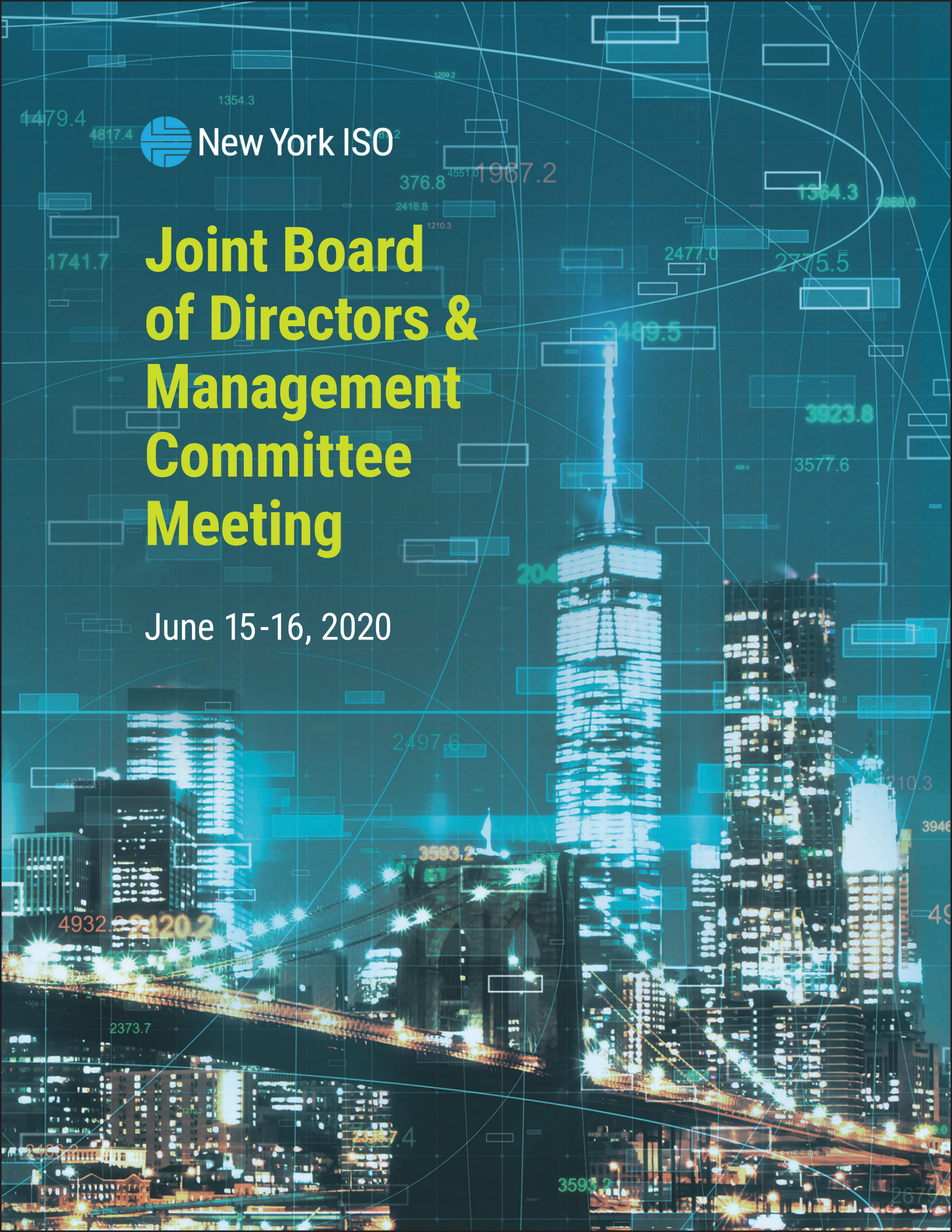




Joint Board of Directors & Management Committee Meeting

June 15-16, 2020



Welcome to the 2020 Joint Board of Directors/Management Committee Meeting. Though for the first time we are meeting virtually, we are committed to building upon a proud tradition of stakeholder engagement.

It cannot be overstated — COVID-19 has reshaped our world and altered our economy. One thing has remained constant, however: the NYISO's commitment to reliability and the needs of a changing grid.

In response to the pandemic threat, we moved quickly in March to sequester our control room staff onsite to ensure continued reliability of the system. We also transformed into a fully functioning work-from-home business while striving to maintain our commitment to our priorities and engagement with stakeholders in our shared governance process.

Moving forward, as with previous Joint Board/MC meetings, your engagement over the coming days plays a critical role in the success of the NYISO's strategic planning process. Our two discussion topics, *Navigating Uncharted Territory* and *A Grid In Transition*, speak to the challenges and opportunities before us as we consider the operations, system planning, and market design enhancements that may be needed for our grid in transition.

As public policy continues to play a vital role in shaping our grid, and we strive to recover from the pandemic, the strategic choices we make to shape our grid are more important for achieving our future success. Our carbon pricing proposal, for instance, can provide an essential investment signal necessary to benefit both our human and our economic health.

