
NYISO Business Issues Committee Meeting Minutes
March 17, 2021
10:00 a.m. – 10:10 a.m.

1. Introductions, Meeting Objectives, and Chairman's Report

Mr. Matt Schwall (IPPNY) called the meeting to order at 10:00 a.m. The members of the BIC identified themselves and attendance was recorded. A quorum was determined.

2. Draft February 10, 2021 BIC Minutes

There were no questions or comments regarding the draft minutes from the February 10, 2021 BIC meeting that were included as part of the meeting material.

Motion #1:

Motion to approve the February 10, 2021 BIC meeting minutes.

Motion passed unanimously.

3. Market Operations Report

Mr. Rana Mukerji (NYISO) reviewed the market operations report included with the meeting material. There were no questions or comments.

4. Working Group Updates

- Billing and Accounting and Credit Working Group: The group has not met since the last BIC meeting.
- Electric System Planning Working Group: The group has met three times since the last BIC meeting. The group met on February 11, 2021 and reviewed the draft report for the short-term assessment of reliability study for Q3 2020. On February 23, 2021, the group met and reviewed: (1) 2021 forecast updates including the economic outlook, behind-the-meter solar generation capacity and production, and the impacts of electric vehicle charging on energy and peak load forecasts; (2) a presentation by the New York Transmission Owners regarding cost recovery considerations for System Upgrade Facilities and System Deliverability Upgrades; (3) proposed revisions to the Reliability Planning Process Manual related to the implementation of the short-term reliability process; and (4) an update regarding the 2020-2021 Reliability Planning Process, including updates to the base case model since completion of the 2020 Reliability Needs Assessment. The group also met on March 1, 2021 and reviewed: (1) a presentation by LIPA regarding updates to its local transmission plan; and (2) a presentation by the New York Transmission Owners regarding cost recovery considerations for System Upgrade Facilities and System Deliverability Upgrades.
- Installed Capacity Working Group: The group has met three times since the last BIC meeting, including joint meetings with MIWG and/or PRLWG. On February 18, 2021, the group met and reviewed considerations for potential process improvements to the buyer-side Installed Capacity market mitigation evaluation procedures. The group met on February 25, 2021 and reviewed: (1) considerations for potential changes to the peak load hours utilized in allocating capacity requirements among Load Serving Entities; (2) considerations related to potential enhancements to the current methodologies for NYISO's determination of Locational Minimum Installed Capacity Requirements and the New York State Reliability Council's determination of the NYCA Minimum Installed Reserve Margin; and (3) an overview of the assumptions to be used in conducting evaluations pursuant to the buyer-side Installed Capacity market mitigation rules for affected units included in the Additional System Deliverability Upgrade study for New York City arising out of the Class Year 2019 study. The group also met on March 11, 2021 and reviewed: (1) considerations for potential enhancements to the current rules governing expiration and transfer of Capacity Resource Interconnection Service; and (2) considerations regarding the development of a participation model for aggregations of hybrid storage resources.
- Load Forecasting Task Force: The group has not met since the last BIC meeting.

- Market Issues Working Group: The group has met three times since the last BIC meeting, including joint meetings with ICAPWG and PRLWG. The group met on February 18, 2021 and reviewed data regarding the performance of reserve providers during audits and reserve pick-up events that occurred in the 2020 Summer Capability Period. On March 2, 2021, the group met and reviewed proposed enhancements to the rules addressing uneconomic overproduction of energy. The group also met on March 11, 2021 and reviewed: (1) an overview of the study to evaluate the provision of grid reliability services by renewable generation resources; and (2) considerations regarding the development of a participation model for aggregations of hybrid storage resources.
- Price Responsive Load Working Group: The group has met jointly with ICAPWG and/or MIWG three times since the last BIC meeting (i.e., February 18, 2021, February 25, 2021, and March 11, 2021). At each meeting, the group reviewed the agenda topics related to distributed energy resources, energy storage resources and/or the NYISO-administered demand response programs.

5. New Business

There was no new business.

Meeting adjourned at 10:10 a.m.

Business Issues Committee

March 17, 2021

Final Motions

Motion #1:

Motion to approve the February 10, 2021 BIC meeting minutes.

