

Stakeholder Survey Results and NYISO Scoring of 2025 Proposed Market Projects

Kevin Pytel

Director, Product and Project Management

Budget and Priorities Working Group

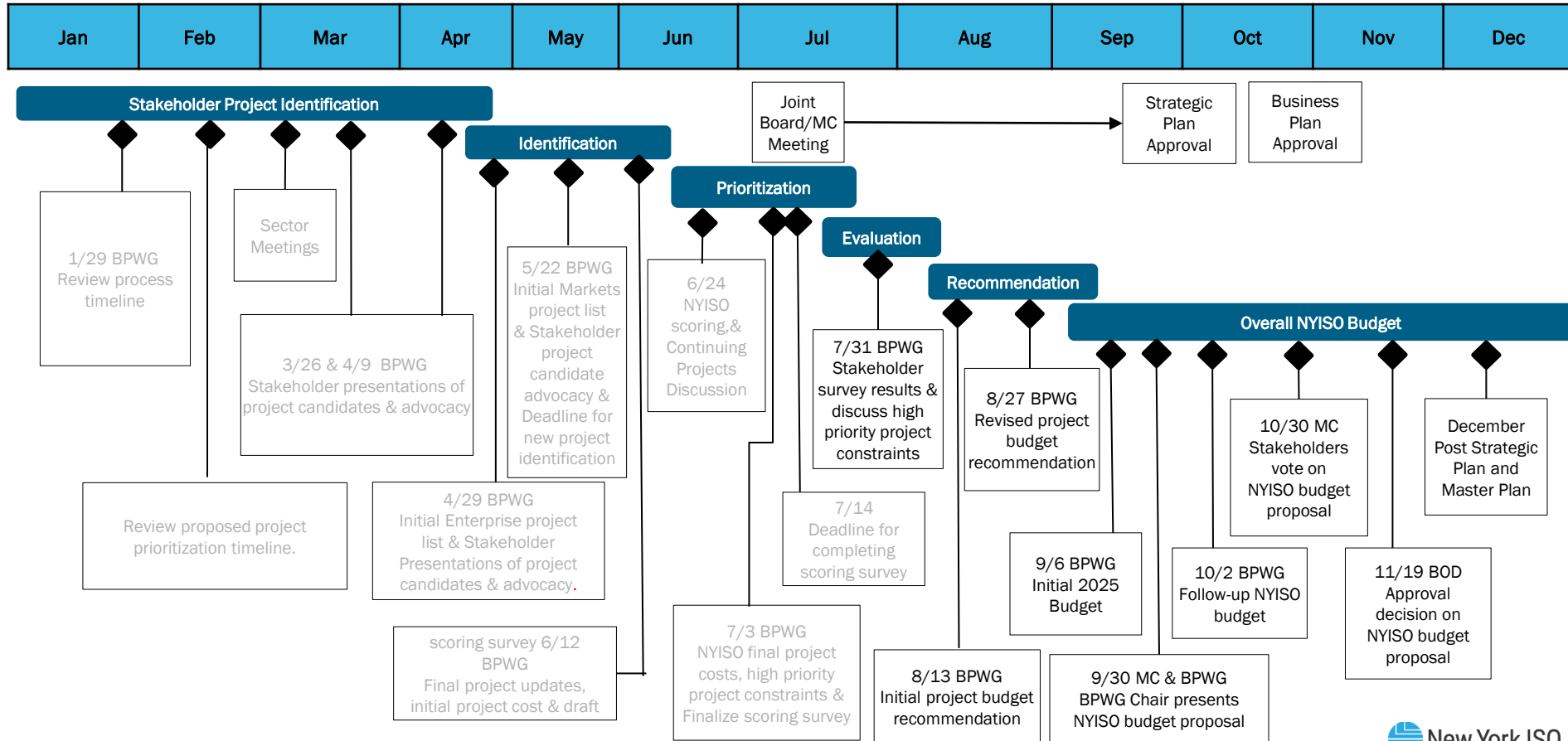
July 31, 2024, WebEx

Agenda

- **Project Prioritization Timeline**
- **Stakeholder Survey**
- **Stakeholder Survey Comments**
- **High Priority Project Constraints and Options**
- **Historic Budgets**
- **Next Steps**
- **Appendix : (Material from July 3rd BPWG)**
 - Milestones and Project Prioritization Phases
 - 2025 Market Project Candidates
 - NYISO Scores & High Priority Project Constraints

Project Prioritization Timeline

Project Prioritization Timeline



Stakeholder Survey

Survey Participation

Sector	Sub Sector	2024 Survey			2023 Survey			2022 Survey		
		Num. Eligible Orgs.	Num. Comp.	Percent Participation	Num. Eligible Orgs.	Num. Comp.	Percent Participation	Num. Eligible Orgs.	Num. Comp.	Percent Participation
End Use Consumer	Gov. Sm. Cons. & Retail Aggr.	2	2	100%	2	2	100%	2	2	100%
"	Gov. State-wide Cons. Advocate	1	1	100%	1	1	100%	1	1	100%
"	Large Cons. Gov. Agency	1	0	0%	1	0	0%	1	0	0%
"	Large Consumer	5	5	100%	5	5	100%	5	5	100%
"	Small Consumer	5	5	100%	5	5	100%	5	5	100%
Generation Owner		21	13	62%	23	13	57%	21	10	48%
Other Supplier		33	15	45%	31	15	48%	34	14	41%
Public/Environment	Environmental	6	1	17%	6	1	17%	6	1	17%
"	Munis & Co-Ops	11	11	100%	11	11	100%	11	10	91%
"	State Power Authorities	2	2	100%	2	2	100%	2	2	100%
Transmission Owner		4	4	100%	4	4	100%	4	3	75%
Non Voting Entity		57	23	40%	62	23	37%	66	23	35%
Total		148	82	55%	153	82	54%	158	76	48%

Governance Weights 2024 Stakeholder Survey

Sector	Sub-Sector	Eligible Percentage	Subsector Percentage	Num. Eligible Orgs.	Num. Responses	Score Weights
End Use		20.0%		14	13	
	Gov. Sm. Cons. & Retail Aggr.		1.8%	2	2	2.0%
	Gov. State-wide Cons. Advocate		2.7%	1	1	3.0%
	Governmental Agency		2.0%	1	0	0.0%
	Large Consumer		9.0%	5	5	10.0%
	Small Consumer		4.5%	5	5	5.0%
Generation Owner		21.5%		23	13	21.5%
Other Supplier		21.5%		31	15	21.5%
Public Power / Environmental		17.0%		19	14	
	Environmental		2.0%	6	1	2.0%
	Munis & Co-Ops		7.0%	11	11	7.0%
	State Power Authorities		8.0%	2	2	8.0%
Transmission Owner		20.0%	20.0%	6	4	20.0%

Stakeholder Scores

Account Name	Sector	5 Minute Transaction Scheduling	Advancing NYISO Transparency - Requested by DC	Ancillary Services Shortage Pricing Update	Balancing Intermittency	Billing Organization Portfolios for Reporting	Capacity Market Structure Review	Clean Hydrogen - Requested by NextEra and Constellation	Cost Recovery for NYISO-Designated IROL Critical Generators	Demand Curve Reset Process Evaluation	Demand Curve WSR Revisions (SOM)	Eliminate Offline GT Pricing	Engaging the Demand Side	Engaging the Demand Side Phase 2	Granular Capacity Market Pricing	Improve Duct-Firing Modeling: Multiple Ramp Rates
City of New York	End Use Consumer	0	0	0	5	0	30	0	0	0	0	0	15	15	0	0
NYS Energy Research & Dev. Authority (NYSER)	End Use Consumer	5	0	0	10	0	5	0	0	15	0	0	5	15	0	0
NYS Department of State Utility Intervention U	End Use Consumer	5	0	0	5	0	5	0	5	30	5	0	0	5	0	5
Alcoa, Inc.	End Use Consumer	0	0	0	5	0	15	0	0	5	5	5	25	5	5	0
GlobalFoundries, U.S., Inc.	End Use Consumer	0	0	0	5	0	15	0	0	5	5	5	25	5	5	0
IBM Corporation	End Use Consumer	0	0	0	5	0	15	0	0	5	5	5	25	5	5	0
Nucor Steel Auburn, Inc.	End Use Consumer	0	0	0	20	0	10	0	0	0	0	0	30	5	0	0
Wegmans Food Markets	End Use Consumer	0	0	0	5	0	15	0	0	5	5	5	25	5	5	0
Beth Israel Health Care System	End Use Consumer	0	0	0	10	0	20	0	0	0	0	0	20	20	0	0
Fordham University	End Use Consumer	0	0	0	10	0	20	0	0	0	0	0	20	20	0	0
Memorial Sloan Kettering Cancer Center	End Use Consumer	0	0	0	10	0	20	0	0	0	0	0	20	20	0	0
Mount Sinai Medical Center	End Use Consumer	0	0	0	10	0	20	0	0	0	0	0	20	20	0	0
New York University	End Use Consumer	0	0	0	10	0	20	0	0	0	0	0	20	20	0	0
Boralex, Inc.	Generation Owner	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
Bowline, LLC	Generation Owner	0	0	10	0	0	0	0	0	20	20	0	0	0	0	0
Calpine Energy Services LP	Generation Owner	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0
Covanta Niagara, LP	Generation Owner	0	25	0	0	0	25	25	0	0	0	0	0	0	0	0
CPV Valley, LLC	Generation Owner	0	0	5	5	0	5	0	0	0	0	0	0	0	0	85
Cypress Creek Renewables, LLC	Generation Owner	5	5	0	15	0	15	0	0	5	0	0	0	0	5	0
East Coast Power, LLC	Generation Owner	0	0	10	0	0	0	0	0	0	0	0	0	0	0	40
Indeck Energy Services, Inc.	Generation Owner	0	0	0	0	0	0	0	0	25	25	0	0	0	0	0