Now more than ever, our collaboration with all of our stakeholders and market participants is essential to paving the way through this period of great change. We remain confident that our shared governance process can lead the way with efficient market designs and effective planning strategies to serve consumers well into the future. This meeting will play a vital role in planning our strategy for the next five years. I look forward to working with you over these next couple of days, and throughout the year.

Sincerely,

Rich Dewey

President & CEO



RICH DEWEY
PRESIDENT & CEO

PURPOSE & FORMAT

The purpose of the meeting is to provide a forum for the New York Independent System Operator’s (NYISO) Board of Directors and Stakeholders to engage in dialogue on emerging topic areas. Strategic feedback received during the meeting is intended to be incorporated in the NYISO’s strategic plan.

The breakout session of the meeting is designed to encourage greater board member and Stakeholder engagement by hosting group discussions, while also incorporating a discussion summary and question and answer period with the greater audience on day two.

Meeting attendees will discuss each identified topic amongst their breakout session for 45-minutes. Upon concluding the topic discussions, NYISO board members and Stakeholders will caucus separately to summarize their observations, to be reported out at the following morning’s session with the larger group.

The topics chosen for this year’s meeting were determined by a consensus of the Committee Chairs and Vice Chairs working in concert with Stakeholders. The NYISO has worked collaboratively with the Committee Chairs to develop briefing materials, provided later in this booklet, to assist in facilitating a robust discussion. The discussion topics for this year’s meeting are:

- **Topic 1: Navigating Uncharted Territory**
- **Topic 2: A Grid In Transition**

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MEETING SCHEDULE

MONDAY, JUNE 15:

SESSION 1 - (8:15 a.m. - 12:00 p.m.)

08:15 a.m. – 08:30 a.m.	Pre Login to the Webex Meeting - General Session (Webex link in calendar invite)
08:30 a.m. – 08:45 a.m.	Commencement of General Session - Opening Comments / Rich Dewey, Dan Hill, Jane Quin and Mark Seibert (Emcee)
08:45 a.m. – 09:00 a.m.	Pre Login to the Webex Meeting - Breakout Session (Webex link in calendar invite)
09:00 a.m. – 10:30 a.m.	Commencement of Breakout Sessions / Topic 1 & 2 (45-min each topic) (Webex link in calendar invite)
10:30 a.m. – 10:45 a.m.	Break
10:45 a.m. – 11:00 a.m.	Pre Login to the Webex Meeting - Caucus Session (Webex link in calendar invite)
11:00 a.m. – 12:00 p.m.	Commencement of Caucus Sessions (NYISO & Stakeholders caucus separately)
12:00 p.m.	End of Session 1

TUESDAY, JUNE 16:

SESSION 2 - (8:45a.m. - 12:00 p.m.)

08:45 a.m. – 09:00 a.m.	Pre Login to the Webex Meeting - Topic Discussion Summary Q & A (Webex link in calendar invite)
09:00 a.m. – 10:30 a.m.	Commencement of Topic Discussion Summary Q & A
10:30 a.m. – 10:40 a.m.	Closing Comments / Jane Quin, Rich Dewey, Dan Hill
10:40 a.m.	End of Session 2
10:40 a.m. – 11:00 a.m.	Break
11:00 a.m. – 12:00 p.m.	Management Committee Meeting

BEST PRACTICES FOR MEETING PARTICIPATION

The Annual Joint Board of Directors & Management Committee Meeting will be conducted remotely using the Webex conferencing platform, providing the opportunity for participants to collaborate in a virtual setting. Attendees will receive calendar invitations containing an individual Webex link for each meeting segment.

Monday, June 15: Session 1 (Refer to 3 separate calendar invites / Webex links provided)

- 08:15 a.m. – 08:30 a.m. – Pre Login to Webex | General Session (see calendar invite)
- 08:45 a.m. – 09:00 a.m. – Pre Login to Webex | Breakout Session (see calendar invite)
- 10:45 a.m. – 11:00 p.m. – Pre Login to Webex | Caucus Session (see calendar invite)

Tuesday, June 16: Session 2 (Refer to 1 calendar invite / Webex link provided)

- 08:45 a.m. – 09:00 a.m. – Pre Login to Webex | Topic Discussion Summary Q & A
(see calendar invite)

Joining the Meeting

- Click on the meeting link in the calendar invite and log in with your full name and email, then click “join” to connect to the meeting.
- By default, your microphone and camera will be muted upon entry.

To enable video, click the red video button (recommended)

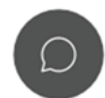


To enable (mic) audio, click the red microphone button
(line should remain muted when not speaking)



Have a Question - Use the Webex Chat Feature

■ Attendees will be directed to use the chat feature to ask a question during the General Session on Monday and the Topic Discussion Summary Q & A on Tuesday by typing a “?” in the chat window, select everyone and hit enter. Questions will be placed into a queue and the host will call upon the participant to state their question.



