
NYISO Business Issues Committee Meeting Minutes
November 14, 2018
10:00 a.m. – 12:00 p.m.

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

Mr. Andrew Antinori (NYPA) called the meeting to order at 11:00 a.m. by welcoming the members of the BIC. The members of the BIC identified themselves and attendance was recorded. A quorum was determined.

2. Approval of BIC Minutes

There were no questions or comments regarding the draft minutes for the October 10, 2018 meeting that were included with the meeting material.

Motion #1:

Motion to approve the meeting minutes from October 10, 2018 BIC meeting.

Motion passed unanimously.

3. BIC Vice Chair Election for 2018-2019

Mr. Chris Wentlent (MEUA/NYMPPA) was elected to serve as the BIC Vice Chair for the 2018-2019 term.

4. Market Operations Report and Broader Regional Markets Report

Mr. Rana Mukerji (NYISO) reviewed the Market Operations report posted with the meeting material. There were no questions or comments regarding the Market Operations report.

Mr. Mukerji reviewed the Broader Regional Markets report included with the meeting material. There were no questions or comments regarding the Broader Regional Markets report.

5. T&D Manual Updates for FERC Order 831

Mr. Padam Singh (NYISO) reviewed the presentation included with the meeting material.

Ms. Doreen Saia (Greenberg Traurig) asked for confirmation that software deployment related to the revised offer cap is currently anticipated to be deployed on December 18, 2018. Mr. Singh confirmed that software deployment to implement the requirements related to FERC Order No. 831 is currently planned to occur on December 18, 2018.

Mr. Howard Fromer (PSEG) asked for confirmation that the related tariff revisions addressing the proposed changes to the offer cap have already been accepted by FERC and that the software deployment is all that remains in order to make the changes effective. Mr. Singh stated that the tariff revisions related to implementing the requirements of FERC Order No. 831 have already been accepted by FERC.

Motion #2:

The Business Issues Committee (“BIC”) hereby approves the Transmission and Dispatch Operations Manual revisions as presented and discussed at the November 14, 2018 BIC meeting. The Transmission and Dispatch Operations Manual revisions, as discussed in the “FERC Order 831 Compliance Offer Caps-T&D Manual Update” presentation, will be implemented the same day as the related Services Tariff revisions accepted by FERC in Docket No. ER17-1561.

Motion passed unanimously.

6. Automate ICAP Import Rights

Mr. Joe Nieminski (NYISO) reviewed the presentation included with the meeting material. There were no questions or comments.

Motion #3

The Business Issues Committee (BIC) hereby approves the revisions to the Installed Capacity Manual as presented and discussed at the November 14, 2018 meeting.

Motion passed unanimously.

7. DADRP Manual Update: FERC Order 745 Update

Mr. Sarthak Gupta (NYISO) reviewed the presentation included with the meeting material.

Mr. Fromer asked for confirmation that the Monthly Net Benefit Offer Floor value for November 2018 has been posted to the NYISO's website and requested additional information regarding how the value was calculated. Mr. Gupta stated that the Monthly Net Benefit Offer Floor values posted to the NYISO's website for November 2018 is \$38.36 and \$59.25 for December 2018. Mr. Gupta also provided an overview of the methodology for calculating the Monthly Net Benefit Offer Floor value.

Mr. Mark Younger (Hudson Energy Economics) asked if the methodology for calculating the Monthly Net Benefit Offer Floor value is publicly available. Mr. Gupta stated that the methodology is described in Technical Bulletin No. 245. Mr. Shaun Johnson (NYISO) stated that the NYISO is continuing to assess the calculation methodology and has already identified a potential enhancement that it intends to discuss with stakeholders in the near future. Mr. Younger and Ms. Erin Hogan (UIU) requested that the NYISO provide a follow-up presentation at a future MIWG/ICAPWG meeting to review the methodology for calculating the Monthly Net Benefit Offer Floor value.

Motion #4:

The Business Issues Committee ("BIC") hereby approves the Day-Ahead Demand Response Program Manual revisions as presented and discussed at the November 14, 2018 BIC meeting.

Motion passed unanimously with an abstention.