Stakeholder Scores

Account Name	Sector	5 Minute Transaction Scheduling	Advancing NYISO Transparency - Requested by DC	Ancillary Services Shortage Pricing Update	Balancing Intermittency	Billing Organization Portfolios for Reporting	Capacity Market Structure Review	Clean Hydrogen - Requested by NextEra and Constellation	Cost Recovery for NYISO-Designated IROL Critical Generators	Demand Curve Reset Process Evaluation	Demand Curve WSR Revisions (SOM)	Eliminate Offline GT Pricing	Engaging the Demand Side	Engaging the Demand Side Phase 2	Granular Capacity Market Pricing	Improve Duct-Firing Modeling: Multiple Ramp Rates
Key Capture Energy, LLC	Generation Owner	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
North East Offshore, LLC	Generation Owner	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0
Ravenswood Operations, LLC	Generation Owner	0	0	0	10	0	0	0	0	50	0	0	0	0	0	0
RWE Renewables Americas, LLC	Generation Owner	0	35	0	0	15	0	30	0	0	0	0	0	0	0	0
Valcour Wind Energy, LLC	Generation Owner	20	0	0	5	0	20	0	0	0	0	0	0	0	0	0
Alliance for Clean Energy New York	Non Voting Entity	5	5	0	15	0	15	0	0	5	0	0	0	0	5	0
Appian Way Energy Partners East, LLC	Non Voting Entity	0	0	25	0	0	0	0	0	0	0	0	25	25	0	0
Bayonne Energy Center, LLC	Non Voting Entity	0	0	15	15	0	0	0	0	15	0	15	0	0	0	0
Boston Energy Trading and Marketing LLC	Non Voting Entity	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0
Calpine Energy Solutions, LLC	Non Voting Entity	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0
Constellation NewEnergy, Inc.	Non Voting Entity	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
Cricket Valley Energy Center, LLC	Non Voting Entity	0	0	0	0	0	0	0	50	0	0	0	0	0	0	50
Customized Energy Solutions, Ltd.	Non Voting Entity	0	10	0	0	0	0	10	0	10	0	0	10	0	0	10
Empire Generating Co, LLC	Non Voting Entity	0	0	10	0	0	40	0	0	10	10	0	0	0	0	0
Enerwise Global Technologies, Inc. dba CPower	Non Voting Entity	0	0	5	5	0	5	0	0	0	0	0	50	30	0	0
Flatiron Energy Development LLC	Non Voting Entity	0	0	5	45	0	0	0	0	45	0	0	0	0	0	0
Hanwha Q CELLS USA Corp.	Non Voting Entity	0	0	10	0	0	10	0	0	0	0	0	0	0	0	0
Jupiter Power LLC	Non Voting Entity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LS Power Grid New York, LLC	Non Voting Entity	0	0	0	10	10	10	0	0	10	0	0	10	0	10	0
New Leaf Energy Inc.	Non Voting Entity	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0
New York Battery and Energy Storage Technol	Non Voting Entity	0	0	5	6	0	6	6	0	6	0	0	0	0	5	0

Stakeholder Scores

Account Name	Sector	5 Minute Transaction Scheduling	Advancing NYISO Transparency - Requested by DC	Ancillary Services Shortage Pricing Update	Balancing Intermittency	Billing Organization Portfolios for Reporting	Capacity Market Structure Review	Clean Hydrogen - Requested by NextEra and Constellation	Cost Recovery for NYISO-Designated IROL Critical Generators-	Demand Curve Reset Process Evaluation	Demand Curve WSR Revisions (SOM)	Eliminate Offline GT Pricing	Engaging the Demand Side	Engaging the Demand Side Phase 2	Granular Capacity Market Pricing	Improve Duct-Firing Modeling: Multiple Ramp Rates
NRG Curtailment Solutions, Inc.	Non Voting Entity	0	0	0	0	50	0	0	0	0	0	0	50	0	0	0
OhmConnect New York LLC	Non Voting Entity	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0
Orange & Rockland Utilities, Inc.	Non Voting Entity	0	0	0	0	0	50	0	0	0	0	0	0	5	0	0
Richard P. Felak	Non Voting Entity	10	10	0	20	0	20	0	0	0	0	0	10	10	0	0
Rodan Energy Solutions (USA) Inc.	Non Voting Entity	0	10	10	0	0	10	0	0	0	0	0	20	40	0	0
Taylor Biomass Energy, LLC	Non Voting Entity	0	20	20	20	0	0	20	0	0	0	0	0	0	0	20
Vinyard Offshore, LLC	Non Voting Entity	0	5	0	5	0	10	0	0	0	0	0	0	0	5	0
Brookfield Renewable Trading and Marketing	Other Supplier	10	0	0	35	15	0	0	10	0	0	0	0	0	0	0
Constellation Energy Generation, LLC	Other Supplier	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
Danske Commodities US LLC	Other Supplier	25	0	15	25	0	0	0	0	0	0	0	0	0	0	0
DC Energy LLC	Other Supplier	0	85	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastern Generation	Other Supplier	0	0	10	5	0	0	0	0	20	5	0	0	0	5	0
Enel X North America, Inc.	Other Supplier	0	0	0	0	0	0	0	0	0	0	0	90	10	0	0
Energy Spectrum Inc.	Other Supplier	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0
H.Q. Energy Services (U.S.) Inc.	Other Supplier	50	0	0	25	0	0	0	0	0	0	0	0	0	0	0
Invenergy Energy Management LLC	Other Supplier	0	0	0	5	5	5	0	0	5	0	0	5	5	5	0
Mercuria Energy America, LLC	Other Supplier	0	0	0	10	0	0	0	0	25	0	0	0	0	0	0
NextEra Energy Marketing, LLC	Other Supplier	0	0	0	20	0	0	80	0	0	0	0	0	0	0	0
NRG Business Marketing, LLC	Other Supplier	0	0	0	10	40	0	0	0	0	10	0	20	10	0	0
NuEnerGen, LLC	Other Supplier	0	0	0	10	0	0	0	0	0	0	0	60	0	0	0
PSEG Energy Resource & Trade, LLC	Other Supplier	20	0	0	2	1	0	0	0	0	0	5	0	0	0	20

Stakeholder Scores

Account Name	Sector	5 Minute Transaction Scheduling	Advancing NYISO Transparency - Requested by DC	Ancillary Services Shortage Pricing Update	Balancing Intermittency	Billing Organization Portfolios for Reporting	Capacity Market Structure Review	Clean Hydrogen - Requested by NextEra and Constellation	Cost Recovery for NYISO-Designated IROL Critical Generators-	Demand Curve Reset Process Evaluation	Demand Curve WSR Revisions (SOM)	Eliminate Offline GT Pricing	Engaging the Demand Side	Engaging the Demand Side Phase 2	Granular Capacity Market Pricing	Improve Duct-Firing Modeling: Multiple Ramp Rates
Vitol Inc.	Other Supplier	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0
Natural Resources Defense Council	Public/Environment	5	0	0	5	0	30	0	0	0	0	0	15	15	0	0
Bath Electric, Gas & Water Systems	Public/Environment	10	0	0	10	0	0	0	0	5	0	5	0	0	0	10
Freeport Electric	Public/Environment	0	0	10	10	0	0	15	0	0	0	0	20	15	0	0
Jamestown Board of Public Utilities	Public/Environment	5	0	5	10	5	0	0	0	5	10	5	0	0	0	0
Lake Placid Village	Public/Environment	10	0	0	10	0	0	0	0	5	0	5	0	0	0	10
Municipal Commission of Boonville	Public/Environment	10	0	0	10	0	0	0	0	5	0	5	0	0	0	10
Plattsburgh Municipal Lighting Dept.	Public/Environment	10	0	0	10	0	0	0	0	5	0	5	0	0	0	10
Village of Arcade	Public/Environment	10	0	0	10	0	0	0	0	5	0	5	0	0	0	10
Village of Fairport	Public/Environment	10	0	0	10	0	0	0	0	5	0	5	0	0	0	10
Village of Rockville Centre	Public/Environment	5	0	5	10	5	0	0	0	5	10	5	0	0	0	0
Village of Solvay	Public/Environment	10	0	0	10	0	0	0	0	5	0	5	0	0	0	10
Village of Westfield	Public/Environment	10	0	0	10	0	0	0	0	5	0	5	0	0	0	10
Long Island Power Authority	Public/Environment	5	0	0	10	0	15	0	0	0	0	0	5	0	0	5
New York Power Authority	Public/Environment	0	0	5	15	0	15	0	0	0	10	0	5	0	0	0
Central Hudson Gas & Electric Corp.	Transmission Owner	5	0	5	10	0	20	0	0	0	0	0	0	0	5	10
Consolidated Edison Co. of New York, Inc.	Transmission Owner	0	0	0	0	0	50	0	0	0	0	0	0	5	0	0
National Grid	Transmission Owner	0	0	0	5	0	25	0	0	0	10	0	0	10	5	0
New York State Electric & Gas Corp.	Transmission Owner	5	0	0	5	0	30	0	0	0	5	0	5	0	10	0