To Leave the Meeting

- Click on the file menu at the bottom of the screen, then select “leave.”



GENERAL MEETING INFORMATION

Technology & Support

- Webex conferencing with camera configuration
- Webex host (NYISO) will manage technology to ensure meeting efficiency
- Support will be provided to answer any technology questions that arise prior to or during the meeting

Session 1: (Monday, June 15 | 8:15 a.m. - 12:00 p.m.)

Pre Login to Meeting - General Session (Monday - 8:15 a.m. - 8:30 a.m.) - Login to Webex link provided

- All participants to login to the General Session
- All participants will receive a Webex link in a calendar invite in advance of the meeting

Commencement of General Session (8:30 a.m. - 8:45 a.m.)

- General session for all participants
- Opening comments from Rich Dewey, Dan Hill, Jane Quin and Mark Seibert (Emcee)
- NYISO Emcee will provide agenda overview, general instructions and answer questions

Pre Login to Meeting - Breakout Sessions (Monday 8:45 a.m. - 9:00 a.m.) - Login to Webex link provided

- All participants will receive a Webex link in a calendar invite in advance of the meeting

Commencement of Breakout Sessions (9:00 a.m. - 10:30 a.m.)

- 9 separate breakout sessions
- Breakout sessions to consist of 1 Board member, at least 1 Vice President/Senior Team member (as a liaison/reference for the Board member) and stakeholders

Discussion

- A stakeholder spokesperson will be identified in advance and will take notes/summarize their respective groups main points to be used by the stakeholders during the Caucus Session (see next page)
- Groups will engage in two 45-minute discussions on each topic. Board members will stay with the same group for both topics
- NYISO Vice Presidents/Senior Team member will take notes and summarize main points from the discussions to be used by the Board members during the caucus session (see next page)

Break (10:30 a.m. - 10:45 a.m.)

- Break for all participants

**Pre Login to Meeting - Caucus Session (Monday 10:45 a.m. - 11:00 a.m.) -
Login to Webex link provided**

- All participants will receive a Webex link in a calendar invite in advance of the meeting

Commencement of Caucus Session (11:00 a.m. - 12:00 p.m.)

- After discussions conclude on the two topics, Board members and Stakeholders will caucus privately in separate meetings via Webex / Camera to share observations and main points
- Main points will be summarized by the NYISO and stakeholders separately, Emilie Nelson will help facilitate the Board/NYISO caucus discussion and Jane Quin, Aaron Breidenbaugh and Mark Seibert will facilitate the caucus discussion with the stakeholders

Session 2: (Tuesday, June 16 | 8:45 a.m. - 10:40 a.m.)

**Pre Login to Meeting - Topic Discussion Summary Q & A (Tuesday - 8:45 a.m. - 9:00 a.m.) -
Login to Webex link provided**

- All participants to login to the Topic Discussion Summary Q&A
- All participants will receive the Webex link in a calendar invite in advance of the meeting

Commencement of Topic Discussion Summary Q & A (9:00 a.m. - 10:30 a.m.)

- Topic Discussion Summary Q & A for all participants
- Summary of stakeholder main points to be presented by Jane Quin (Con Ed) and Aaron Breidenbaugh (Luthin Associates), Emilie Nelson will present the NYISO key main points followed by open Q & A on the discussion material
- Participants will be able to ask questions within Webex, questions will be placed in a queue format to keep meeting running efficiently
- NYISO hosts will help facilitate Q & A session

Closing Comments (10:30 a.m. - 10:40 a.m.)

- Closing Comments: Jane Quin, Rich Dewey, and Dan Hill

BREAKOUT SESSION ASSIGNMENTS

Breakout Session 1

Topic 1 & 2: Dan Hill, NYISO Board

Sector	B/O Session	First Name	Last Name	Organization
BOARD	1	Dan	Hill	NYISO Board
NYISO	1	Emilie	Nelson	NYISO
NYISO	1	Gary	Davidson	NYISO
EU	1	Mike	Mager	Couch White, LLP
FERC	1	Gary	Will	FERC
Gen	1	Brett	Kruse	Calpine
MMU	1	Pallas	LeeVanSchaick	Potomac Economics
OS	1	Chris	LaRoe	Brookfield Renewables
OS	1	Alan	Ackerman	Customized Energy Solutions
PPE	1	Chris	Wentlent	MEUA NYMPA
PSC	1	Bill	Heinrich	PSC
TO	1	Stu	Caplan	Troutman Sanders

