

2020 Project Schedule Milestone Update

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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 2020 project budget
NP	New project to address emerging business needs

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.

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

2020 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Capacity Market Products</i>				
BSM Renewables Exemption Study	MP	Q4	Study Complete	On Schedule
Demand Curve Reset	MP	Q4	Study Complete	On Schedule
Comprehensive Mitigation Review	KP	Q4	Market Design Complete	On Schedule
CRIS Tracking	AP	Q4	FRS	Not Started
Enhanced BSM Mitigation Study Period	AP	Q3	Market Design Complete	On Schedule
Enhancing Fuel and Energy Security	AP	Q4	Market Design Concept Proposed	On Schedule

Red text indicates status update since last presentation.

Blue text indicates projects under stakeholder discussions through the end of Q1.

2020 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
Capacity Market Products (continued...)				
Locational Marginal Pricing of Capacity (SOM)	AP	Q3	Issue Discovery	On Schedule
Tailored Availability Metric	AP	Q2	Market Design Complete	On Schedule
DER Products				
NYISO Pilot Framework	AP	Q4	Study Complete	On Schedule
TCC Products				
Reserving Capacity for TCC Balance-of-Period (BOP) Auctions	MP	Q3	Market Design Complete	Not Started

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2020 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Energy Market Products</i>				
Carbon Pricing	KP	Q2	FRS	On Schedule
5 Minute Transaction Scheduling	AP	Q2	Study Complete	On Schedule
Ancillary Services Shortage Pricing (SOM)	MP	Q2	Market Design Complete	On Schedule
Grid in Transition Discussion	MP	Q4	Issue Discovery	On Schedule
Hybrid Storage Model	KP	Q3	Market Design Complete	On Schedule
Mitigation Thresholds Review	AP	Q4	Market Design Concept Proposed	Not Started
Reserves for Resource Flexibility	MP	Q2	Market Design Complete	On Schedule

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Implementation Projects

2020 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Business and Finance Products</i>				
FERC Form1 Redesign	AP	Q3	Deployment	Not Started
Enterprise Information Management - Data Integration PIV	MP	Q4	Development Complete	On Schedule
Financial Risk Assessment and Scoring Enhancement	MP	Q4	Deployment	On Schedule
Oracle Financials Upgrade	MP	Q4	Deployment	On Schedule
Rate Schedule 12 Settlement	MP	Q2	Deployment	On Schedule
CMS Minimum Participation Criteria Enhancements	MP	Q1	Deployment	Complete

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2020 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Business and Finance Products (continued...)</i>				
Customer Relationship Management (Salesforce CRM) Enhancements	AP	Q4	Deployment	On Schedule
Transactions Modifications and Confirmation Tool	AP	Q3	FRS	Not Started
<i>Energy Market Products</i>				
Enhanced Fast Start Pricing	MP	Q4	Deployment	On Schedule
ESR Participation Model	KP	Q3	Deployment	On Schedule
DAM Congestion Settlement Re-Allocation	AP	Q4	Development Complete	On Schedule

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2020 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Energy Market Products (continued...)</i>				
Relocating the IESO Proxy Bus	MP	Q2	Deployment	On Schedule
<i>DER Products</i>				
DER Participation Model	KP	Q3	SDS	On Schedule
Dual Participation	MP	Q2	Deployment	On Schedule
Expanding Capacity Eligibility	KP	Q4	Development Complete	On Schedule

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2020 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Enterprise Products</i>				
Application Platform Upgrade – 2020	MP	Q4	Deployment	On Schedule
Database Upgrade and Platform Migration	MP	Q4	Deployment	On Schedule
IT Infrastructure Automation	MP	Q4	Deployment	On Schedule
Network Infrastructure Upgrade	MP	Q4	Deployment	On Schedule
ACC Control Room Renovations	MP	Q4	Deployment	On Schedule
Access Management	AP	Q4	Deployment	On Schedule
E-Tagging Refresh and Performance Improvements	AP	Q3	Deployment	On Schedule

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2020 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Enterprise Products (continued...)</i>				
GFER Upgrade	MP	Q2	Deployment	On Schedule
IT Service Management Improvements	AP	Q4	Deployment	Not Started
<i>Operations & Reliability Products</i>				
NextEra Transmission Owner Integration	MP	Q2	Study Complete	On Schedule
Automated Default Bid Mitigation	MP	Q4	Development Complete	On Schedule
EMS/BMS System Upgrade	KP	Q1	Deployment	On Schedule

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2020 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Operations & Reliability Products</i>				
Transmission and Generation Scheduling System (TAGSS)	AP	Q4	Development Complete	On Schedule
EMS/BMS Operational Enhancements	MP	Q4	Deployment	On Schedule
<i>Planning Products</i>				
Climate Change Impact and Resilience Study	MP	Q4	Study Complete	On Schedule

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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



Questions?