Stakeholder Scores

Account Name	Sector	Improved Small Customer Enrollment in DRIS - Requested by	Market Purchase Hub Transactions - Requested by LIPA	Mitigation Threshold Review	Operating Reserves Performance	Pivotal Supplier Calculation Enhancement	Reserving Capacity for TCC Balance-of-Period (BoP) Auctions	Review of Control Area System Resources	Review of Real-Time Market Structure	Storage as Transmission	Time Differentiated TCCs	Valuing Transmission Security	Voltage Support Service for Inverter Based Resources (VSS-IBR)	Winter Reliability Capacity Enhancements	Winter Fuel Constraint Study
City of New York	End Use Consumer	0	0	0	10	0	0	0	0	10	0	5	0	10	0
NYS Energy Research & Dev. Authority (NYSER)	End Use Consumer	0	0	0	10	0	0	0	5	20	0	0	5	0	5
NYS Department of State Utility Intervention U	End Use Consumer	0	0	0	5	0	0	0	0	15	0	5	0	10	0
Alcoa, Inc.	End Use Consumer	0	0	5	10	0	0	0	0	0	0	10	0	5	0
GlobalFoundries, U.S., Inc.	End Use Consumer	0	0	5	10	0	0	0	0	0	0	10	0	5	0
IBM Corporation	End Use Consumer	0	0	5	10	0	0	0	0	0	0	10	0	5	0
Nucor Steel Auburn, Inc.	End Use Consumer	0	0	0	10	0	0	0	0	10	0	0	0	5	10
Wegmans Food Markets	End Use Consumer	0	0	5	10	0	0	0	0	0	0	10	0	5	0
Beth Israel Health Care System	End Use Consumer	0	0	0	10	0	0	0	0	10	0	10	0	0	0
Fordham University	End Use Consumer	0	0	0	10	0	0	0	0	10	0	10	0	0	0
Memorial Sloan Kettering Cancer Center	End Use Consumer	0	0	0	10	0	0	0	0	10	0	10	0	0	0
Mount Sinai Medical Center	End Use Consumer	0	0	0	10	0	0	0	0	10	0	10	0	0	0
New York University	End Use Consumer	0	0	0	10	0	0	0	0	10	0	10	0	0	0
Boralex, Inc.	Generation Owner	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bowline, LLC	Generation Owner	0	0	0	0	0	0	0	0	0	0	0	0	20	30
Calpine Energy Services LP	Generation Owner	0	0	0	0	0	0	0	0	0	70	0	0	0	0
Covanta Niagara, LP	Generation Owner	0	0	0	0	0	0	0	0	25	0	0	0	0	0
CPV Valley, LLC	Generation Owner	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cypress Creek Renewables, LLC	Generation Owner	0	0	0	0	0	5	0	15	15	5	0	5	5	0
East Coast Power, LLC	Generation Owner	0	0	0	0	0	0	0	0	0	0	20	0	15	15
Indeck Energy Services, Inc.	Generation Owner	0	0	0	0	0	0	0	0	0	0	0	0	25	25

Stakeholder Scores

Account Name	Sector	Improved Small Customer Enrollment in DRIS - Requested by	Market Purchase Hub Transactions - Requested by LIPA	Mitigation Threshold Review	Operating Reserves Performance	Pivotal Supplier Calculation Enhancement	Reserving Capacity for TCC Balance-of-Period (BoP) Auctions	Review of Control Area System Resources	Review of Real-Time Market Structure	Storage as Transmission	Time Differentiated TCCs	Valuing Transmission Security	Voltage Support Service for Inverter Based Resources (VSS-IBR)	Winter Reliability Capacity Enhancements	Winter Fuel Constraint Study
Key Capture Energy, LLC	Generation Owner	0	5	0	0	0	0	0	90	0	0	0	0	0	0
North East Offshore, LLC	Generation Owner	0	0	0	0	0	0	0	25	25	0	0	25	0	0
Ravenswood Operations, LLC	Generation Owner	0	0	0	0	0	0	0	0	0	0	0	0	20	20
RWE Renewables Americas, LLC	Generation Owner	0	0	0	0	0	0	0	0	15	0	0	5	0	0
Valcour Wind Energy, LLC	Generation Owner	0	0	0	0	0	20	0	5	0	20	0	0	10	0
Alliance for Clean Energy New York	Non Voting Entity	0	0	0	0	0	5	0	15	15	5	0	5	5	0
Appian Way Energy Partners East, LLC	Non Voting Entity	0	0	0	0	0	0	0	0	0	25	0	0	0	0
Bayonne Energy Center, LLC	Non Voting Entity	0	0	0	0	0	0	0	0	0	0	20	0	0	20
Boston Energy Trading and Marketing LLC	Non Voting Entity	0	0	0	0	0	15	0	0	0	75	0	0	0	0
Calpine Energy Solutions, LLC	Non Voting Entity	0	0	0	0	0	0	0	0	0	80	0	0	0	0
Constellation NewEnergy, Inc.	Non Voting Entity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cricket Valley Energy Center, LLC	Non Voting Entity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Customized Energy Solutions, Ltd.	Non Voting Entity	0	10	0	0	0	0	0	10	0	10	0	0	10	10
Empire Generating Co, LLC	Non Voting Entity	0	0	0	0	0	0	0	10	0	0	0	10	10	0
Enerwise Global Technologies, Inc. dba CPower	Non Voting Entity	0	5	0	0	0	0	0	0	0	0	0	0	0	0
Flatiron Energy Development LLC	Non Voting Entity	0	0	5	0	0	0	0	0	0	0	0	0	0	0
Hanwha Q CELLS USA Corp.	Non Voting Entity	0	0	0	0	0	0	0	40	40	0	0	0	0	0
Jupiter Power LLC	Non Voting Entity	0	0	0	0	0	0	0	80	20	0	0	0	0	0
LS Power Grid New York, LLC	Non Voting Entity	0	0	0	0	0	0	10	0	0	0	10	0	10	10
New Leaf Energy Inc.	Non Voting Entity	0	0	0	10	0	0	5	35	0	0	0	10	0	0
New York Battery and Energy Storage Technol	Non Voting Entity	0	0	0	0	0	0	0	25	30	0	3	5	3	0

Stakeholder Scores

Account Name	Sector	Improved Small Customer Enrollment in PRIS - Requested by	Market Purchase Hub Transactions - Requested by LIPA	Mitigation Threshold Review	Operating Reserves Performance	Pivotal Supplier Calculation Enhancement	Reserving Capacity for TCC Balance-of-Period (BoP) Auctions	Review of Control Area System Resources	Review of Real-Time Market Structure	Storage as Transmission	Time Differentiated TCCs	Valuing Transmission Security	Voltage Support Service for Inverter Based Resources (VSS-IBR)	Winter Reliability Capacity Enhancements	Winter Fuel Constraint Study
NRG Curtailment Solutions, Inc.	Non Voting Entity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OhmConnect New York LLC	Non Voting Entity	80	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange & Rockland Utilities, Inc.	Non Voting Entity	0	0	0	5	0	0	0	0	5	0	15	15	0	5
Richard P. Felak	Non Voting Entity	0	0	0	10	0	0	0	10	0	0	0	0	0	0
Rodan Energy Solutions (USA) Inc.	Non Voting Entity	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Taylor Biomass Energy, LLC	Non Voting Entity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vinyard Offshore, LLC	Non Voting Entity	0	0	0	0	0	0	0	20	20	0	0	20	10	5
Brookfield Renewable Trading and Marketing	Other Supplier	0	0	0	0	0	15	0	0	0	15	0	0	0	0
Constellation Energy Generation, LLC	Other Supplier	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Danske Commodities US LLC	Other Supplier	0	0	0	15	0	0	0	0	0	0	0	20	0	0
DC Energy LLC	Other Supplier	0	0	0	0	0	5	0	0	0	10	0	0	0	0
Eastern Generation	Other Supplier	0	0	5	0	0	0	5	0	0	0	15	0	20	10
Enel X North America, Inc.	Other Supplier	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Spectrum Inc.	Other Supplier	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H.Q. Energy Services (U.S.) Inc.	Other Supplier	0	0	0	0	0	0	0	0	0	0	0	0	25	0
Invenergy Energy Management LLC	Other Supplier	0	0	0	5	0	0	5	10	15	0	5	15	5	5
Mercuria Energy America, LLC	Other Supplier	0	0	0	0	0	5	0	0	0	30	0	0	15	15
NextEra Energy Marketing, LLC	Other Supplier	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NRG Business Marketing, LLC	Other Supplier	0	0	0	0	0	0	0	0	0	0	0	0	10	0
NuEnerGen, LLC	Other Supplier	0	0	0	0	0	0	0	15	0	0	0	0	15	0
PSEG Energy Resource & Trade, LLC	Other Supplier	0	25	2	0	0	0	0	5	0	0	0	0	20	0