Motion passed unanimously.

New York Independent System Operator - Committee Membership

Business Issues Committee - March 17, 2021 - WebEx - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Astoria Energy LLC	Generation Owners	McCall, Chuck	Browne, Scott	Habib, Phillipe	Singer, Leonard						
Bayonne Energy Center, LLC	Generation Owners	Allman, Ellen	✓ Fromer, Howard								
Borrego Solar Systems, Inc.	Generation Owners	Delaney, Liz	Conway, Michael	Cox-Arslan, Kathryn	Brigandi, Michael						
CPV Valley LLC	Generation Owners	Jerke, Dan	Rumsey, Tom	Litchfield, Matt							
Calpine	Generation Owners	Kruse, Brett	Reitmeyer, Jay	Flumerfelt, John	Schleimer, Steve	✓ Schwall, Matthew					
Covanta Niagara, LP	Generation Owners	Burke, David	Abbott, Sharon								
Cricket Valley Energy Center	Generation Owners	Davis, Charles	Wallenstein, Arnold	Paryl, Ron							
Cypress Creek Renewables	Generation Owners	Kemp, Melissa	Eskew, Ollivia								
Danskammer Energy, LLC	Generation Owners	Reid, William	Cada, Eric								
EDP Renewables North America LLC	Generation Owners	Brodbeck, John	Loturco, Thomas	High, Jeremy	Priemer, Dustin	Zhang, Kathy					
East Coast Power, LLC	Generation Owners	McEachern, Ben	Marczewski, John	Franzetti, Paul	O'Brien, John	✓ Schwall, Matthew	Moore, Kyle				
Empire Generating Co, LLC	Generation Owners	Morris, Chandler	Maida, Jeff	Hudson, Daniel							
Entergy Nuclear Northeast	Generation Owners	Dell Orto, Ken	Saia, Doreen	Bergeron, John							
GlidePath Power Solutions LLC	Generation Owners	McKissack, Chris	Baur, Sean	Vickery, Chris	Labij, Denis	Braun, Gary					
Helix Ravenswood LLC	Generation Owners	D'Andrea, James	Kline, Marc	DiBari, Dominic	Galarneau, Kenneth						
Howard Wind LLC	Generation Owners	Smith, David	Brocks, Annette	Rohrbach, John							
Indeck Energy Services, Inc.	Generation Owners	Ferguson, Mike	✓ Younger, Mark								
Innovative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott								
Invenergy Energy Management LLC	Generation Owners	Bangston, Kaley	Goldstein, Michael	Orzel, Chris							
Key Capture Energy	Generation Owners	Goldwasser, Rachel	Musher, Daniel	Fitzgerald, Dan							
National Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe, Brian								
North East Offshore, LLC	Generation Owners	Reynolds, Melissa									
Selkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy									
Valcour Wind Energy LLC	Generation Owners	Sherman, Chris	Dowd, Robert	Vincent, Martin							
BJ Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
BP Energy Company	Other Suppliers	Ellis, Dean	Chintapalli, Raj	✓ Ackerman, Alan							
Brookfield Energy Marketing L.P.	Other Suppliers	✓ LaRoe, Chris	Talamo, Marco	Dziedzic, Tomasz	Madonna, Phil						
COI Energy Services, Inc.	Other Suppliers	Berrien, SaLisa	Rabinowitz, Jake								