8. Working Group Updates

- Billing and Accounting and Credit Working Group: The group met on October 19, 2018 and reviewed the standard accounting/settlement reports, updates to the weekly and monthly invoice ICAP detail report related to reliability must run contract settlements, and proposed changes to the credit requirements for Fixed Price TCCs.
- Electric System Planning Working Group: The group has met twice since the last BIC meeting. The group met on October 24, 2018 and was provided an update from Con Edison on the status of the B-3402 and C-3403 transmission lines. On November 6, 2018, the group met jointly with MIWG and ICAPWG and reviewed an introductory overview of the 2019 fuel and energy security assessment project.
- Installed Capacity Working Group: The group has met five times since the last BIC meeting. On October 10, 2018, the group met jointly with MIWG and PRLWG and reviewed a proposal regarding changes to capacity market rules related to the results from GE Energy Consulting's assessment of the capacity value of resources with energy limitations, and an overview of the NYISO's Small Generator Interconnection Procedures. The group met jointly with MIWG on October 18, 2018 and reviewed proposed revisions to the Installed Capacity Manual related to the automation of the capacity import rights process, proposed performance requirements for external capacity resources in response to a Supplemental Resource Evaluation (SRE) request, the 2019 transmission security limit (TSL) report, and an update regarding the implementation of the alternative methodology for determining Locational Minimum Installed Capacity Requirements (LCRs). On October 23, 2018, the group met jointly with MIWG and PRLWG and reviewed the proposed interconnection and Capacity Resource Interconnection Service (CRIS) requirements for distributed energy resources (DER), and a conceptual proposal regarding the development of a new metering service entity (MSE) construct for providing metering services to DER. The group met jointly with MIWG on November 5, 2018 and reviewed preliminary, informational results for 2019-2020 LCRs utilizing the alternative methodology for determining LCRs. On November 6,

2018, the group met jointly with MIWG and ESPWG and reviewed an introductory overview of the 2019 fuel and energy security assessment project.

- Electric Gas Coordination Working Group: The group has not met since the last BIC meeting.
- Load Forecasting Task Force: The group has met twice since the last BIC meeting. On October 25, 2018, the group held its annual Fall Economic Conference and reviewed national and New York economic outlook reports by Moody's Analytics. The group also met on November 9, 2018 and reviewed the preliminary 2018 weather normalized coincident peak loads to be used in determining the 2019-2020 capacity market peak load forecast, and an overview of the study scope for the 2019 climate change impact and resilience study project.
- Market Issues Working Group: The group has met six times since the last BIC meeting. The group met jointly with ICAPWG and PRLWG on October 10, 2018 and reviewed an overview of the NYISO's Small Generator Interconnection Procedures, the proposed telemetry requirements for DER participating in the wholesale markets, and updates to the requirements for DER participating in the energy and ancillary services markets. On October 18, 2018, the group met jointly with ICAPWG and reviewed proposed clarifying revisions to certain tariff provisions addressing balancing energy settlements. The group met jointly with ICAPWG and PRLWG on October 23, 2018 and reviewed the proposed interconnection and CRIS requirements for DER, and a conceptual proposal regarding the development of a new MSE construct for providing metering services to DER. On October 26, 2018, the group met and reviewed the proposed requirements for energy storage resources (ESRs) to participate in the energy and ancillary services markets. The group met jointly with ICAPWG on November 5, 2018 and reviewed proposed revisions to the Transmission and Dispatch Operations Manual to address the NYISO's rules for complying with FERC Order No. 831 addressing energy market offer caps, and updates to the requirements for DER aggregations participating in the energy and ancillary services markets. On November 6, 2018, the group met jointly with ICAPWG and ESPWG and reviewed an introductory overview of the 2019 fuel and energy security assessment project.
- Price Responsive Load Working Group: The group has met three times since the last BIC meeting. On October 10, 2018, the group met jointly with MIWG and ICAPWG and reviewed a proposal regarding changes to capacity market rules related to the results from GE Energy Consulting's assessment of the capacity value of resources with energy limitations, and the other DER-related agenda topics. The group also met jointly with MIWG and ICAPWG on October 23, 2018 and November 5, 2018 and reviewed the DER-related agenda topics for each meeting.