Breakout Session 2

Topic 1 & 2: Ave Bie, NYISO Board

Sector	B/O Session	First Name	Last Name	Organization
BOARD	2	Ave	Bie	NYISO Board
NYISO	2	Mike	DeSocio	NYISO
NYISO	2	Rob	Fernandez	NYISO
EU	2	Marc	Montalvo	Daymark Energy Advisors
OS	2	Gavin	Donohue	IPPNY
FERC	2	Frank	Swigonski	FERC
GEN	2	Ellen	Allman	Bayonne Energy Center
OS	2	David	Applebaum	NextEra Energy
OS	2	Matt	Picardi	Shell
OS	2	Lawrence	Willick	LS Power
PPE	2	Kim	Harriman	NYPA
TO	2	Jane	Quin	Con Edison

Breakout Session 3

Topic 1 & 2: Mike Bemis, NYISO Board

Sector	B/O Session	First Name	Last Name	Organization
BOARD	3	Mike	Bemis	NYISO Board
NYISO	3	Rich	Dewey	NYISO
NYISO	3	Cheryl	Hussey	NYISO
FERC	3	Jason	Rhee	FERC
OS	3	Soria	Talbot	NextEra Energy
EU	3	Erin	Hogan	NYS UIU
Gen	3	Julia	Popova	NRG
OS	3	Liam	Baker	Eastern Generation
OS	3	Greg	Geller	ENEL X
OS	3	Mark	Younger	Hudson Energy Economics
PPE	3	Andy	Antinori	NYPA
TO	3	Dana	Lazarus	Con Edison

Breakout Session 4

Topic 1 & 2: James Mahoney, NYISO Board

Sector	B/O Session	First Name	Last Name	Organization
BOARD	4	James	Mahoney	NYISO Board
NYISO	4	Kevin	Lanahan	NYISO
NYISO	4	Rick	Gonzales	NYISO
EU	4	Aaron	Breidenbaugh	Luthin Associates
FERC	4	Daniel	Nowak	FERC
Gen	4	Thomas	Gray	Danskammer
OS	4	Bruce	Bleiweis	DC Energy
OS	4	Joel	Gordon	PSEG
PPE	4	Cullen	Howe	Natural Resources Defense Council
OS	4	Valerie	Straus	AEA
TO	4	Chris	Hargett	Con Edison
OS	4	Adam	Camp	New York Transco
EU	4	Susanne	DesRoches	City of New York

Breakout Session 5

Topic 1 & 2: Mark Lynch, NYISO Board

Sector	B/O Session	First Name	Last Name	Organization
BOARD	5	Mark	Lynch	NYISO Board
NYISO	5	Rana	Mukerji	NYISO
NYISO	5	Karen	Gach	NYISO
EU	5	Candace	Jaunzemis	Occidental Oil & Gas
OS	5	John	Reese	Eastern Generation
FERC	5	John	Miller	FERC
Gen	5	Daniel	Pierpont	Competitive Power Ventures
NV	5	Mark	Reeder	Alliance for Clean Energy NY
OS	5	Ruben	Brown	E-Cubed
OS	5	Scott	Leuthauser	HQUS
PPE	5	Justin	Driscoll	NYPA
TO	5	Margaret	Janzen	National Grid

Breakout Session 6

Topic 1 & 2: Roger Kelley, NYISO Board

Sector	B/O Session	First Name	Last Name	Organization
BOARD	6	Roger	Kelley	NYISO Board
NYISO	6	Doug	Chapman	NYISO
NYISO	6	Ray	Stalter	NYISO
FERC	6	Kurt	Longo	FERC
NV	6	Mike	Kramek	Boston Energy Trading and Marketing
OS	6	Matthew	Schwall	IPPNY
TO	6	John	Borchert	Central Hudson
OS	6	Matt	Cinadr	Energy Spectrum
OS	6	Norman	Mah	Con Edison Solutions
PPE	6	Glenn	Haake	NYPA
TO	6	Patti	Caletka	NYSEG
TO	6	Joel	Yu	Con Edison

Breakout Session 7

Topic 1 & 2: Tom Ryan, NYISO Board

Sector	B/O Session	First Name	Last Name	Organization
BOARD	7	Tom	Ryan	NYISO Board
NYISO	7	Shaun	Johnson	NYISO
NYISO	7	Wes	Yeomans	NYISO
EU	7	Seth	Berkman	NYC Mayor's Office
FERC	7	Hiruy	Hadgu	FERC
GEN	7	Doreen	Saia	Entergy
NV	7	Rich	Felak	Rich Felak
OS	7	Steve	Gibelli	NextEra Energy
OS	7	Rick	Mancini	Customized Energy Solutions
TO	7	Brian	Wilkie	National Grid
GUEST	7	Bill	Flynn	Harris Beach
GEN	7	James	D'Andrea	LS Power
EU	7	Amanda	De Vito Trinsey	Couch White, LLP