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss, Gordon	Romine, Brad	Emmett, Robert							
Citigroup Energy Inc.	Other Suppliers	Gollomp, Jeffrey	Bisaria, Shikher								
Consolidated Edison Energy, Inc.	Other Suppliers	Mah, Norman	Dannels, Jeff								
Constellation New Energy	Other Suppliers	Barlette, Richard	Kirk, Steven								
Cross Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose								
DC Energy	Other Suppliers	Bleiweis, Bruce	Stevens, Andrew	Tate, Matthew	Milberg, Sadao	Feng, Fan					
DTE Energy	Other Suppliers	German, Robert	Pakela, Gregory								
Direct Energy Business Marketing, LLC	Other Suppliers	Newton, Jonathan	Carrier, Ron	Morris, Sandra							
Dynegy Marketing and Trade	Other Suppliers	Weinstein, Andrew	Allen, Sean								
ENEL X	Other Suppliers	Macrae, Michael	Geller, Greg								
ENGIE Energy Marketing NA, Inc.	Other Suppliers	Bresolin, Sarah	Levine, Jeffrey	Hawkins, Darin							
Eastern Generation	Other Suppliers	✓ Baker, Liam	Reese, John	✓ Younger, Mark	✓ Schwall, Matthew	Johnson, David	Wolcott, Tyler				
Energy Spectrum	Other Suppliers	David, Gary	Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland, William	Villegas, Cristina	Cinadr, Matt		
Energy Technology Savings Inc. d/b/a Logical Buildings	Other Suppliers	Hendler, Jeff	Ross, Valerie								
Exelon Generating Co. LLC	Other Suppliers	Barlette, Richard	Kirk, Steven								
Galt Power	Other Suppliers	Fernands, Rochelle	✓ Ackerman, Alan								
HQ Energy Services US	Other Suppliers	Plante, Matthieu	✓ Leuthauser, Scott	Guilbault, Louis	Bélanger, Frédéric						
Innoventive Power	Other Suppliers	Gruber, Craig	Halford, Steve								
Mercuria Energy America, Inc.	Other Suppliers	Davis, Andrew	✓ Younger, Mark	Frye, Samuel							
Morgan Stanley Capital Group, Inc.	Other Suppliers	Kochonies, Karen	Meditz, Alex	Grimes, Jordan							
NRG Power Marketing Inc.	Other Suppliers	Fitch, Neal	✓ Popova, Julia	Hsia, Jennifer	Cona, Lisa	Kranz, Bradley					
New York Transco	Other Suppliers	Mullin, Victor	Caso, Rob	Carrigan, Kathleen	Haering, Paul						
NextEra Energy	Other Suppliers	Applebaum, David	Talbot, Soria	Hollis, Gabriel							
Ontario Power Generation, Inc.	Other Suppliers	Lauritsen, Kim									
PSEG Energy Resource & Trade, LLC	Other Suppliers	Stallings, Eric	DePillo, Raymond	Cimino, David	Dillon, George						
Riverbay Corporation	Other Suppliers	Merola, Peter	Ellison, Noel								
Rodan Energy Solutions (USA) Inc.	Other Suppliers	Breidenbaugh, Aaron	Ingram, Rachel								
SESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt									
Stephentown Spindle, LLC	Other Suppliers	Streeter, Christopher									
Talen Energy	Other Suppliers	Toomey, Megan	Hohenshilt, Jennifer	Labella, Julie	Raggio, Debra						