Stakeholder Scores

Account Name	Sector	Improved Small Customer Enrollment in DRIS - Requested by	Market Purchase Hub Transactions - Requested by LIPA	Mitigation Threshold Review	Operating Reserves Performance	Pivotal Supplier Calculation Enhancement	Reserving Capacity for TCC Balance-of-Period (BoP) Auctions	Review of Control Area System Resources	Review of Real-Time Market Structure	Storage as Transmission	Time Differentiated TCCs	Valuing Transmission Security	Voltage Support Service for Inverter Based Resources (VSS-IBR)	Winter Reliability Capacity Enhancements	Winter Fuel Constraint Study
Vitol Inc.	Other Supplier	0	0	0	0	0	0	0	0	0	75	0	0	0	0
Natural Resources Defense Council	Public/Environment	0	0	0	0	0	0	0	0	10	0	10	5	5	0
Bath Electric, Gas & Water Systems	Public/Environment	0	0	0	0	0	0	0	0	0	0	20	0	20	20
Freeport Electric	Public/Environment	0	10	0	5	0	0	0	10	0	0	0	5	0	0
Jamestown Board of Public Utilities	Public/Environment	0	0	10	5	5	0	5	10	5	0	5	0	5	5
Lake Placid Village	Public/Environment	0	0	0	0	0	0	0	0	0	0	20	0	20	20
Municipal Commission of Boonville	Public/Environment	0	0	0	0	0	0	0	0	0	0	20	0	20	20
Plattsburgh Municipal Lighting Dept.	Public/Environment	0	0	0	0	0	0	0	0	0	0	20	0	20	20
Village of Arcade	Public/Environment	0	0	0	0	0	0	0	0	0	0	20	0	20	20
Village of Fairport	Public/Environment	0	0	0	0	0	0	0	0	0	0	20	0	20	20
Village of Rockville Centre	Public/Environment	0	0	10	5	5	0	5	10	5	0	5	0	5	5
Village of Solvay	Public/Environment	0	0	0	0	0	0	0	0	0	0	20	0	20	20
Village of Westfield	Public/Environment	0	0	0	0	0	0	0	0	0	0	20	0	20	20
Long Island Power Authority	Public/Environment	0	50	0	0	0	0	0	5	0	0	0	0	5	0
New York Power Authority	Public/Environment	0	20	0	10	0	0	0	10	0	0	5	0	0	5
Central Hudson Gas & Electric Corp.	Transmission Owner	0	0	0	0	0	0	0	0	15	0	10	5	10	5
Consolidated Edison Co. of New York, Inc.	Transmission Owner	0	0	0	5	0	0	0	0	5	0	15	15	0	5
National Grid	Transmission Owner	0	0	0	5	0	0	0	15	5	0	5	0	5	10
New York State Electric & Gas Corp.	Transmission Owner	0	10	0	0	0	0	0	0	5	0	10	0	10	5

Stakeholder Survey Score

- Projects are ordered by Weighted Score

Product / Project	Product portfolio	Raw Score	Weighted Score	Sector Count	Count
Capacity Market Structure Review	Capacity Market	9.4	14.2	3	37
Engaging the Demand Side	New Resource	9.3	8.8	2	30
Balancing Intermittency	Energy Market	8.1	7.9	4	56
Winter Reliability Capacity Enhancements	Capacity Market	6.1	6.7	4	41
Valuing Transmission Security	Capacity Market	5.0	5.6	3	34
Storage as Transmission	New Resource	4.6	4.8	3	27
Winter Fuel Constraint Study	Capacity Market	4.7	4.7	3	29
Review of Real-Time Market Structure	Energy Market	5.8	4.3	1	23
Demand Curve Reset Process Evaluation	Capacity Market	4.5	4.2	2	31
Market Purchase Hub Transactions - Requested by LIPA	Energy Market	1.6	3.8	0	8
Improve Duct-Firing Modeling: Multiple Ramp Rates	Energy Market	4.0	3.7	1	17
Clean Hydrogen - Requested by NextEra and Constellation	New Resource	4.7	3.6	0	9
5 Minute Transaction Scheduling	Energy Market	3.2	3.5	2	24
Engaging the Demand Side Phase 2	New Resource	4.3	3.5	1	26
Time Differentiated TCCs	TCC	5.1	3.4	1	12

Raw Score = Average of scores from each organization that completed the stakeholder survey

Weighted Score = Scores from voting members only are averaged across the sector they are in and weighted based on governance voting weights

Sector Count = number of sectors where at least 25% of the sector's survey responses put points on a project and the average points across the sector was 5 or greater

Count = number of survey responses that had assigned points to the project

Stakeholder Survey Score

- Projects are ordered by Weighted Score

Product / Project	Product portfolio	Raw Score	Weighted Score	Sector Count	Count
Operating Reserves Performance	Energy Market	2.5	3.1	1	24
Demand Curve WSR Revisions (SOM)	Capacity Market	1.7	2.8	0	15
Advancing NYISO Transparency - Requested by DC Energy	Energy Market	2.7	2.3	0	12
Voltage Support Services for Inverter Based Resources (VSS-IBR)	Energy Market	2.1	2.3	1	16
Granular Capacity Market Pricing	Capacity Market	1.0	1.6	1	14
Ancillary Service Shortage Pricing	Energy Market	2.5	1.3	0	20
Billing Organization Portfolios for Reporting	Business & Finance	2.0	1.2	0	11
Eliminate Offline GT Pricing	Energy Market	1.1	0.8	0	16
Reserving Capacity for TCC Balance-of-Period (BOP) Auctions	TCC	0.9	0.8	0	7
Mitigation Threshold Review	Energy Market	0.6	0.6	0	9
Cost Recovery for NYISO-Designated IROL Critical Generators- Requested by Advanced Power	Energy Market	0.8	0.3	0	3
Review of Control Area System Resources	Capacity Market	0.4	0.2	0	6
Pivotal Supplier Calculation Enhancement	Capacity Market	0.1	0.1	0	2
Improved Small Customer Enrollment in DRIS - Requested by OhmConnect	New Resource	1.1	0.0	0	2

Raw Score = Average of scores from each organization that completed the stakeholder survey

Weighted Score = Scores from voting members only are averaged across the sector they are in and weighted based on governance voting weights

Sector Count = number of sectors where at least 25% of the sector's survey responses put points on a project and the average points across the sector was 5 or greater

Count = number of survey responses that had assigned points to the project

Stakeholder Survey Comments

Stakeholder Comments

Project	Organization	Comment
5 Minute Transaction Scheduling	Richard P. Felak	In theory power costs would be minimized if it was possible to reduce all operational lag times to zero -- so this would be a step in the right direction
Advancing NYISO Transparency - Requested by DC Energy	Richard P. Felak	If market uncertainty was zero then costs could be minimized -- thus this would be a step in the right direction
Ancillary Services Shortage Pricing Update	NYS Department of State Utility Intervention Unit	Given project description this just seems logically part of balancing intermittency.
Ancillary Services Shortage Pricing Update	Richard P. Felak	Ancillary services are currently ill-defined and thus ill-executed. Hence it would be better to work on the front end of that conundrum rather than this sort of bandaid approach
Balancing Intermittency	Ravenswood Operations, LLC	This is an important issue, but much is being done as part of other projects and activities underway by the NYISO, NYPSC, and the NYSRC. Nevertheless, Ravenswood has emphasized the fact that system reliability must remain paramount and has actively participated in the NYISO's effort to ensure a measured and purposeful transition to the system. Given the importance of addressing these issues in a timely way in light of the grid's ongoing evolution, Ravenswood wanted to reflect support for this generally.
Balancing Intermittency	Valcour Wind Energy, LLC	AES suggests that this be undertaken by NYISO as a mandatory project
Balancing Intermittency	Richard P. Felak	Unless the CLCPA goes away this is a must
Balancing Intermittency	Vitol Inc.	As the resource mix transitions to more renewable production, NYISO will need more tools to manage its net load ramping uncertainty. Regions with deep penetrations of renewables such as CAISO, ERCOT, SPP and MISO all have uncertainty/flexible ramping products to meet these needs within a market. This is superior to manual interventions that create uplift and suppress price signals that are needed to incentivize flexible resources.

