

# 2019 Project Schedule Milestone Update

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**Budget and Priorities Working Group**

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# Project Milestone and Status Definitions

# 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.

# 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.

# 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 2019 project budget
NP	New project to address emerging business needs

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# 2019 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<b><i>Business and Finance Products</i></b>				
Enterprise Information Management – Data Integration Phase IV	KP	Q2	Deployment	At Risk /Delayed
S&P Credit Ratings Platform Change	MP	Q1	Deployment	Complete
Rate Schedule 12 Settlement	MP	Q2	Deployment	<b>Complete</b>
Financial Risk Assessment and Scoring Enhancement	MP	Q3	FRS	<b>On Schedule</b>
Oracle Financials Upgrade	MP	Q3	ADS	On Schedule
Finance Systems Strategic Vision Planning	MP	Q3	Study Complete	On Schedule

**Bold red** text indicates status update since last presentation

**Bold blue** text indicates projects under stakeholder discussions through the end of Q3

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# 2019 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Business and Finance Products (continued...)</i>				
FERC Form1 Redesign	AP	Q4	Deployment	Not Started
Vendor Management Tool	AP	Q2	SDS	<b>Complete</b>
Position Control System	AP	Q4	FRS	On Schedule

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# 2019 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<b>Capacity Market Products</b>				
Enhancing Fuel and Energy Security	KP	Q2	Study Complete	At Risk /Delayed
Competitive Entry Exemption for Increased CRIS	MP	Q3	Market Design Complete	On Schedule
BSM Repowering	MP	Q3	Market Design Complete	On Schedule
Tailored Availability Metric	MP	Q3	Market Design Concept Proposed	On Schedule
Demand Curve Reset	MP	Q4	Study Defined	On Schedule
CRIS for External - ROS Transmission Investments	AP	Q3	Deployment	<b>At Risk /Delayed</b>

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# 2019 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Capacity Market Products (continued...)</i>				
<b>External Capacity Performance &amp; Obligations</b>	AP	Q3	Market Design Complete	At Risk /Delayed
ICAP AMS Redesign Phase III	AP	Q4	Deployment	On Schedule

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# 2019 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>DER Products</i>				
DER Participation Model	NP	Q1	Market Design Complete	Complete
	MP	Q4	FRS	At Risk/Delayed
Enabling Technologies for DER	AP	Q2	Study Complete	At Risk/Delayed
NYISO Pilot Framework	AP	Q4	Study Complete	On Schedule

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# 2019 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Energy Market Products</i>				
Carbon Pricing	KP	Q2	Market Design Complete	<b>Complete</b>
More Granular Operating Reserves (SOM)	KP	Q3	Market Design Complete	On Schedule
ESR Participation Model (SOM)	KP	Q4	Development Complete	At Risk/Delayed
Automated Default Mitigation Implementation	MP	Q3	SDS	On Schedule
Ancillary Services Shortage Pricing (SOM)	MP	Q4	Study Complete	On Schedule
Enhanced Fast Start Pricing	AP	Q3	FRS	On Schedule

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# 2019 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Energy Market Products (continued...)</i>				
Constraint Specific Transmission Shortage Pricing (SOM)	AP	Q2	Market Design Complete	At Risk/Delayed
<b>Reserve for Resource Flexibility</b>	AP	Q3	Market Design Concept Proposed	On Schedule

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# 2019 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<b><i>Enterprise Products</i></b>				
Microsoft Systems Upgrade	MP	Q4	Deployment	On Schedule
Network Infrastructure Upgrade	MP	Q4	Deployment	<b>At Risk /Delayed</b>
Database Platform Upgrade -2019	MP	Q4	Deployment	<b>Complete</b>
Application Platform Upgrade Phase - 2019	MP	Q4	Deployment	On Schedule
Identity and Access Management (IAM) - 2019	AP	Q3	Deployment	On Schedule
IT Infrastructure Automation	AP	Q4	Deployment	On Schedule

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# 2019 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<i>Operations &amp; Reliability Products</i>				
EMS/BMS System Upgrade	KP	Q4	Deployment	At Risk/Delayed
EMS/BMS Workstation Upgrade	KP	Q4	Deployment	At Risk/Delayed
PI System Upgrade	KP	Q4	Deployment	At Risk/Delayed
Gurobi (MIP) Refresh	MP	Q4	Deployment	On Schedule
TOA Platform Upgrade Phase III	AP	Q4	Development Complete	On Schedule

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# 2019 Project Milestones

Project Name	Type	Qtr	Project Commitment	Commitment Status
<b><i>Planning Products</i></b>				
Interconnection Project Queue (or Portal) Automation	MP	Q3	Deployment	On Schedule
<b>Comprehensive System Planning Process Review</b>	MP	Q3	Market Design Complete	On Schedule
<b>Climate Change Impact and Resilience Study</b>	MP	Q4	Study Complete	On Schedule
<b>Deliverability and Interconnection Process Redesign</b>	NP	Q4	Study Complete	On Schedule

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- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policy makers, stakeholders and investors in the power system



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