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Viridity Energy, Inc.	Other Suppliers	Freifeld , Allen									
Vitol Inc.	Other Suppliers	Wadsworth , Joe	Conn , Averill	Kahn , Casey							
XO Energy NY, LP	Other Suppliers	Drangula , Carey	Thompson , Matthew	Hughes , Adam							
Central Hudson Gas & Electric Corp.	Transmission Owners	May , Jeff	✓Chan, Ting	Jolly , James	Delmar , Valerie						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	✓Hargett , Chris	✓Lazarus , Dana	Kiselev , Dimitry	Quin , Jane	Butterklee, Neil	LoFrumento , Susan				
National Grid	Transmission Owners	✓Janzen , Margaret	Lodemore , David	Wilkie , Brian							
New York State Electric & Gas (NYSEG)	Transmission Owners	✓Caletka, Patricia	✓Brophy , Richard	Lynch , Tim							
Orange & Rockland Utilities, Inc.	Transmission Owners										
Rochester Gas and Electric Corp.	Transmission Owners	✓Caletka, Patricia	✓Brophy , Richard	Lynch , Tim							
Alcoa, Inc.	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey , Amanda	Lang, Kevin						
IBM Corporation	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey , Amanda	Lang, Kevin						
Nucor Steel Auburn, Inc.	Large Consumer	Brew , James	Mackaronis , Chris	Baker , Laura	Briscar , Joseph						
Occidental Chemical Corp.	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey , Amanda	Lang, Kevin						
Wegmans Food Markets	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey , Amanda	Lang, Kevin						
Metropolitan Transportation Authority	Large Consumer Government Agency	Keller , David	Chou , Frances								
Association for Energy Affordability	Small Consumer	Strauss , Valerie	Hepinstall, David	Casey , Christopher							
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	Ewart , Sean	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda					
Fordham University	Small Consumer	Luthin, Catherine	Ewart , Sean	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda					
Memorial Sloan Kettering Cancer Center	Small Consumer	Luthin, Catherine	Ewart , Sean	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Ewart , Sean	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda					
New York University	Small Consumer	Luthin, Catherine	Ewart , Sean	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda					
Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Government Statewide Consumer Advocate	✓Hogan , Erin	Montalvo , Marc	Nyarko , Justice							
City of New York	Government Small Consumer and Retail Aggregate	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda							
NYS Energy Research & Dev. Authority	Government Small Consumer and Retail Aggregate	✓Hall , Christopher	Matteson , Schuyler	Zielinski , Andrew	Mas , Carl	Coup, David					
Long Island Power Authority	State Power Authorities	Clarke, Dave	Wilczek , Mariann								
New York Power Authority	State Power Authorities	✓Antinori , Andrew	Michaels , Alan	Cordi , John	Kane , James	Mahoney , Daniel					
Bath Electric, Gas & Water Systems	Municipalities and Coops	Bonacci , Erin	✓Wentlent, Chris	✓Cordeiro, Mark							
Freeport Electric	Municipalities and Coops	Livingston , Al	✓Rudebusch, Tom	Fiore , Chris							
Jamestown Board of Public Utilities	Municipalities and Coops	Sellstrom , Kris	Leathers, David	Allen , Cory	✓Rudebusch, Tom						
Lake Placid Village	Municipalities and Coops	Daby , Kimball	✓Wentlent, Chris	✓Cordeiro, Mark							
Municipal Commission of Boonville	Municipalities and Coops	Varner , Doug	✓Wentlent, Chris	✓Cordeiro, Mark							
Plattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	✓Wentlent, Chris	✓Cordeiro, Mark							
Village of Arcade	Municipalities and Coops	Kilburn, Larry	✓Wentlent, Chris	✓Cordeiro, Mark							
Village of Fairport	Municipalities and Coops	Hegarty , Matt	✓Wentlent, Chris	✓Cordeiro, Mark							
Village of Rockville Centre	Municipalities and Coops	Andreas , Philip	Valenzano , Michael	✓Rudebusch, Tom							
Village of Solvay	Municipalities and Coops	Hawksby , Joe	✓Wentlent, Chris	✓Cordeiro, Mark							
Village of Westfield	Municipalities and Coops	Thompson , Andrew	✓Wentlent, Chris	✓Cordeiro, Mark							
American Wind Energy Association	Environmental	Reynolds , Anne	Reeder , Mark	Fink , Sari	Tabak , Gabe	Grace , Gene					
Environmental Advocates	Environmental	Bambrick , Conor	Morris, Jackson								
Environmental Defense Fund	Environmental	Peress J., Naim	Stein , Elizabeth	Karas , Natalie	Murphy , Erin						
Natural Resources Defense Council	Environmental	Casey , Christopher	Howe , Cullen	Morris, Jackson	De Costanzo , Donna						
New York City Environmental Justice Alliance	Environmental	Garcia , Carlos	Bautista , Eddie								
PACE Energy & Climate Center	Environmental	Hart , Craig	Valova , Radina	Howe , Cullen							
Riverkeeper	Environmental	Webster , Richard	Morris, Jackson								
AES ES Holdings LLC	Non Voting	Hillman , Sharon	Kumaraswamy , Kiran								
Able Grid Energy Solutions, Inc.	Non Voting	Lines , Sam	Mills , Sara								
Acadia Center	Non Voting	Donovan , Deborah									
Alliance for Clean Energy New York	Non Voting	Reynolds , Anne	Reeder , Mark	Addepalli , Raj	Rabin , Kyle						
Anbaric Development Partners, LLC	Non Voting	Kosel , Howard	Sanderson , Bryan	Knobloch , Kevin	Bruno , Clarke						
Appian Way Energy Partners East, LLC	Non Voting	Levy , Tal	Klein , Abram	Shen , Dong	Westlund , John	Laich , Marcus					
Ardor Energy LLC	Non Voting	Breen , Erika									
Avangrid Renewables, Inc.	Non Voting	Kilgallen , Kevin	Sokolski , Adam								
Bakerstand Solar, LLC	Non Voting	Caplan , Michael									
Boston Energy Marketing & Trading	Non Voting	✓Kramek , Mike									
Bruce Power	Non Voting	Jain , Anshul	Meyer , Sandra								
CPower	Non Voting	Dotson-Westphalen , Peter	Houirhan , Michael	Damaskos , Deno	Campbell , Bruce						
Caithness Energy LLC	Non Voting	Keevill , Gary	Alvarez , Asavari	Garber, Mitchell							
Calpine Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap , Jade	Sunga , Leonard							
Cubit Power One Inc.	Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard							
Customized Energy Solutions	Non Voting	Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	✓Ackerman, Alan						