Stakeholder Comments

Project	Organization	Comment
Billing Organization Portfolios for Reporting	NRG Curtailment Solutions, Inc.	It is important to develop and deploy a new user interface - for the Invoice Detail Report that will allow Market Participants to create portfolios for reporting purposes - based on successful MDC developed in 2023
Capacity Market Structure Review	NYS Department of State Utility Intervention Unit	Seems logically connected or linked to several other capacity market-related projects including #9, #10, #14, #26, #28 and #29. Scope of subsequent projects will be impacted by the outcome of #6. Effort of #6 be taken up immediately in 2025.
Capacity Market Structure Review	Ravenswood Operations, LLC	The description of this project sounds like a multi-tiered compensation mechanism that would not appear to result in a market design structure that is based on the actual reliability service being provided. Substantial efforts have been dedicated to ensure that the capacity structure is enhanced over time to ensure the capacity market continues to promote the long term reliability of the system. Project #9 includes the proper characterization of the issues that need to be addressed. Lastly, as the NYISO established at the July 3rd BPWG meeting in support of the limited scoring it attributed to this project proposal, there are a number of other projects that are more time sensitive and better hewn to pinpoint the need for any further enhancements to the capacity market structure.
Capacity Market Structure Review	Richard P. Felak	The capacity market has so many band-aids on it that if it was redone with a clean sheet with the goal of cost minimization the savings would be astronomical
Capacity Market Structure Review	Long Island Power Authority	Not to scrap market-based rates, but to revise to isolate cost for reliability attribute.
Capacity Market Structure Review	National Grid	Many projects on this list propose changes to the existing demand curve reset process, but most would be constrained by the limited scope. Only this project provides the NYISO and stakeholders the flexibility to consider improvements to all components of the ICAP market, including the demand curves.

Stakeholder Comments

Project	Organization	Comment
Clean Hydrogen - Requested by NextEra and Constellation	None	None
Cost Recovery for NYISO-Designated IROL Critical Generators- Requested by Advanced Power	None	None
Demand Curve Reset Process Evaluation	NYS Department of State Utility Intervention Unit	Our most fundamental concern with the capacity market are the tariff provisions governing the structure of the demand curve.
Demand Curve Reset Process Evaluation	Ravenswood Operations, LLC	A lessons learned review of the recent process, and confirmation of the reliability attributes that the Demand Curve pays for and the Proxy Unit provides, is critical to maintaining reliability. That said, the core DCRP structure continues to be a viable market design. Nevertheless, it may be necessary to tweak certain aspects and this review is warranted. As one example, it has come to light in the current DCRP effort that the annual escalation factor adjustments for inflation have failed to effectively track the unprecedented inflation levels and the concomitant interest rate impacts that occurred over the 2021-2025 reset period. The current DCRP effort identified this significant shortfall in pricing. Impacts include: 1) artificially suppressed prices over the three “out years” in the 2021-2025 cycle; and 2) a resulting major adjustment in the current reset to reflect this shortfall before any additional costs are added to define the Net CONE of the proxy unit. Given their scope and magnitude, these factors must be re-evaluated as part of this process.
Demand Curve Reset Process Evaluation	Richard P. Felak	First redo the capacity market from a clean sheet and then realize that this sort of thing is no longer needed
Demand Curve Reset Process Evaluation	Long Island Power Authority	Prioritize in 2025 for 2026 after Capacity Market Structure Review.
Demand Curve WSR Revisions (SOM)	Richard P. Felak	First redo the capacity market from a clean sheet and then realize that this sort of thing is no longer needed

Stakeholder Comments

Project	Organization	Comment
Eliminate Offline GT Pricing	Appian Way Energy Partners East, LLC	Offline GT pricing is important to reduce uplift and ensure that spot prices reflect opportunity cost.
Eliminate Offline GT Pricing	Long Island Power Authority	Would this reduce Constraint Reliability Margin ("CRM")?
Engaging the Demand Side	Nucor Steel Auburn, Inc.	The 4 to 6 hour duration change should be implemented for the 2025 capability year
Engaging the Demand Side	Appian Way Energy Partners East, LLC	Very important for the demand side, especially at the LDC level to be included in clearing the market and in wholesale price formation. At this time LDC DR programs have a price suppressive effect, harming market efficiency and long term price signals.
Engaging the Demand Side	Enerwise Global Technologies, Inc. dba Cpower	At the July 15 ICAP/MIWG discussion of this project, the NYISO for the first time in over a decade resurrected a proposal previously rejected by the NYISO to measure the performance of SCRs using a CBL, rather than a ACL, baseline. CPower's endorsement of this project reflects no support for this late addition to this project, which CPower opposes.
Engaging the Demand Side	NRG Curtailment Solutions, Inc.	Simply adjusting the SCR program's minimum duration requirement should better aligns SCR capacity accreditation with the capability of resources and the reliability needs of the NY power grid.
Engaging the Demand Side	Richard P. Felak	The sooner the better
Engaging the Demand Side	Enel X North America, Inc.	It is absolutely critical to the future of the Special Case Resources Program that the dispatch duration be extended from 4 hours to 6 hours as soon as possible, ideally prior to May 1, 2025.

Stakeholder Comments

Project	Organization	Comment
Engaging the Demand Side Phase 2	Appian Way Energy Partners East, LLC	Very important for the demand side, especially at the LDC level to be included in clearing the market and in wholesale price formation. At this time LDC DR programs have a price suppressive effect, harming market efficiency and long term price signals.
Engaging the Demand Side Phase 2	Richard P. Felak	The sooner the better
Engaging the Demand Side Phase 2	Enel X North America, Inc.	The 6-second telemetry requirement to participate is far too expensive and difficult for demand response resources to consider participating in the DER Program.
Granular Capacity Market Pricing	Richard P. Felak	First redo the capacity market from a clean sheet and then realize that this sort of thing is no longer needed
Improve Duct-Firing Modeling: Multiple Ramp Rates	NYS Department of State Utility Intervention Unit	The most important part of the design is allowing resources to enter ramp rates as a biddable parameter.
Improved Small Customer Enrollment in DRIS - Requested by OhmConnect	None	None
Market Purchase Hub Transactions - Requested by LIPA	Long Island Power Authority	Allows long-term financing of market purchases to generate significant cost savings.
Mitigation Threshold Review	None	None
Operating Reserves Performance	Richard P. Felak	The sooner the better
Pivotal Supplier Calculation Enhancement	None	None
Reserving Capacity for TCC Balance-of-Period (BoP) Auctions	None	None

Stakeholder Comments

Project	Organization	Comment
Review of Control Area System Resources	Richard P. Felak	First redo the capacity market from a clean sheet and then realize that this sort of thing is no longer needed
Review of Real-Time Market Structure	Key Capture Energy, LLC	KCE's understanding is that Project 23 would lay the groundwork for reducing NYISO's 75 minute bid lock window and enable market participants to update energy offers closer to real-time. For limited duration technologies like energy storage, the current bid lock window poses significant operational challenges and hampers the ability for these resources to provide full value to the NYISO and consumers. This is because it is very difficult to effectively manage battery state of charge and optimize offers when bids are locked more than an hour before the current operating hour. This challenge is particularly acute when projects provide non-energy neutral ancillary services (i.e., frequency regulation) and/or when energy prices are more volatile.
Review of Real-Time Market Structure	Valcour Wind Energy, LLC	AES suggests that this be undertaken by NYISO as a mandatory project
Review of Real-Time Market Structure	Richard P. Felak	Unless the CLCPA goes away this is a must
Review of Real-Time Market Structure	Long Island Power Authority	Longer RTC horizon needed for efficient battery dispatch and uncertainty reserve procurement.
Storage as Transmission	Ravenswood Operations, LLC	Storage has various other means to be integrated onto the transmission system without creating a new special wholesale transmission product that is only compensated to storage resources. The NYISO should dedicate its time to larger scale projects that will have a more widespread application and do not cause undue discriminatory.
Storage as Transmission	National Grid	Five points does not reflect the potential value of this project. Our scoring here is heavily discounted to reflect our disappointment with the narrow trajectory of the NYISO's expected market design proposal.