Breakout Session 8

Topic 1 & 2: David Hill, NYISO Board

Sector	B/O Session	First Name	Last Name	Organization
BOARD	8	David	Hill	NYISO Board
NYISO	8	Kevin	Jones	NYISO/Hunton
NYISO	8	Robb	Pike	NYISO
FERC	8	Scotiana	Bennett	FERC
NV	8	Robert	Cundiff	AEP
Gen	8	Rich	Barlette	Exelon
OS	8	Peter	Dotson-Westphalen	CPower Energy Management
OS	8	Matthieu	Plante	H.Q. Energy Services (U.S.) Inc.
PPE	8	Tom	Rudebusch	Duncan, Weinberg, Genzer & Pembroke
TO	8	Rick	Brophy	NYSEG
GUEST	8	John	McManus	Harris Beach
TO	8	Susan	Lofrumento	Con Edison

Breakout Session 9

Topic 1 & 2: Teresa Marrinan, NYISO Board

Sector	B/O Session	First Name	Last Name	Organization
BOARD	9	Teresa	Marrinan	NYISO Board
NYISO	9	Tariq	Niazi	NYISO
NYISO	9	Zach	Smith	NYISO
NV	9	Sarah	Bresolin	ENGIE North America Inc.
EU	9	Kevin	Lang	Couch White, LLP
OS	9	David	Ahrens	Energy Spectrum
OS	9	Neal	Fitch	NRG
TO	9	Jessica	Lynch	Troutman Sanders
TO	9	Mayer	Sasson	Con Edison
GUEST	9	Aubrey	Ohanian	Harris Beach
PPE	9	Christopher	Casey	Natural Resources Defense Council

DISCUSSION TOPICS

The topics chosen for this year's Joint Board/Management Committee meeting were determined by a consensus of the Committee Chairs and Vice Chairs.

- **Topic 1:** Navigating Uncharted Territory
- **Topic 2:** A Grid In Transition

Management Committee

- **Jane Quin**, Con Edison, Chair
- **Aaron Breidenbaugh**, Luthin & Associates, Vice Chair

Business Issue Committee

- **Chris Wentlent**, MEUA / NYMPA, Chair
- **Matt Schwall**, IPPNY, Vice Chair

Operating Committee

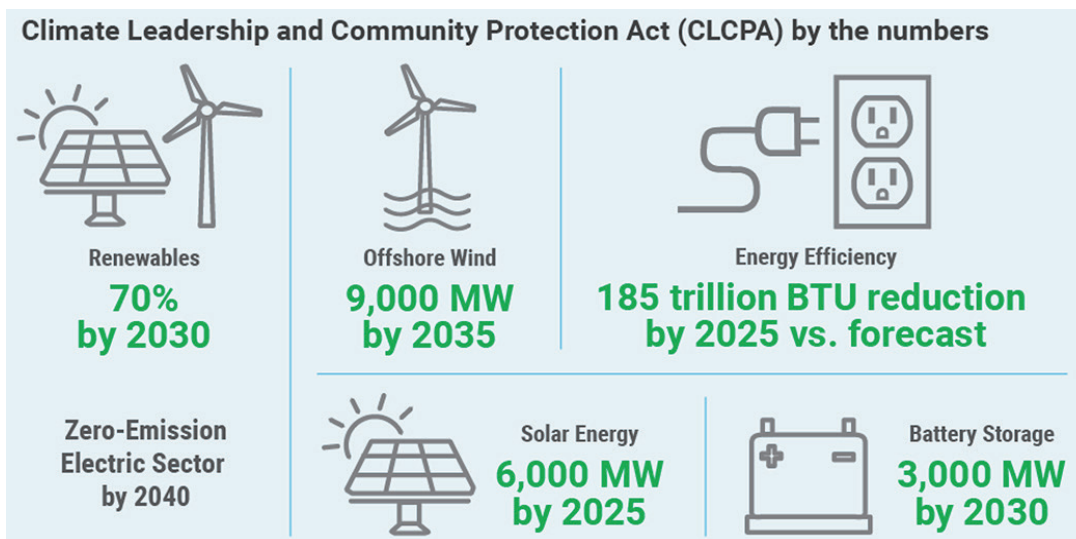
- **John Cordi**, New York Power Authority, Chair
- **Liam Baker**, Eastern Generation, Vice Chair

TOPIC BRIEFING MATERIAL

Background for Sessions

In a time of unprecedented change in the electricity sector, New York’s competitive electricity markets are facing challenges from enabling New York’s clean energy policies to managing business priorities during a worldwide pandemic. During these times, cost-effective and innovative energy solutions will be necessary for a reliable transformation towards a zero-emissions power grid. The transition is underway in New York State from a power grid where energy is largely produced by central-station fossil fuel generation, towards a grid with increased renewable intermittent resources and distributed generation.

The pace of this transition is driven primarily by state policy, notably New York’s Climate Leadership and Community Protection Act (CLCPA). In addition, technological advancements are expanding the capabilities of new resources and lowering their costs, further driving broader industry changes. In order to achieve the transformation anticipated, the NYISO, together with stakeholders, must provide the leadership to develop innovative products that allow wholesale markets, including energy, ancillary services and capacity, to serve the reliability requirements of New Yorkers while maximizing efficiency through this transition.