9. New Business

Mr. Dave O'Brien (NYISO) stated that the deployment of the revised public website is planned for December 5, 2018 and noted that a customer focus group will be held on November 19, 2018 to preview the revised public website.

Mr. Younger asked the NYISO to provide additional information regarding the recent announcement of the withdrawal of the Generator Deactivation Notice for the Pilgrim GT1 and GT2 units. Mr. Johnson confirmed that the Pilgrim GT1 and GT2 units recently withdrew their prior Generator Deactivation Notice, and in accordance with the requirements of the tariff, the NYISO concluded the Generator Deactivation Process with respect to the units without further action. Mr. Younger asked whether the MMU has been involved in the process. Mr. Johnson confirmed that the MMU has been involved in the Generator Deactivation Process related to the Pilgrim GT1 and GT2 units.

The meeting adjourned at 12:00 p.m.

Business Issues Committee
November 14, 2018
Final Motions

Motion #1:

Motion to approve the October 10, 2018 BIC Minutes.

Motion passed unanimously.

Motion #2:

The Business Issues Committee (“BIC”) hereby approves the Transmission and Dispatch Operations Manual revisions as presented and discussed at the November 14, 2018 BIC meeting. The Transmission and Dispatch Operations Manual revisions, as discussed in the “FERC Order 831 Compliance Offer Caps-T&D Manual Update” presentation, will be implemented the same day as the related Services Tariff revisions accepted by FERC in Docket No. ER17-1561.

Motion passed unanimously.

Motion #3

The Business Issues Committee (BIC) hereby approves the revisions to the Installed Capacity Manual as presented and discussed at the November 14, 2018 meeting.

Motion passed unanimously.

Motion #4:

The Business Issues Committee (“BIC”) hereby approves the Day-Ahead Demand Response Program Manual revisions as presented and discussed at the November 14, 2018 BIC meeting.

Motion passed unanimously with an abstention.

Chris Wentlent was elected Vice Chair for 2018-2019

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Vitol Inc.	Other Suppliers	Wadsworth , Joe	Viola , Bob	Kahn , Casey							
XO Energy NY, LP	Other Suppliers	Drangula , Carey	Thompson , Matthew	Hughes , Adam							
Central Hudson Gas & Electric Corp.	Transmission Owners	Borchert , John	Chan, Ting	✓May , Jeff	Dittmann, David						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	✓Quin , Jane	Nachmias, Stuart	Butler , Scott	Hargett , Chris	Butterklee, Neil					
National Grid	Transmission Owners	✓Janzen , Margaret	Lodemore , David	Carron , Benjamin							
New York State Electric & Gas (NYSEG)	Transmission Owners	✓Caletka, Patricia	Lynch , Tim	Brophy , Richard							
Orange & Rockland Utilities, Inc.	Transmission Owners										
Rochester Gas and Electric Corp.	Transmission Owners	✓Caletka, Patricia	Lynch , Tim	Brophy , Richard							
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								
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								
American Sugar Refining, Inc	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	Lang, Kevin	Mager, Michael	✓Trinsey , Amanda					
Association for Energy Affordability	Small Consumer	Strauss , Valerie	Hepinstall, David	Farmer , Miles							
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	Lang, Kevin	Mager, Michael	✓Trinsey , Amanda					
Fordham University	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	Lang, Kevin	Mager, Michael	✓Trinsey , Amanda					
Memorial Sloan Kettering Cancer Center	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	Lang, Kevin	Mager, Michael	✓Trinsey , Amanda					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	Lang, Kevin	Mager, Michael	✓Trinsey , Amanda					
New York University	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	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	Loiacono , Matthew	O'Hare , Katie						
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	Coup, David	Mas , Carl	Wilcox , James	Matteson , Schuyler					
Long Island Power Authority	State Power Authorities	✓Clarke, Dave	Wilczek , Mariann								
New York Power Authority	State Power Authorities	✓Antinori , Andrew	✓Cordi , John	Kane , James	✓Mahoney , Daniel						✓Haake, Glenn
Bath Electric, Gas & Water Systems	Municipalities and Coops	Bonacci , Erin	✓Wentlent, Chris	Cordeiro, Mark							
Freeport Electric	Municipalities and Coops	Livingston , Al	Kimlingen, Ted	✓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	Beck , Betsy	Goggin , Michael	Grace , Gene					
Environmental Advocates	Environmental	Bambrick , Conor	Farmer , Miles	Morris, Jackson							
Environmental Defense Fund	Environmental	Christian , Rory	Stein , Elizabeth								
Natural Resources Defense Council	Environmental	Farmer , Miles	Morris, Jackson	De Costanzo , Donna							
PACE Energy & Climate Center	Environmental	Musgrove , Sheryl	Taylor , Geordi	Farmer , Miles							
Riverkeeper	Environmental	Gallay , Paul	Jones , Abigail	Doran , Erin							
AEP On-Site Partners, LLC	Non Voting	Jansen , Joel	Kakodkar , Guatam								
AES ES Holdings LLC	Non Voting	Hillman , Sharon	Kumaraswamy , Kiran								
Acadia Center	Non Voting	Howe , Cullen									
Acadia Energy Corporation	Non Voting	Rappaport , Jason	Bay , John								
Alliance for Clean Energy New York	Non Voting	Reynolds , Anne	Dufresne , Zach	Reeder , Mark							
Anbaric Northeast Transmission Development Co.	Non Voting	Sanderson , Barry	Kosel , Howard								
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								
Boston Energy Marketing & Trading	Non Voting	✓Kramek , Mike									
Bruce Power	Non Voting	Jain , Anshul	Meyer , Sandra								
Caithness Energy LLC	Non Voting	Keevill , Gary	Alvarez , Asavari	Garber, Mitchell							
Calpine Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap , Jade	Sunga , Leonard							
Canandaigua Power Partners, LLC	Non Voting	Keene , John	Gaddes , Caleb								
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						
Cypress Creek Renewables	Non Voting	Kohlstedt , Kevin	Kemp , Melissa	Salehian , Afshin							

