete**
DAM Congestion Settlement Re-Allocation	AP	Q2	Deployment	Complete
Large Scale on Solar Dispatch	MP	Q2	Deployment	Complete
Reserves for Resource Flexibility	KP	Q2	Deployment	Complete

*[*1] The portion of the project approved by the FERC was deployed on schedule in Q2; the remaining piece is considered cancelled.*

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2021 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
Capacity Market Products				
CRIS Tracking	AP	Q4	SDS	**Complete**
Demand Curve Reset Tool Updates	MP	Q2	Deployment	Complete
Tailored Availability Metric	KP	Q1	Deployment	Complete
DER Products				
DER Participation Model	KP	Q4	Deployment *	**Complete**
Expanding Capacity Eligibility	MP	Q1	Deployment	Complete
Hybrid Co-Located Model	KP	Q4	Deployment	**Complete**

Deploy Communication Infrastructure, Complete Development of Software Code for the Billing Settlement System and Billing Simulator.

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2021 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
Enterprise Products				
2021 NERC CIP Audit	AP	Q4	Study Complete	**Complete**
Application Platform Upgrade	MP	Q4	Deployment	**Complete**
Database Upgrade	MP	Q4	Deployment	**Complete**
Gurobi [MIP] Migration and Upgrade	MP	Q4	Deployment	**Complete**
IT Infrastructure Automation	AP	Q4	Deployment	**Complete**
IT Service Management Improvements	MP	Q4	Deployment	**Complete**
Linux and Storage Infrastructure Refresh	AP	Q4	Deployment	**Complete**
Network Infrastructure Upgrade	MP	Q4	Deployment	**Complete**
Windows System Upgrade	AP	Q4	Deployment	**Not Completed**

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2021 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
Operations & Reliability Products				
Automated Default Bid Mitigation	MP	Q1	Deployment	Complete
EMS/BMS Operational Enhancements	MP	Q4	Deployment	**Complete**
NextEra Transmission Owner Integration	MP	Q4	Deployment	**Complete**
Transmission and Generation Scheduling System [TAGSS]	MP	Q4	Development Complete	**Complete**
Planning Products				
ePlanning Migration	AP	Q4	FRS	Cancelled

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Our mission, in collaboration with our stakeholders, is to serve the public interest and provide benefit to consumers by:

- Maintaining and enhancing regional reliability

- Operating open, fair and competitive wholesale electricity markets

- Planning the power system for the future

- Providing factual information to policymakers, stakeholders and investors in the power system

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Questions?

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