Stakeholder Comments

Project	Organization	Comment
Time Differentiated TCCs	Vitol Inc.	Today's TCC product is outdated. The 24 hour TCC hedge does not match the profile of non-baseloded resource. Indeed, a 24-hour product may create a new risk for a renewable supplier because its energy profile typically spans on-peak hours or off-peak hours but not both, e.g., a supplier of solar would have to expose themselves to the risk of off-peak hours in its TCC position to receive a hedge for its on-peak production. This is a really inefficient hedge and may not actually reduce risk overall.
Valuing Transmission Security	Ravenswood Operations, LLC	Transmission Security is being managed effectively as part of the IRM and LCR processes. TS is properly accounted for in the DCRP process thereby aligning planning with markets. Progressing with such a project during the transition will have limited value during a time when stability and the maintenance of dispatchable resources are critical to maintaining reliability under various circumstances.
Valuing Transmission Security	Orange & Rockland Utilities, Inc.	O&R's support for the Valuing Transmission Security Project comes with the understanding that O&R supports the need for the NYISO to investigate the NYISO's use of transmission security limits (TSLs) in the process for establishing locational capacity requirements (LCRs).
Valuing Transmission Security	Consolidated Edison Co. of New York, Inc.	Con Edison's support for the Valuing Transmission Security Project comes with the understanding that Con Edison supports the need for the NYISO to investigate the NYISO's use of transmission security limits (TSLs) in the process for establishing locational capacity requirements (LCRs).
Voltage Support Service for Inverter Based Resources (VSS-IBR)	None	None

Stakeholder Comments

Project	Organization	Comment
Winter Reliability Capacity Enhancements	Ravenswood Operations, LLC	As the NYISO system experiences higher and longer winter peaks, and moves towards becoming a winter peaking system, in part, due to the CLCPA electrification mandates, reliability enhancements need to be signaled well in advance of the need for larger amounts of energy and reserves in the winter than in the summer. These needs are expected to materialize more quickly in southeastern New York where fewer alternatives will be available to meet these needs safely and reliably. Proper evaluation, design and ultimately implementation of the necessary enhancements needs to commence now to ensure signals are sent in time to support construction of new and ongoing investments in needed existing facilities.
Winter Reliability Capacity Enhancements	Valcour Wind Energy, LLC	AES suggests that this be undertaken by NYISO as a mandatory project
Winter Reliability Capacity Enhancements	Richard P. Felak	First redo the capacity market from a clean sheet and then realize that this sort of thing is no longer needed
Winter Reliability Capacity Enhancements	Eastern Generation	AlphaGen supports this market project for the purpose of evaluating a prompt move to seasonal CAF calculations.
Winter Fuel Constraint Study	NYS Department of State Utility Intervention Unit	Should performed regularly on a 2- or 3-year cycle as a regular input in understanding winter reliability exposure.
Winter Fuel Constraint Study	Ravenswood Operations, LLC	The amount of natural gas that is available for generation under high winter load (cold temperature) conditions and the degree to which existing dual fuel capability plays an important complement to that generation are critical elements to determining various reliability product needs which must be assessed taking locational constraints into account. More analysis of sensitivities and modeling is necessary to ensure proper and adequate resources are signaled for service. Past performance and experience can also provide valuable information with respect to meeting needs during natural gas constraints.

Stakeholder Comments

Project	Organization	Comment
Please enter any additional comments below:	Covanta Niagara, LP	NYISO has more surveys than any organization or entity that I deal with. This has an impact on my completing my normal job. Your email box flooding with repeated requests to take the survey doesn't help either. There are surveys every time I call NYISO. This discourages me from calling NYISO. In my opinion, NYISO stands for New York Independant Survey Organization.
Please enter any additional comments below:	CPV Valley, LLC	It feels like many of these are very interrelated (#s 3,4,6) which really all seek to address the overall efficacy of the existing market design in the face of the transition in the generating fleet. I am sure a few others fit into that scope as well. Is there a way to create the longer work plan?
Please enter any additional comments below:	Ravenswood Operations, LLC	Overall, any project that is progressed and ultimately implemented should be a coordinated and measured change to improve and make the markets more efficient. Changes should not cause excessive uncertainty, volatility or risk. Significant investment is needed for the transition and added risk will unnecessarily increase costs to customers and chill investments in new and existing needed resources.
Please enter any additional comments below:	Valcour Wind Energy, LLC	AES suggests certain projects and potentially additional projects be considered as mandatory instead of subject to stakeholder voting. Projects that are vital to reliability or the market, for example should be part of NYISO's regular processes.
Please enter any additional comments below:	Richard P. Felak	When the NYISO was first being created it was incumbent on the process to make sure that all aspects of the tariff were resource agnostic. However, this necessity was swept away by the emergence of mindless "compromises" and so now all hands are scrambling to bring about a tariff that will somehow stay above water in a CLPCA world. The aspiration is a laudable one but its ultimate success (or not) is still TBD

Stakeholder Comments

Project	Organization	Comment
Please provide any recommendations you may have for future enhancements to the Project Prioritization Process:	RWE Renewables Americas, LLC	Please allow more time to review and provide feedback in future prioritization surveys and do not time them around major holidays.
Please provide any recommendations you may have for future enhancements to the Project Prioritization Process:	Richard P. Felak	Please please please do not allow any possible taint of so-called AI to rear its ugly head at the NYISO.
Please provide any recommendations you may have for future enhancements to the Project Prioritization Process:	National Grid	Going forward, National Grid urges the NYISO to commit to sharing at least preliminary Market Design Concept Proposals for Market Projects in a given project year before stakeholders are asked to score the successor Market Project, Market Design Complete, for the subsequent project year.

High Priority Project Constraints and Options

High Priority Constraints - Stakeholder Scores

■ Capacity Market

- Resource constraints start to show up after including Winter Reliability Capacity Enhancements

■ New Resource

- Resource constraints start to show up after including Storage as Transmission

■ Energy Market

- Resource constraints start to show up after including Balancing Intermittency

■ Business Owner Teams

- Resource constraints start to show up after including Mandatory and Continuing projects

Score Comparison

Projects are ordered by Weighted Score

Product / Project	Product portfolio	NYISO Score (1-100)	NYISO Rank (All Projects)	NYISO Rank (Market Projects)	Weighted Score
Capacity Market Structure Review	Capacity Market	50	53	10	14.2
Engaging the Demand Side	New Resource	52	46	9	8.8
Balancing Intermittency	Energy Market	64	5	3	7.9
Winter Reliability Capacity Enhancements	Capacity Market	74	1	1	6.7
Valuing Transmission Security	Capacity Market	68	2	2	5.6
Storage as Transmission	New Resource	24	93	27	4.8
Winter Fuel Constraint Study	Capacity Market	54	34	6	4.7
Review of Real-Time Market Structure	Energy Market	38	83	20	4.3
Demand Curve Reset Process Evaluation	Capacity Market	54	34	6	4.2
Market Purchase Hub Transactions - Requested by LIPA	Energy Market	42	76	17	3.8
Improve Duct-Firing Modeling: Multiple Ramp Rates	Energy Market	42	76	17	3.7
Clean Hydrogen - Requested by NextEra and Constellation	New Resource	30	90	24	3.6
5 Minute Transaction Scheduling	Energy Market	30	90	24	3.5

Score Comparison

Projects are ordered by Weighted Score

Product / Project	Product portfolio	NYISO Score (1-100)	NYISO Rank (All Projects)	NYISO Rank (Market Projects)	Weighted Score
Engaging the Demand Side Phase 2	New Resource	38	83	20	3.5
Time Differentiated TCCs	TCC	44	74	16	3.4
Operating Reserves Performance	Energy Market	50	53	10	3.1
Demand Curve WSR Revisions (SOM)	Capacity Market	50	53	10	2.8
Advancing NYISO Transparency - Requested by DC Energy	Energy Market	26	92	26	2.3
Voltage Support Services for Inverter Based Resources (VSS-IBR)	Energy Market	50	53	10	2.3
Granular Capacity Market Pricing	Capacity Market	54	34	6	1.6
Ancillary Service Shortage Pricing	Energy Market	46	69	14	1.3
Billing Organization Portfolios for Reporting	Business & Finance	58	17	5	1.2
Eliminate Offline GT Pricing	Energy Market	46	69	14	0.8
Reserving Capacity for TCC Balance-of-Period (BOP) Auctions	TCC	34	88	23	0.8
Mitigation Threshold Review	Energy Market	42	76	17	0.6
Cost Recovery for NYISO-Designated IROL Critical Generators- Requested by Advanced Power	Energy Market	24	93	27	0.3
Review of Control Area System Resources	Capacity Market	60	12	4	0.2
Pivotal Supplier Calculation Enhancement	Capacity Market	38	83	20	0.1
Improved Small Customer Enrollment in DRIS - Requested by OhmConnect New Resource	New Resource	22	95	29	0.0

Potential Options being considered by the NYISO to Resolve Constraints

- Utilize consulting to extent possible
- Remove projects from consideration that had high NYISO score and lower stakeholder score
- Adjust proposed project commitments to reduce scope allowing for work on more projects at the same time
- Increase NYISO staff to support more projects
 - The NYISO will also be reallocating staff to support additional high appeal projects
- Options being discussed to resolve resource constraints need to be assessed for their impact on the overall NYISO budget

Potential Options - Updated 7/31

- Delay Hybrid Aggregation Model Deployment until 2026
- Modify Improve Duct Firing from Deploy to Development Complete, moving the deployment from Q4 2025 to Q1 2026
- Modify Balancing Intermittency from Deploy to Development Complete, moving the deployment from Q4 2025 to Q1 2026
- Modification of several Enterprise projects milestones to reduce scope in 2025

Historic Budgets

2025 Proposed Projects Compared to Historic Approved Budgets

Project Budget*	Estimated Cost (in millions)				Mandatory	Continuing
	Labor	Capital	Prof. Serv.	Total		
2025 Proposed Projects	34.17	15.79	20.47	70.44	7.64	9.31
2024 Approved	18.03	9.70	13.89	41.62	5.82	4.16
2023 Approved	13.74	9.72	8.51	31.98	5.58	10.37
2022 Approved	13.36	12.48	11.35	37.20	11.56	1.18
2021 Approved	11.58	5.92	9.02	26.52	7.58	14.15

