

NYISO Business Issues Committee Meeting Minutes**November 13, 2015****10:05 a.m. – 11:40 a.m.**

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

The chair of the Business Issues Committee (BIC), Mr. Chris LaRoe (Brookfield) called the meeting to order at 10:05 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. Market Operations Report

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

3. Seams Report

Mr. Mukerji reviewed the seams report included with the meeting material. There were no questions.

4. Planning Update

Mr. Henry Chao (NYISO) provided the update. Mr. Chao noted the NYISO issued a solicitation for solutions to the Western NY public policy transmission need on November 1, 2015. Interested developers must submit their project proposals on or before December 31, 2015. The NYISO also reviewed the reliability impact of the proposed retirement of the Huntley generating units and submitted a letter to the New York State Public Service Commission (NYPSC) describing the results of its analysis relating thereto on October 30, 2015. As indicated in the letter to the NYPSC, no issues were identified as long as certain planned upgrades are timely completed by National Grid. The NYISO will continue to closely monitor this situation. Ms. Marji Philips (Direct Energy) asked whether the NYISO intended to file the results of its analysis with FERC in the docket related to the proposed reliability must run (RMR) agreement filed by Huntley. Mr. Chao indicated that the NYISO did not intend to submit the results of its analysis to FERC at this time, but would further consider the matter.

5. 2015 Winter Capacity Update

Mr. Wes Yeomans (NYISO) reviewed the presentation included with the meeting material. Mr. Yeomans focused on the capacity assessment component of the NYISO's analysis. Mr. Jim Scheiderich (NRG) asked why the NYISO excludes demand response from its assessment of Southeastern New York transmission security. Mr. Yeomans indicated that the assessment conducted by the NYISO is intended as a starting point to determine the level of derates and/or unit losses that would be required before demand response would need to be activated by the NYISO.

6. 2016 Vice Chair Election

Mr. Scott Butler (Con Edison) was elected Vice Chair by secret ballot vote.

7. Fuel Assurance – Energy Market Design Concept: Fuel Constrained Bidding

Ms. Cristy Sanada (NYISO) reviewed the presentation included with the meeting material. Mr. Mike Mager (Couch White) asked if the NYISO would be conducting a Consumer Impact Analysis for this project. Ms. Sanada confirmed that the NYISO intends to conduct a Consumer Impact Analysis for this project in 2016. Mr. Scott Leuthauser (HQ US) asked if this concept applies to external transactions. Ms. Sanada explained it only applies to internal generation.

Mr. Mark Montalvo (NYS UIU) expressed concern about continuing with the total energy curve design and then later in 2016 realizing that the fuel cost/efficiency curve design might be the better way to go. Ms. Sanada explained that the NYISO has prototyped the total energy curve design and doesn't see any potential issues. In addition, and the NYISO has received input from many Market Participants who prefer the total energy curve design. Ms. Sanada also noted that the two designs are not exclusive.

Motion #1:

The Business Issues Committee ("BIC") hereby recommends that the NYISO continues to work with the Market Issues Working Group to refine the Fuel Assurance – Fuel Constrained Bidding proposal as more fully described in the presentation made to the BIC on November 13, 2015.

Motion passed unanimously with abstentions.

8. Ancillary Services Manual Recertification

Mr. Brad Garrison (NYISO) reviewed the presentation included with the meeting material. There were no questions.

Motion #2:

The Business Issues Committee (BIC) hereby approves the Ancillary Services Manual revisions as presented and discussed at the November 13, 2015 BIC meeting.

Motion passed unanimously with an abstention.

9. NYISO Overview: FERC Notice of Proposed Rulemaking: Collection of Connected Entity Data from RTOs and ISOs (Docket RM15-23)

Mr. Ray Stalter (NYISO) reviewed the presentation included with the meeting material. Ms. Christy Nicolai (Macquarie Energy) asked the NYISO to work with the other ISOs/RTOs to develop a repository for the information to alleviate duplicate work for Market Participants that participate in more than one ISO. Mr. Bruce Bleiweiss (DC Energy) asked why FERC would want Market Participants to submit the data to the ISOs/RTOs and not directly to FERC. Mr. Stalter explained that the NYISO already collects affiliate data so this could be viewed as an extension of that existing process. Ms. Nicolai also asked the NYISO to consider providing information to FERC regarding the cost to implement the proposal and provide the data to FERC.

10. Working Group Updates

BAWG – Mr. Norman Mah (Con Ed Solutions) reported that the BAWG met on October 23, 2015 to review the grid accounting report.

CPWG – Mr. Mah reported that the CPWG did not meet.

