
NYISO Business Issues Committee Meeting Minutes
March 18, 2020
10:00 a.m. – 10:45 a.m.

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

Mr. Chris Wentlent (MEUA) 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. February 12, 2020 BIC Meeting Minutes

There were no questions or comments regarding the draft minutes from the February 12, 2020 BIC meeting that were included as part of the meeting material.

Motion#1:

Motion to approve the February 12, 2020 BIC meeting minutes.

Motion passed unanimously with an abstention.

3. Market Operations Report and Broader Regional Markets Report

Mr. Rana Mukerji (NYISO) reviewed the Market Operations and Broader Regional Markets reports included with the meeting material. There were no questions or comments.

4. Tariff Modifications Required for the ESR Participation Model

Mr. Zachary Stines (NYISO) reviewed the presentation included with the meeting material.

Ms. Doreen Saia (Greenberg Traurig) asked for clarification regarding the expected timeframe for implementing the proposed revisions if approved by stakeholders, the Board of Directors, and FERC. Mr. Greg Campbell (NYISO) stated that the intent is to pursue an approval process schedule that would facilitate implementing the proposed tariff revisions coincident with the other energy storage resource participation model rules being implemented in response to FERC Order No. 841.

Motion #2:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee (“MC”) approve changes to Sections 4.4, 5.12, 23, and 25 of the NYISO’s Market Administration and Control Area Services Tariff as more fully described in the presentation “Tariff Modifications Required for the ESR Participation Model” made to the BIC on March 18, 2020.

Motion passed unanimously.

5. 2020 Update of Load Forecasting Manual

Mr. Arthur Maniaci (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 Load Forecasting Manual, as more fully described in the presentation entitled “2020 Update of Load Forecasting Manual” made to the BIC on March 18, 2020.

Motion passed unanimously with an abstention.

6. Working Group Updates

- Billing and Accounting and Credit Working Group: The group met on February 20, 2020 and reviewed the standard accounting/settlement reports, a proposal related to providing unsecured credit to governmental entities, the requirements for reporting of metering data for energy storage resources participating in the wholesale markets including data related to Station Power, an overview of the schedule and documentation for entities registering to serve as Meter Services Entities under the new meter data services construct for distributed energy resources (DER) and demand response participating in the wholesale markets, and a presentation by the Advanced Energy Management Alliance regarding the registration process and requirements for Meter Services Entities.
- Electric System Planning Working Group: The group has met three times since the last BIC meeting, including joint meetings with LFTF. On February 27, 2020, the group met and reviewed an overview of the planning studies for 2020, an overview of the anticipated scope and schedule for phases 2 and 3 of the ongoing climate change impact and resilience study project, a presentation by Analysis Group regarding the proposed scope and methodology for the phase 2 analysis being conducted as part of the ongoing climate change impact and resilience study project, a review of the study assumptions for the 70x30 scenario being conducted as part of the 2019 Congestion Assessment and Resource Integration Study (CARIS) Phase 1 analysis, an update regarding the anticipated schedule and scenarios to be considered for the 2020 Reliability Needs Assessment (RNA), and an overview of base case modeling assumptions for the 2020 RNA. The group met on March 5, 2020 and reviewed presentations by LIPA, NYSEG, and RG&E regarding updates to their respective local transmission plans. The group also met on March 16, 2020 and reviewed presentations by Con Edison and NYPA regarding updates to their respective local transmission plans, key study assumptions for the Generator Deactivation Assessment for the Cayuga 1 and 2 units, a review of the study assumptions for the 70x30 scenario being conducted as part of the 2019 CARIS Phase 1 analysis, the preliminary topology assumptions for the 2020 RNA, and the modeling assumptions for external areas for the 2020 RNA.
- Installed Capacity Working Group: The group has met five times since the last BIC meeting, including joint meetings with MIWG and/or PRLWG. The group met on February 19, 2020 and reviewed potential enhancements to the Part A exemption test of the buyer-side mitigation rules, and a presentation by the Market Monitoring Unit regarding the ongoing evaluation of a locational marginal pricing of capacity concept. On February 25, 2020, the group met and reviewed a presentation by Analysis Group regarding assumptions related to financial parameters, estimating net energy and ancillary services revenues and the shape and slope of the ICAP Demand Curves in connection with the ongoing 2019-2020 ICAP Demand Curve reset process, and a presentation by Burns & McDonnell regarding preliminary capital cost estimates to construct various peaking plant technology options as part of the ongoing 2019-2020 ICAP Demand Curve reset process. The group met on February 26, 2020 and reviewed an overview of the schedule for certain key aspects of implementing the rules related to the participation of DER in the wholesale markets, potential revisions to the availability calculation methodologies for capacity supply resources, and potential enhancements to the Part A exemption test of the buyer-side mitigation rules. The group met on March 6, 2020 and reviewed potential capacity market enhancements being considered in response to the ongoing transformation of the electric system, a presentation by The Brattle Group regarding an overview of the scope and methodology of an analysis to assist in determining potential wholesale market impacts of anticipated changes to the electric system through 2040 in response to the requirements of the Climate Leadership and Community Protection Act (CLCPA), proposed Day-Ahead Market bidding requirements for energy storage resources that participate in the capacity market, an overview of the recent orders issued by FERC regarding aspects of the capacity market buyer-side mitigation rules, and an overview of the proposed compliance plan in response to FERC's directives related to the application of buyer-side mitigation rules to new Special Case Resources. The group also met on March 10, 2020 and reviewed the proposed methodology for determining level of excess adjustment factors as part of the ongoing 2019-2020 ICAP Demand Curve reset process, a presentation by the Market Monitoring Unit regarding the ongoing evaluation of a locational marginal pricing of capacity concept, and an initial draft proposal to comply with FERC's directives to revise the MW cap applicable to the renewable energy resource exemption of the buyer-side mitigation rules.
- Load Forecasting Task Force: The group has met three times since the last BIC meeting, including joint meetings with ESPWG. The group met on February 27, 2020 and reviewed assumptions for developing the 2020 long-term energy and peak load forecasts. On March 11, 2020, the group met and reviewed a schedule of topics and discussions for 2020, and the results of phase 1 of the climate change impact and resilience study project. The group also met on March 16, 2020 and reviewed the preliminary 2020 long-term energy and peak load forecasts.