New York’s decarbonization policies are creating new challenges to meet NYISO’s mission to support a reliable and economically efficient New York electric system. These challenges cross many of NYISO’s responsibilities with respect to operating and planning New York’s electric system. The potential areas of future reliability gaps assuming a high level of intermittent and/or limited energy supply resources are expected to include:

1. Maintain Ability to Balance Load and Generation
2. Maintain Ten-Minute Operating Reserves
3. Maintain Total Thirty-Minute Operating Reserves
4. Maintain Ability to Meet Daily Energy Requirements
5. Maintain Reliable Transmission Operations
6. Maintain Black Start Capability
7. Maintain Voltage Support Capability
8. Maintain Frequency Response Capability
9. Maintain Resource Adequacy
10. Ability to Manage Supply Resource Outage Schedules

The central question arising for the NYISO is how the wholesale markets in New York can continue to provide the pricing and investment signals necessary to reflect system needs and to incent resources capable of resolving those needs. The key is to anticipate the needs for existing and new grid reliability services and proactively evolve the wholesale market design to balance the electric system to achieve reliability. To maximize the benefits of the new types of resources expected, the NYISO will leverage its expertise in developing and operating best-in-class wholesale electricity markets, to enhance its market structure to facilitate the reliable transition towards a renewable resource base.

The NYISO is actively working on market enhancements to meet these future challenges. A grid characterized by high levels of intermittent renewable resources and distributed generation will require new thinking. We approach this work with two guiding principles: (1) all aspects of grid reliability must be maintained; and (2) competitive markets should continue to maximize economic efficiency and minimize the cost of maintaining reliability while supporting the achievement of New York's climate policy codified in the CLCPA.

Wholesale markets are designed to attract and retain enough resources in the right locations to provide the needed reliability attributes; in the simplest terms to balance the supply and demand on the electric system. Within today's system there is a predominance of large-scale controllable resources that can be dispatched by operators to respond to system needs. In the grid of the future, where more intermittent resources are expected to interconnect to the grid, markets must incent sufficient resources to meet consumer demand, and also must attract controllable resources that will be necessary to balance varying supply from wind and solar. Furthermore, it is necessary to consider how markets can more explicitly recognize environmental attributes. The effort to develop carbon pricing within the energy market is an important initiative to align market signals with public policy. Properly enhancing market designs to reflect this paradigm shift in how the grid is to be operated will ensure consumers continue to benefit from competitive markets that deliver economically efficient energy supplies to reliably serve demand while also supporting achievement of policy goals.

Wholesale markets harness competitive forces to improve the economic efficiency of operations and investment, and encourage innovation. Asset owners who are most efficient will thrive in the market while lowering the costs of providing resources to consumers; those asset owners who have inefficient

resources or make poor investment decisions bear the consequences and exit the market without placing additional cost burden on consumers.

The NYISO supports reliability primarily through three complementary markets for energy, ancillary services, and capacity. Each addresses distinct reliability needs, and each provides competitive market pricing designed to meet reliability needs at an overall least-cost to consumers. NYISO’s markets are designed to provide pricing on a locational level in order to reflect the reliability needs of specific areas of the state. This locational pricing model minimizes overall costs while serving as an important investment signal for investors.

Together, energy, ancillary services, and capacity revenues, provide economic signals for new investment, retirement decisions, and participation by demand response providers. When the energy and ancillary services components decrease, the capacity market prices increase to allow for sufficient revenues for needed resources (new or existing). Thus, our current market design is structured to allow resources to compete to provide reliability services while maintaining revenue adequacy for needed resources (i.e., retain resources that are providing reliability value and incent entry of new resources to maintain specified reliability levels – Loss of Load Expectation of 1 event in 10 years). While the capacity market is designed to meet resource adequacy, the energy and ancillary services markets provide the primary incentive for units to perform in real time and respond to rapidly changing system conditions. Well-functioning markets create opportunities for all resources, new and existing, to compete.

The NYISO’s wholesale markets can continue to successfully fulfill the mission and goals of reliability and economic efficiency while also serving as an effective platform for achieving New York State environmental objectives. As such, the NYISO is actively engaging stakeholders and policymakers in developing plans to meet the future challenges expected to arise from a grid characterized with high levels of energy supply from intermittent renewables and DER.

While several efforts identified by the *Reliability and Market Considerations for a Grid in Transition* report are underway, the expectations on how the power system meets New York’s energy needs are changing and more will be need to be done to prepare for the change that is coming. These current initiatives, as well as future initiatives, must fit together coherently and efficiently in order to satisfy New York’s grid reliability needs. As technologies change and the asset mix evolves, continued assessment and on-going market improvements will need to occur to ensure the wholesale markets continue to meet the emerging reliability needs of the grid and benefit New Yorkers.