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Earth Networks	Non Voting	Crawford , Jaden									
Ecesis LLC	Non Voting	Wu , Brian									
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								
Key Capture Energy	Non Voting	Fitzgerald , Dan	Bishop , Jeff								
MAG Energy Solutions, Inc.	Non Voting	Pelletier , Simon	Vezina, Alexandre								
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								✓ Heinrich, Bill
National Fuel Gas Distribution Corporation	Non Voting	Novak , Michael	Eck , Robert								
New Athens Generating Co. LLC	Non Voting	Tripp , Hank									
North America Transmission, LLC	Non Voting	✓ Willick , Lawrence	York , Joshua								✓ Hayes, Patrick
Northeast Clean Heat & Power Initiative	Non Voting	Venkataraman , Sree	Brown, Ruben	Cinadr , Matt	Dwyer , Herb						
Northline Utilities LLC	Non Voting	McKinney , Jeff	Danskin , Susan								
NuEnergen	Non Voting	Hamilton , Sandy	Korczykowski , Ryan								
Power Supply Services LLC	Non Voting	Phillips , Gabriel	Abend , Erik								
RBC Energy Services, LP	Non Voting	Burnham , Steve	Fraiture , Christian	Doolittle , Robin							
RENEW Northeast	Non Voting	Pullaro , Francis	Krich , Abigail								
RES Americas, Inc.	Non Voting	Fernandes , John	Boyd , Dan								
Red Wolf Energy Trading, LLC	Non Voting	Christian , Adam									
Richard P. Felak	Non Voting	Felak, Rich									
STEM, Inc.	Non Voting	Ko , Ted									
Saracen Energy East LP	Non Voting	Peebles , Andy									
Siemens Energy, Inc.	Non Voting	Feltes , James									
Stephentown Spindle, LLC	Non Voting	Hebert , Chris									
Taylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page , Allan								
Teichos Energy, LLC	Non Voting	Maclearnsberry , Kirk	VanCoevering , Darrel								
Tesla Motors, Inc.	Non Voting	Burson , Kate	Van Cleve , Sarah	Watson , Betty							
TransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis , Ted	Abend , Erik								
Transmission Developers Inc.	Non Voting	Jessome , Donald	Helmer , William	Harrison , Bob							
Transource New York, LLC	Non Voting	Burkholder , Joshua									
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					