ESPWG – Mr. Butler reported that the principal topic of discussion at recent meetings has been updated Local Transmission Owner Plans. The NYISO also discussed an updated base case for the Western NY public policy transmission need identified by the NYPSC. The updated base case will reflect transmission modifications that were reported in the Local Transmission Owner Plans, some which respond to recently announced generator deactivations. Mr. Butler also noted that the NYISO issued a solicitation for solutions to the Western NY public policy transmission need on November 1, 2015. Interested developers must submit their project proposals on or before December 31, 2015. At the ESPWG meeting on November 10, 2015, the NYISO also presented a revised matrix outlining how it intends to reflect the outage state definitions approved by the FERC earlier this year in planning study assumptions.

ICAPWG – Mr. Bob Boyle (NYPA) reported that the ICAPWG discussed the tariff revisions associated with the Behind-the-Meter: Net Generation project and kicked off the Demand Curve Reset process.

IPTF – The group did not meet.

LFTF – No report was provided.

MIWG – Mr. LaRoe reported that the MIWG reviewed the tariff revisions associated with the Behind-the-Meter: Net Generation project, as well as proposed revisions to the Transmission and Dispatch Operations Manual related to the implementation of Coordinated Transaction Scheduling (CTS) with ISO-NE.

PRWLG – Mr. Tim Lundin (CES) reported that the PRLWG met with the ICAPWG and the MIWG to discuss the tariff revisions associated with the Behind-the-Meter: Net Generation project.

EGCWG – The group did not meet.

11. New Business

None

Meeting adjourned at 11:40 a.m.

Business Issues Committee Meeting
November 13, 2015
Final Motions

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Motion passed unanimously with abstentions.

Motion #2:

The Business Issues Committee (BIC) hereby approves the Ancillary Services Manual revisions as presented and discussed at the November 13, 2015 BIC meeting.

Motion passed unanimously with an abstention.

New York Independent System Operator - Committee Membership

Business Issues Committee - November 13, 2015 - KCC - 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						
CPV Valley LLC	Generation Owners	Remillard, Steven	Litchfield , Matt	Bruno , Michael	Felak, Rich						
Calpine	Generation Owners	Kruse, Brett	Reitmeyer , Jay	Flumerfelt, John	Schleimer , Steve	✓LaRoe , Chris					
Cricket Valley Energy Center	Generation Owners	De Meyere , Bob	Wallenstein , Arnold	Ahrens , Jeff							
EDP Renewables North America LLC	Generation Owners	Brodbeck , John	Kaplan , Seth	Grimes , Mike	Nemeth , Jeffrey	Dictor , Stephen					
East Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty , Thomas	Fisher , Amy							
Entergy Nuclear Northeast	Generation Owners	Logan , Kathy	Potkin , Marc	✓Saia, Doreen	Del Orto , Ken						
Howard Wind LLC	Generation Owners	Merich , Olivia	Rugh , Chris								
Indeck Energy Services, Inc.	Generation Owners	Ferguson, Mike	Schrage, John	✓Younger, Mark							
Innovative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott								
Invenergy Energy Management LLC	Generation Owners	Ma , Alex	Goldstein , Michael	Orzel , Chris							
National Grid Generation LLC	Generation Owners	Kain , Terrence	McCabe , Brian								
New Athens Generating Co. LLC	Generation Owners	Breen, Jack	Litchfield , Matt	DeVinney, Dan	Felak, Rich						
Noble Environmental Power LLC	Generation Owners	Silton , Harry									
Selkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan , James								
Somerset Operating Company, LLC	Generation Owners	Evanoski , Dave	Goodenough , Jeery	McManus , John							
TC Ravenswood, Inc.	Generation Owners	Taylor, William	DAndrea , James	Congel, Dan	Hachey, Mike						
BJ Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
BP Energy Company	Other Suppliers	Prescott , Randy	Magruder , Kathy	Bassett , Jeffrey							
BlueRock Energy, Inc.	Other Suppliers	Nichols , Jim	Yeager , Keith	VanHorne , Phil	Graham , Tammy						
Brookfield Energy Marketing L.P.	Other Suppliers	✓LaRoe , Chris	Mitreski , Aleksandar	Mitelman , Rimma	Dallaire , Eric						
CPower	Other Suppliers	Markham , Craig	Lacey , Frank	Damaskos , Deno	✓Ackerman, Alan						
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss , Gordon	Romine , Brad	Emmett , Robert							
Citigroup Energy Inc.	Other Suppliers	Trayers, Barry									
Con Edison Solutions Inc.	Other Suppliers	✓Mah, Norman	Dannels , Jeff								
Constellation New Energy	Other Suppliers	McCartney, Glen	Wentlent, Chris	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	Kuo, David					
DTE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	German , Robert							
Direct Energy Business Marketing, LLC	Other Suppliers	✓Philips , Marjorie	Comstock , Read								
Dyegy Marketing and Trade	Other Suppliers	Roby , Rick	Ellis, Dean	Ziegler , Pete							
EDF Trading North America, LLC	Other Suppliers	Erbrick , Michael	LeForce , Randall								
EnerNoc	Other Suppliers	Brewster, David	Breidenbaugh, Aaron	Geller , Greg							
Energy Spectrum	Other Suppliers	David, Gary	Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland , William	Villegas , Cristina			
Energy Technology Savings	Other Suppliers	Hendler , Jeff	Ross , Valerie	Nudelman , Craig							
EnergyConnect	Other Suppliers	Campbell , Bruce	Davis , Robert	✓Lawrence , David							
Exelon Generating Co. LLC	Other Suppliers	McCartney, Glen	Wentlent, Chris	Kirk , Steven	✓Sears , Deborah						
GDF Suez Energy NA, Inc.	Other Suppliers	Levine , Jeffrey	Hawkins , Darin	Campbell , Chad							
Galt Power	Other Suppliers	Fernands , Rochelle	✓Ackerman, Alan								
HQ Energy Services US	Other Suppliers	Bernier , Luc	Collins , Kyle	✓Leuthauser, Scott	Vennes, Yannick						
Innoventive Power	Other Suppliers	Gruber , Craig	Halford , Steve								
Integrus Energy Services of New York, Inc	Other Suppliers	Haugh, Michael									
Lyonsdale Biomass, LLC	Other Suppliers	Ralston , William	Hebel , Nathan	Carrigan , Kathleen							
Mercuria Energy America, Inc.	Other Suppliers	Davis , Andrew	✓Younger, Mark								
Morgan Stanley Capital Group, Inc.	Other Suppliers	Murray, Patrick	Kochonies, Karen	Ezickson, Doron							
NRG Power Marketing Inc.	Other Suppliers	Joseph , Kelli	Fuller , Peter	Neal , David							
NextEra Energy	Other Suppliers	Applebaum, David	Gardner , Michelle								
Noble Americas Gas & Power Corp.	Other Suppliers	Boston , Roy	Kyle , Chris	Sunga , Leonard							
Ontario Power Generation, Inc.	Other Suppliers	Lacivita, Ken	Gell, Richard	Barr, David	Sheinfield , Joel						
PSEG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	Carretta , Kenneth	Messmer , Robert	Murawski , James						
Powerex Corporation	Other Suppliers	Tang , Glen	Dion , Julien	Fichten , Murray							
Repsol Energy North America Corporation	Other Suppliers	Moreton , Samuel	Horvath , Peter								
Riverbay Corporation	Other Suppliers	Merola , Peter	Freedman , Herbert	Ahrens, David	Villegas , Cristina						
SESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt	French, Dave								
Talen Energy	Other Suppliers	Hyzinski , Tom	Greening , Michele								
TransCanada Power Marketing, Ltd.	Other Suppliers	Taylor, William	D'Andrea, James	Congel, Dan	Hachey, Mike						
Twin Cities Power LLC	Other Suppliers	Staska , Stephanie	Dube , Alex								
U.S. Power Generating Co.	Other Suppliers	✓Baker, Liam	Reese, John	✓Younger, Mark							