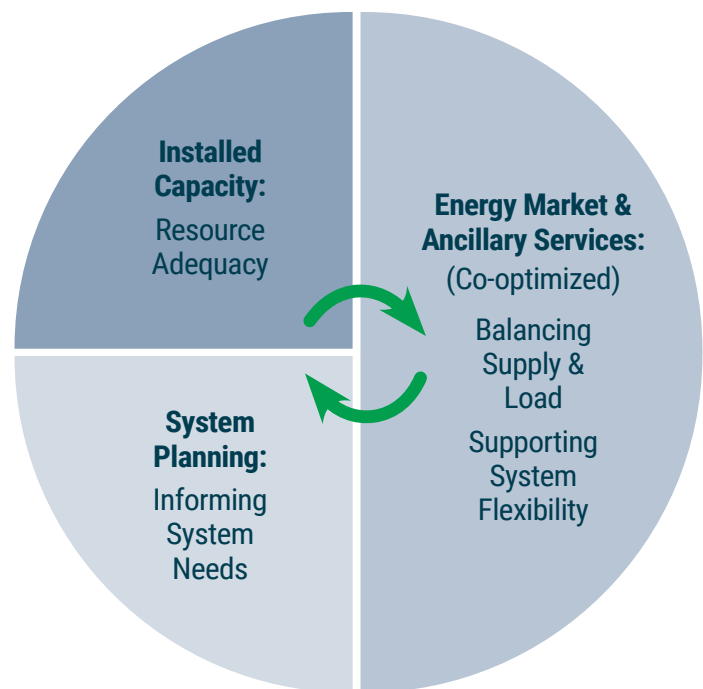
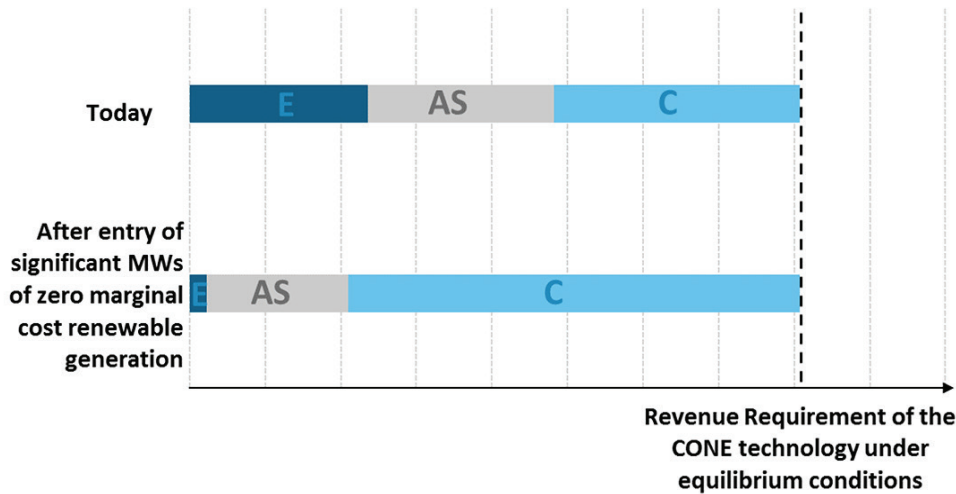


FIGURE 1: ILLUSTRATION OF THE EFFECT OF THE CHANGING RESOURCE MIX ON WHOLESALE MARKET REVENUES WITHOUT MARKET IMPROVEMENTS



The energy and ancillary services design enhancements will provide appropriate pricing signals for generating resources that are responsive to real time changes in system conditions. Quick start capability, ramping and load following are needed for a system comprised of a large percentage of intermittent resources. An approach that emphasizes energy and ancillary services products and market pricing that are reflective of system conditions and operational requirements is important for incenting those needed attributes.

The NYISO continues to see the implementation of carbon pricing as the most effective means to directly reflect the public policy goals with respect to evolving to a zero carbon future into the markets. Shortage pricing for energy and ancillary services is particularly important to provide incentives for generating units to respond to real-time needs and to signal investment. There is a need to create more granular operating reserve areas to provide targeted price signals by location for ancillary services (e.g., within New York City to provide more accurate price signals for units to carry reserves).

As highlighted by the New York Public Service Commission (PSC) in the Resource Adequacy proceeding, steps also need to be taken to enhance the capacity market. It is important to improve the resource adequacy models used to set the Installed Reserve Margin and Locational Capacity Requirements and better align compensation with performance given the changing power grid.

Notably, the NYISO's existing capacity market Buyer-Side Mitigation (BSM) rules require review in order to preserve competitive price signals and economically efficient market outcomes required to maintain system reliability and support the achievement of New York's climate policy codified in the CLCPA. To achieve this, the NYISO is engaged with stakeholders to conduct a comprehensive review of the BSM rules aimed at modifying NYISO market structures in a balanced manner that support the transitioning grid.