Markets & Enterprise Budget Breakdown

Project Budget*	Markets Estimated Cost (in millions)				Mandatory	Continuing
	Labor	Capital	Prof. Serv.	Total		
2025 Proposed Projects	19.05	0.30	10.54	29.89	6.69	9.31
2024 Approved	8.62	0.05	8.12	16.79	5.53	4.16
2023 Approved	7.02	0.00	4.34	11.36	5.58	1.22
2022 Approved	7.79	0.10	7.52	15.41	11.56	1.18
2021 Approved	6.45	0.10	5.54	12.09	5.80	4.58

Project Budget*	Enterprise Estimated Cost (in millions)				Mandatory	Continuing
	Labor	Capital	Prof. Serv.	Total		
2025 Proposed Projects	15.12	15.49	9.93	40.54	0.95	0.00
2024 Approved	9.40	9.65	5.77	24.83	0.29	0.00
2023 Approved	6.72	9.72	4.18	20.62	0.00	9.15
2022 Approved	5.57	12.38	3.83	21.79	0.00	15.77
2021 Approved	5.13	5.82	3.49	14.44	1.77	9.57

Note: The NYISO did not have separate Market and Enterprise categories prior to 2020

Next Steps

Next Steps

- Review the NYISO's initial project budget recommendation at the August 13th BPWG meeting
- Review the NYISO's revised project budget recommendation at the August 27th BPWG meeting
- Contact Kevin Pytel or Member Relations for any Project Prioritization related issues
 - Send email to Kevin Pytel at kpytel@nyiso.com or call his cell at (518) 428-9528 for assistance

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?

Appendix

(Material from July 3rd BPWG)

Milestones and Project Prioritization Phases

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.

Project Prioritization Process

Phase	Description
Stakeholder Project Identification	Stakeholders may present project ideas at stakeholder meetings, sector meetings, get feedback and refine their proposal during this phase before the NYISO provides a comprehensive list of candidate projects for consideration.
Identification	The NYISO develops a Markets and Enterprise project candidate lists from regulatory obligations, strategic initiatives, State of the Market recommendations, infrastructure enhancements, product plans and stakeholder proposals. These are presented and further refined with stakeholder input during this phase.
Prioritization	This phase involves a stakeholder survey and the NYISO prioritization of projects. The stakeholder survey will facilitate an assessment of the relative priority of the topic within the portfolio and is used to determine stakeholder appeal. The NYISO prioritization incorporates the stakeholder appeal into objective criteria that reflects strategic alignment, expected outcomes, risks, and ability to execute in development of a priority score for each Market project.
Evaluation	This phase involves performing a feasibility assessment based on detailed cost and labor estimates, dependencies, priority scores, and stakeholder feedback.
Recommendation	This phase involves proposing a feasible set of project deliverables and related budget requirements. The proposal is refined as needed based on stakeholder feedback.

Project Type

Project Type	Description
Mandatory	Projects that are key to support Strategic Initiatives, FERC Orders, maintain reliable operations, or sustain the operation of the NYISO business. These projects will be included in the budget
Continuing	Approved in a prior year and have progressed to either Functional Requirements, Software Design, Development Complete, or Deployment. Additional projects may be classified as Continuing based on stakeholder feedback. These projects will be included in the budget. No Enterprise Projects will be Continuing.
Future	Consensus from stakeholder discussions of this projects priority relative to other projects has resulted in these projects NOT being prioritized and initiated in the coming budget year. Resources, time constraints, stakeholder feedback, and other project dependencies have been taken into consideration
Prioritize	Projects to be prioritized and included in the budget based on a feasibility assessment taking into consideration resources, time constraints, stakeholder feedback, priority score, and other project dependencies. Market projects are included in the stakeholder survey

Project Category

Project Category	Description
Enterprise	Includes internal-facing technology and back office support projects that have no market rule changes. This list includes projects that may be noticeable to Market Participants. These projects are NOT included in the stakeholder survey
Market	Projects associated with market rule(s) including market design and study projects as well as any project implementing market rule changes. These projects are included in the stakeholder survey unless they are Mandatory, Continuing, or Future

Project Scoring

Project Scoring	Description
NYISO Only	Enterprise projects that are not Mandatory, Continuing, or Future types are scored by the NYISO Only during the Prioritization phase. These projects are included in the budget based on a feasibility assessment taking into consideration resources, time constraints, priority score and other project dependencies.
Stakeholder Scored	Market projects that are not Mandatory, Continuing, or Future are included in the stakeholder survey and scored by the NYISO during the Prioritization phase. These projects are included in the budget based on a feasibility assessment taking into consideration resources, time constraints, stakeholder feedback, priority score, and other project dependencies.

2025 Market Project Candidates

Prioritize 2025 Market Projects

						Estimated Cost (in millions)			
Item	Project	Product Area	Project Type	2025 Proposed Deliverable	2024 Deliverable	Labor	Capital	Prof. Serv.	Total
1	5 Minute Transaction Scheduling	Energy Market	Prioritize	Market Design Complete	Market Design Concept Proposed	0.42	0.00	0.25	0.67
2	Advancing NYISO Transparency - Requested by DC Energy	Energy Market	Prioritize	Deployment		0.51	0.00	0.43	0.94
3	Ancillary Service Shortage Pricing	Energy Market	Prioritize	Study Complete		0.29	0.00	0.15	0.44
4	Balancing Intermittency	Energy Market	Prioritize	Deployment	Market Design Complete	0.62	0.00	0.35	0.97
5	Billing Organization Portfolios for Reporting	Business & Finance	Prioritize	Deployment	Market Design Complete	0.22	0.00	0.10	0.32
6	Capacity Market Structure Review	Capacity Market	Prioritize	Issue Discovery		0.52	0.00	1.00	1.52
7	Clean Hydrogen - Requested by NextEra and Constellation	New Resource	Prioritize	Market Design Complete		0.32	0.00	0.10	0.42

Prioritize 2025 Market Projects

						Estimated Cost (in millions)			
Item	Project	Product Area	Project Type	2025 Proposed Deliverable	2024 Deliverable	Labor	Capital	Prof. Serv.	Total
8	Cost Recovery for NYISO-Designated IROL Critical Generators Requested by Advanced Power	Energy Market	Prioritize	Market Design Complete		0.13	0.00	0.00	0.13
9	Demand Curve Reset Process Evaluation	Capacity Market	Prioritize	Issue Discovery		0.20	0.00	0.40	0.60
10	Demand Curve WSR Revisions (SOM)	Capacity Market	Prioritize	Market Design Concept Proposed		0.09	0.00	0.00	0.09
11	Eliminate Offline GT Pricing	Energy Market	Prioritize	Functional Requirements		0.19	0.00	0.35	0.54
12	Engaging the Demand Side	New Resource	Prioritize	Deployment		0.35	0.00	0.00	0.35
13	Engaging the Demand Side Phase 2	New Resource	Prioritize	Study Defined		0.09	0.00	0.40	0.49
14	Granular Capacity Market Pricing	Capacity Market	Prioritize	Study Defined	Issue Discovery	0.28	0.00	0.00	0.28

Prioritize 2025 Market Projects

						Estimated Cost (in millions)			
Item	Project	Product Area	Project Type	2025 Proposed Deliverable	2024 Deliverable	Labor	Capital	Prof. Serv.	Total
15	Improve Duct-Firing Modeling: Multiple Ramp Rates	Energy Market	Prioritize	Study Defined		0.10	0.00	0.30	0.40
16	Improved Small Customer Enrollment in DRIS - Requested by OhmConnect	New Resource	Prioritize	Market Design Complete		0.10	0.00	0.00	0.10
17	Market Purchase Hub Transactions – Requested by LIPA	Energy Market	Prioritize	Functional Requirements	Market Design Concept Proposed	0.19	0.00	0.05	0.24
18	Mitigation Threshold Review	Energy Market	Prioritize	Market Design Concept Proposed		0.12	0.00	0.00	0.12
19	Operating Reserves Performance	Energy Market	Prioritize	Software Design	Market Design Concept Proposed	0.32	0.00	0.00	0.32
20	Pivotal Supplier Calculation Enhancement	Capacity Market	Prioritize	Market Design Concept Proposed		0.10	0.00	0.00	0.10
21	Reserving Capacity for TCC Balance-of-Period (BOP) Auctions	TCC	Prioritize	Software Design		0.54	0.00	0.00	0.54