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Energya VM	Non Voting	Garcia , Francisco	Maeso , Manual	Lopez , Ana	Corvillo , Cristina						
Fluent Energy	Non Voting	Acampora , Peter	Doll , Ed								
GI Energy	Non Voting	Falcier , Peter	Robinson , James								
Hudson River Energy Group	Non Voting	Radigan, Frank	Canfield, Richard								
Hydro-Quebec TransEnergie	Non Voting	Prevost , Michel									
ITC Mid-Atlantic Development LLC	Non Voting	Wrenbeck , Tom	Benedict , Nathan								
Institute for Policy Integrity at NYU School of Law	Non Voting	Unel , Burcin	Noll , Bethany	Bialek , Sylwia	Gundlach , Justin						
LS Power Grid NY	Non Voting	Willick , Lawrence	York , Joshua	Carroll , Casey	Hayes , Patrick						
Lockport Energy Assoc.	Non Voting	Gesicki , Thomas	Youngberg , Mar y								
Lyonsdale Biomass, LLC	Non Voting	Ralston , William	Hebel , Nathan	Carrigan , Kathleen							
MAG Energy Solutions, Inc.	Non Voting	Pelletier , Simon	Vezina, Alexandre								
Marathon Energy	Non Voting	Nichols , Jim	Perrotti , Frank	Yeager , Keith							
NRG Curtailment Solutions, Inc.	Non Voting	✓ Popova , Julia	Ainspan , Malcolm	Pieniazek, Marie							
NY-BEST Consortium	Non Voting	Acker , William	Sheehan , Denise								
NYS Department of Public Service	Non Voting	Paynter , Thomas	✓ Evans , Adam								
National Fuel Gas Distribution Corporation	Non Voting	Stankovski , Maryann	Eck , Robert								
New Athens Generating Co. LLC	Non Voting	Tripp , Hank									
Northeast Clean Heat & Power Initiative	Non Voting	Melpignano , Kristin	Brown, Ruben	Cinadr , Matt	Dwyer , Herb	Lillian , Jon					
NuEnergen	Non Voting	Hamilton , Sandy	Korczykowski , Ryan								
Plus Power, LLC	Non Voting	Fraenkel , Alex									
RENEW Northeast	Non Voting	Pullaro , Francis	Krich , Abigail								
Richard P. Felak	Non Voting	Felak, Rich									
STEM, Inc.	Non Voting	Ko , Ted	Bellacicco , John								
Saracen Energy East LP	Non Voting	Peebles , Andy	Miller , Jason								
Savion, LLC	Non Voting	Doering , Anthony	Sunderman , Derek								
Siemens Energy, Inc.	Non Voting	Feltes , James									
Taylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page , Allan								
Teichos Energy, LLC	Non Voting	Maclearnsberry , Kirk	VanCoeving , Darrel								
Tesla, Inc.	Non Voting	Van Cleve , Sarah	Gilfenbaum , Eliah								
TransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis , Ted	✓ Abend , Erik								
Transmission Developers Inc.	Non Voting	Jessome , Donald	Helmer , William	Harrison , Bob	Coxe , Raymond						
Transource New York, LLC	Non Voting	Rupert , David	Cundiff , Robert								
Wheelabrator Technologies, Inc.	Non Voting	Goldie , Reg	Ginnetti , Jim								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					