On one hand, there is a transformational shift in resources and potential for significant electrification of heating, transportation, and heavy industry, which necessitates addressing the impacts on the NYISO market design today. On the other hand, these are times of great uncertainty leading to re-evaluation of priorities and new opportunities.

Topic 1: Navigating Uncharted Territory

New York's wholesale electricity markets are impacted by many external factors, such as evolving energy policies, COVID-19 and changing financial market conditions. The goal of this session is to elicit feedback from stakeholders on the impact these factors are having on the wholesale electricity markets to help assess the types of adjustments the NYISO may need to consider for its priorities.

Table Discussion: Seed Questions

1. Considering the current situation that COVID-19 is creating and resulting economic environment within New York, are there NYISO initiatives that are no longer important? Are there NYISO initiatives that are more important now or new initiatives we should be considering to address changes that the various market segments might be facing? Why?
2. The tension between wholesale electricity markets and public policies continue to grow. Several states are investigating whether centralized capacity markets can fulfill clean energy policies of those states. How can the capacity market continue to support the reliability needs of the grid while enabling New York's clean energy policies? What role does the energy and ancillary service markets play in enabling these policies?
3. Given the changes envisioned by New York's energy policies and CLCPA, are the energy and ancillary service markets changes being contemplated bold enough to ensure the wholesale electricity market continues to ensure grid reliability? Why?

Topic 2: A Grid In Transition

The grid continues to face unprecedented changes to the supply mix with the development and deployment of large quantities of clean energy resources, much being driven by state policy. Building upon the ongoing Grid in Transition discussions, this session is to elicit feedback on concerns facing the wholesale electricity markets and how those markets can continue to ensure grid reliability over the next decade.

Table Discussion: Seed Questions

1. The wholesale markets must adapt to continue to support grid reliability as the fleet and dynamics of the grid change. What are the market conditions and risks that you are concerned about? Why? What can the NYISO be doing to address these concerns?
2. The NYISO is focused on making sure it provides independent, unbiased information on key issues facing the operation of the bulk electric system and wholesale electricity market. How can the studies and work that the NYISO is performing be more accessible and digestible for stakeholders to consume?
3. Does more need to be done to disseminate this information to policymakers, decision-makers and other stakeholders that do not participate in the working groups? If so, what additional actions are required?
4. What market changes should be pursued to ensure the wholesale electricity market continues to ensure grid reliability?
5. Carbon pricing continues to be an important initiative to the NYISO. Is there more that should be done to continue to move consideration of carbon pricing forward?

A SPECIAL THANKS TO THE 2020 NYISO COMMITTEE CHAIRS

The NYISO would like to give a special thanks to the committee and working group chairs for their outstanding leadership and dedication throughout the year. All governance members are welcome and encouraged to chair a future committee or working group.

Those interested in chairing a committee in 2021, please reach out to the Member Relations team.

MANAGEMENT COMMITTEE/WORKING GROUPS

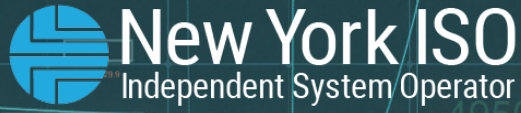
- **Management Committee:** Chairs: Jane Quin/Con Edison, Aaron Breidenbaugh/Luthin Associates
- **Budget & Priorities WG:** Alan Ackerman/Customized Energy Solutions
- **By-Laws Subcommittee:** Alan Ackerman/Customized Energy Solutions
- **Market Participant Audit Advisory Subcommittee:** Angela Gonzalez/New York Power Authority

BUSINESS ISSUES COMMITTEE/WORKING GROUPS

- **Business Issues Committee:** Chair: Chris Wentlent/MEUA/NYMPA
Vice Chair: Matt Schwall/Independent Power Producers of New York
- **Billing & Accounting & Credit WG:** Norman Mah/Con Edison Solutions
- **Electric System Planning WG:** Dan Mahoney/New York Power Authority
- **Installed Capacity WG:** Julia Popova/NRG
- **Load Forecasting TF:** Bryan Irrgang/Long Island Power Authority
- **Market Issues WG:** Matt Schwall/Independent Power Producers of New York
- **Price Responsive Load WG:** Peter Dotson-Westphalen/CPower

OPERATING COMMITTEE

- **Operating Committee:** Chair: John Cordi/NYPA
Vice Chair: Liam Baker/Eastern Generation
- **Communication Data Advisory Subcommittee:** Allan Berman/Long Island Power Authority
- **Electric Gas Coordination WG:** Liam Baker/Eastern Generation
- **Electric System Planning WG:** Dan Mahoney/New York Power Authority
- **Restoration Working Group:** Edwin Thompson/Con Edison
- **System Operations Advisory Subcommittee:** Matthew Antonio/National Grid
- **System Protection Advisory Subcommittee:** Leland Krumenacher/Central Hudson
- **Transmission Planning Advisory Subcommittee:** Scott Leuthauser/HQUS



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