Note: Items in red are changed or new since last BPWG meeting

Prioritize 2025 Market Projects

						Estimated Cost (in millions)			
Item	Project	Product Area	Project Type	2025 Proposed Deliverable	2024 Deliverable	Labor	Capital	Prof. Serv.	Total
22	Review of Control Area System Resources	Capacity Market	Prioritize	Market Design Concept Proposed		0.14	0.00	0.00	0.14
23	Review of Real-Time Market Structure	Energy Market	Prioritize	Issue Discovery		0.29	0.00	0.15	0.44
24	Storage as Transmission	New Resource	Prioritize	Market Design Complete		0.34	0.00	0.10	0.44
25	Time Differentiated TCCs	TCC	Prioritize	Market Design Complete		0.43	0.00	0.15	0.58
26	Valuing Transmission Security	Capacity Market	Prioritize	Market Design Complete	Issue Discovery	0.43	0.00	0.30	0.73
27	Voltage Support Service for Inverter Based Resources (VSS-IBR)	Energy Market	Prioritize	Market Design Concept Proposed		0.13	0.00	0.20	0.33
28	Winter Reliability Capacity Enhancements	Capacity Market	Prioritize	Market Design Complete	Issue Discovery	0.49	0.00	0.30	0.79
29	Winter Fuel Constraint Study	Capacity Market	Prioritize	Study Complete		0.23	0.00	0.50	0.73

Mandatory 2025 Market Projects

Item	Project	Product Area	Project Type	2025 Proposed Deliverable	2024 Deliverable	Estimated Cost (in millions)			
						Labor	Capital	Prof. Serv.	Total
30	Ambient Adjusted Transmission Lines Rating	Energy Market	Mandatory	Study Complete		0.19	0.00	0.00	0.19
31	Coordinated Grid Planning Process (CGPP)	Planning	Mandatory	Study Complete	Study Defined	0.41	0.25	0.20	0.86
32	Demand Curve Reset	Capacity Market	Mandatory	Deployment	Study Complete	0.08	0.00	0.20	0.28
33	FERC Order 2222 Compliance	New Resource	Mandatory	Software Design	Functional Requirements	0.59	0.00	0.10	0.69
34	FERC Transmission Planning Order Implementation	Planning	Mandatory	Issue Discovery		0.75	0.00	0.30	1.05
35	Interconnection Cluster Study Process Implementation	Planning	Mandatory	Deployment	Deployment	0.79	0.05	0.57	1.42
36	Dover PAR Operating Protocol with ISO-NE	Energy Market	Mandatory	Deployment		0.08	0.00	0.00	0.08
37	NYC Public Policy Transmission Need	Planning	Mandatory	Study Complete		1.92	0.00	0.20	2.12

Note: Items in red are changed or new since last BPWG meeting

Continuing 2025 Market Projects

						Estimated Cost (in millions)			
Item	Project	Product Area	Project Type	2025 Proposed Deliverable	2024 Deliverable	Labor	Capital	Prof. Serv.	Total
38	CRIS Expiration Evaluation	Capacity Market	Continuing	Deployment	Development Complete	0.18	0.00	0.00	0.18
39	Dynamic Reserves - Phase 1	Energy Market	Continuing	Software Design	Functional Requirements	1.17	0.00	1.00	2.17
40	Hybrid Aggregation Model	New Resource	Continuing	Deployment	Deployment	2.15	0.00	0.34	2.48
41	Improve Duct-Firing Modeling	Energy Market	Continuing	Deployment	Functional Requirements	0.51	0.00	0.60	1.11
42	Integrating Champlain Hudson Power Express (CHPE)	New Resource	Continuing	Development Complete	Study Complete	0.88	0.00	0.50	1.38
43	Internal Controllable Lines	New Resource	Continuing	Software Design	Functional Requirements	0.80	0.00	0.35	1.15
44	LCR Optimizer Enhancements	Capacity Market	Continuing	Deployment		0.14	0.00	0.20	0.34
45	Dyanmic Reserves - Review Operating Reserve Supplier Cost Recovery	Energy Market	Continuing	Market Design Concept Proposed		0.20	0.00	0.20	0.40

Future 2025 Market Projects

						Estimated Cost (in millions)			
Item	Project	Product Area	Project Type	2025 Proposed Deliverable	2024 Deliverable	Labor	Capital	Prof. Serv.	Total
46	Balancing Intermittency Phase 2: Long Lead Time Reserves	Energy Market	Future						
47	Balancing Intermittency Phase 3: Evaluation of Efficient Operating Reserve Scheduling Practices and Designs	Energy Market	Future						
48	Capacity Transfer Rights for Internal Transmission Upgrades	Capacity Market	Future						
49	Uncertainty Adjustment Review	Energy Market	Future						
50	Eliminate Fees for CTS Transactions with PJM	Energy Market	Future						
51	Locational Marginal Pricing of Capacity	Capacity Market	Future						

Future 2025 Market Projects

Item	Project	Product Area	Project Type	2025 Proposed Deliverable	2024 Deliverable	Estimated Cost (in millions)			
						Labor	Capital	Prof. Serv.	Total
52	Long Island PAR Optimization and Financial Rights	Energy Market	Future						
53	More Granular Operating Reserves	Energy Market	Future						
54	M2M West PARs	Energy Market	Future						
55	Reserves for Congestion Management (SOM)	Energy Market	Future						
56	Separating Up and Down Regulation Service	Energy Market	Future						

NYISO Scores & High Priority Project Constraints

NYISO Scores

Item	Project	Product Area	Strategy	Operational or Market Issue	Cost & Complexity	NYISO Score	Rank (All Projects)
			4	4	2	NYISO Score	
28	Winter Reliability Capacity Enhancements	Capacity Market	8.0	8.0	5.0	74	1
26	Valuing Transmission Security	Capacity Market	7.0	8.0	4.0	68	2
4	Balancing Intermittency	Energy Market	7.0	6.0	6.0	64	5
22	Review of Control Area System Resources	Capacity Market	6.0	6.0	6.0	60	12
5	Billing Organization Portfolios for Reporting	Business & Finance	5.0	6.0	7.0	58	17
9	Demand Curve Reset Process Evaluation	Capacity Market	7.0	3.0	7.0	54	34
14	Granular Capacity Market Pricing	Capacity Market	8.0	5.0	1.0	54	34

NYISO Scores

Item	Project	Product Area	Strategy	Operational or Market Issue	Cost & Complexity	NYISO Score	Rank (All Projects)
			4	4	2	NYISO Score	
12	Engaging the Demand Side	New Resource	5.0	4.0	8.0	52	46
6	Capacity Market Structure Review	Capacity Market	5.0	5.0	5.0	50	53
10	Demand Curve WSR Revisions (SOM)	Capacity Market	6.0	3.0	7.0	50	53
19	Operating Reserves Performance	Energy Market	5.0	5.0	5.0	50	53
27	Voltage Support Service for Inverter Based Resources (VSS-IBR)	Energy Market	5.0	5.0	5.0	50	53
3	Ancillary Service Shortage Pricing	Energy Market	7.0	3.0	3.0	46	69
11	Eliminate Offline GT Pricing	Energy Market	3.0	7.0	3.0	46	69

NYISO Scores

Item	Project	Product Area	Strategy	Operational or Market Issue	Cost & Complexity	NYISO Score	Rank (All Projects)
			4	4	2	NYISO Score	
25	Time Differentiated TCCs	TCC	5.0	4.0	4.0	44	74
15	Improve Duct-Firing Modeling: Multiple Ramp Rates	Energy Market	3.0	6.0	3.0	42	76
17	Market Purchase Hub Transactions – Requested by LIPA	Energy Market	3.0	5.0	5.0	42	76
18	Mitigation Threshold Review	Energy Market	3.0	3.0	9.0	42	76
13	Engaging the Demand Side Phase 2	New Resource	6.0	2.0	3.0	38	83
20	Pivotal Supplier Calculation Enhancement	Capacity Market	3.0	3.0	7.0	38	83
23	Review of Real-Time Market Structure	Energy Market	8.0	1.0	1.0	38	83

NYISO Scores

Item	Project	Product Area	Strategy	Operational or Market Issue	Cost & Complexity	NYISO Score	Rank (All Projects)
			4	4	2	NYISO Score	
21	Reserving Capacity for TCC Balance-of-Period (BOP) Auctions	TCC	3.0	5.0	1.0	34	88
1	5 Minute Transaction Scheduling	Energy Market	4.0	3.0	1.0	30	90
7	Clean Hydrogen - Requested by NextEra and Constellation	New Resource	3.0	1.0	7.0	30	90
2	Advancing NYISO Transparency - Requested by DC Energy	Energy Market	3.0	1.0	5.0	26	92
8	Cost Recovery for NYISO-Designated IROL Critical Generators - Requested by Advanced Power	Energy Market	1.0	1.0	8.0	24	93
24	Storage as Transmission	New Resource	3.0	2.0	2.0	24	93
16	Improved Small Customer Enrollment in DRIS - Requested by OhmConnect	New Resource	1.0	1.0	7.0	22	95

High Priority Project Constraints

- **Capacity Market and New Resource Team**
 - Resource constraints start to show up after including Demand Curve Reset Process Evaluation and Granular Capacity Market Pricing
- **Energy Market Team**
 - Resource constraints start to show up after including Balancing Intermittency
- **Business Owner Teams**
 - Resource constraints start to show up after including Mandatory and Continuing projects
- **The NYISO is continuing to evaluate these resource constraints and looks forward to more insights from the Stakeholder Survey**