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First Wind Holdings, LLC	Non Voting	Keene , John	Salehian , Afshin								
Fluent Energy	Non Voting	Acampora , Peter	Begley, Jeff	Doll , Ed							
Great Bay Energy IV, LLC	Non Voting	Franco , Eugene	Colon , Antonio								
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								
Iberdrola Renewables Inc	Non Voting	Allen, Thresa									
Innovari, Inc.	Non Voting	Lunt , Robin	Hodges , Brent								
MAG Energy Solutions, Inc.	Non Voting	Roberge, Martin	Vezeina, Alexandre								
NYS Department of Public Service	Non Voting	✓ Paynter , Thomas	Evans , Adam								
National Fuel Gas Distribution Corporation	Non Voting	Novak , Michael	Eck , Robert								
New York Transco	Non Voting	Nachmias, Stuart	Lahtinen , James	Allen , Richard							
Noble Americas Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap , Jade	Sunga , Leonard							
Northeast Clean Heat & Power Initiative	Non Voting	De Veer , Henrietta	Lilian , Jon	Dwyer , Herb	Brown, Ruben	Cinadr , Matt	Martin , Nicholas	Villegas , Cristina			
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	Sharma , Rishi									
Richard P. Felak	Non Voting	Felak, Rich									
Saracen Energy East LP	Non Voting	Peebles , Andy									
Saranac Power Partners	Non Voting	Wible , Steven									
Siemens Energy, Inc.	Non Voting	Feltes , James									
Stephentown Spindle, LLC	Non Voting	Hebert , Chris	Bullwinkel , Aaron	O'Brien , Robin							
Taylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page , Allan								
TransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis , Ted									
Transmission Developers Inc.	Non Voting	Jessome , Donald	Helmer , William								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					