- Market Issues Working Group: The group has met jointly with ICAPWG and PRLWG three times since the last BIC meeting. On February 26, 2020, the group met and reviewed the schedule for certain key aspects of implementing the rules related to the participation of DER in the wholesale markets, and an overview of the application of energy market mitigation measures to energy storage resources. The group met on March 6, 2020 and reviewed a presentation by The Brattle Group regarding an overview of the scope and methodology of an analysis to assist in determining potential wholesale market impacts of anticipated changes to the electric system through 2040 in response to the requirements of the CLCPA, and proposed rules related to the participation of energy storage resources in the wholesale energy and ancillary services markets. The group also met on March 10, 2020 and reviewed proposed energy market mitigation measures applicable to energy storage resources.
- Price Responsive Load Working Group: The group met jointly with ICAPWG and/or MIWG on February 19, 2020, February 25, 2020, February 26, 2020, March 6, 2020, and March 10, 2020. At each meeting, the group reviewed the agenda topics related to DER, energy storage resources and/or the NYISO-administered demand response programs.

7. New Business

There was no new business.

Meeting adjourned at 10:45 a.m.

Business Issues Committee
March 18, 2020
Final Motions

Motion #1:

Motion to approve the Minutes of the February 12, 2020 BIC meeting.

Motion passed unanimously with an abstention.

Motion #2:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee (“MC”) approve changes to Sections 4.4, 5.12, 23, and 25 of the NYISO’s Market Administration and Control Area Services Tariff as more fully described in the presentation “Tariff Modifications Required for the ESR Participation Model” made to the BIC on March 18, 2020.

Motion passed unanimously.

Motion #3:

The Business Issues Committee (BIC) hereby approves the revisions to the Load Forecasting Manual, as more fully described in the presentation entitled “2020 Update of Load Forecasting Manual” made to the BIC on March 18, 2020.

Motion passed unanimously with an abstention.

New York Independent System Operator - Committee Membership

Business Issues Committee - March 18, 2020 - Conference Call - 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	Caplan, Stu								
CPV Valley LLC	Generation Owners	Litchfield, Matt	Rumsey, Tom	Pierpont, Daniel							
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							
Danskammer Energy, LLC	Generation Owners	Reid, William	Cada, Eric								
EDP Renewables North America LLC	Generation Owners	Brodbeck, John	Loturco, Thomas	High, Jeremy	Priemer, Dustin						
East Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty, Thomas	McEachern, Ben	Franzetti, Paul						
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							
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	Galarneau, Kenneth	Goldwasser, Rachel	Fitzgerald, Dan							
National Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe, Brian								
Selkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan, James								
Somerset Operating Company, LLC	Generation Owners	Gregson, Brian	Goodenough, Jeery	Love, Jordan							
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						
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	Jeev, Kumar					
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	Geller, Greg	Chibani, Yanis								
ENGIE Energy Marketing NA, Inc.	Other Suppliers	Levine, Jeffrey	Hawkins, Darin	Campbell, Chad							
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	Hsia, Jennifer	Cona, Lisa	Kranz, Bradley						
New York Transco	Other Suppliers	Mullin, Victor	Trotta, Alan	Caso, Rob	Carrigan, Kathleen	Camp, Adam					
NextEra Energy	Other Suppliers	Applebaum, David	Talbot, Soria	Gibelli, Stephen							
Ontario Power Generation, Inc.	Other Suppliers	Lauritsen, Kim									
PSEG Energy Resource & Trade, LLC	Other Suppliers	✓Fromer, Howard	DePillo, Raymond	Cimino, David	Dillon, George						
Riverbay Corporation	Other Suppliers	Merola, Peter	Ellison, Noel								
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						
Viridity Energy, Inc.	Other Suppliers	Freifeld, Allen									
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	May, Jeff	✓Chan, Ting	Jolly, James	Delmar, Valerie						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	Quin, Jane	✓Hargett, Chris	Yu, Joel	Lazarus, Dana	Butterklee, Neil	LoFrumento, Susan				

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
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	VanCoevering , 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					