

NYISO Business Issues Committee Meeting Minutes
October 11, 2016
10:00 a.m. – 10:20 a.m.

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

Mr. Chris LaRoe (Brookfield) called the meeting to order at 10:00 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. Broader Regional Markets Report

Mr. Robb Pike (NYISO) reviewed the report included with the meeting material. He stated FERC ruled in favor of NYISO and PJM on cost allocation in the Michigan/Ontario PARs case. The BAWG will discuss the refund process at its October 21, 2016 meeting. Mr. Pike explained that discussions continue on coordinating without the Con Ed/PSEG Wheel. There will be a special BIC meeting on October 20, 2016 to act on the treatment of capacity exports from Localities proposal. Mr. Pike noted that, if FERC grants the NYISO's request for a deferral in the ISO-NE proceeding giving rise to the capacity export issue, the meeting and vote will be cancelled.

3. Manual Revisions: Comprehensive Scarcity Pricing

Mr. Ethan Avallone (NYISO) reviewed the presentation included with the meeting material. There were no questions or discussion.

Motion #1:

The Business Issues Committee (BIC) hereby approves the revisions to the Ancillary Services Manual, Transmission and Dispatching Operations Manual and the Day-Ahead Scheduling Manual as presented and discussed at the October 11, 2016 BIC meeting.

Motion passed unanimously with abstentions.

8. Working Group Updates

BAWG – The BAWG has not met since the last BIC meeting.

CPWG – The CPWG has not met since the last BIC meeting.

ESPWG – Mr. Butler reported the ESPWG will focus on the Public Policy Cost Allocation proposal at its October 13, 2016 meeting and is expecting an update on the status of State Resource Planning Assessment at its October 25, 2016 meeting.

ICAPWG – Ms. Debbie Eckels (NYISO) reported that the ICAPWG has wrapped up its discussions regarding the ICAP Demand Curve reset (DCR) and oral presentations to the NYISO Board of Directors regarding the DCR are scheduled for Monday, October 17, 2016. The working group has also discussed potential changes to the current LCR methodology and treatment of capacity exports from Localities proposal.

IPTF – The group has not met since the last BIC meeting.

LFTF – The group has not met since the last BIC meeting.

MIWG – Ms. Eckels reported that MIWG has discussed coordinating without the Con Ed/PSWG Wheel, Energy Storage Integration, manual revisions related to Comprehensive Scarcity Pricing and RTC-RTD Forward Horizon Coordination Improvements. Potomac Economics also presented its review of the evaluation of the impacts of the PJM Proxy Bus modeling issue.

PRWLG – The BAWG has not met since the last BIC meeting.

EGCWG – The BAWG has not met since the last BIC meeting.

3. New Business

There was no new business.

Meeting adjourned at 10:20 a.m.

Business Issues Committee

October 11, 2016

Final Motion

Motion #1:

The Business Issues Committee (BIC) hereby approves the revisions to the Ancillary Services Manual, Transmission and Dispatching Operations Manual and the Day-Ahead Scheduling Manual as presented and discussed at the October 11, 2016 BIC meeting.

Motion passed unanimously with abstentions.

New York Independent System Operator - Committee Membership

Business Issues Committee - October 11, 2016 - 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 | | | | | | |
| CPV Valley LLC | Generation Owners | Litchfield, Matt | Rumsey, Tom | | | | | | | | |
| Calpine | Generation Owners | Kruse, Brett | Reitmeyer, Jay | Flumerfelt, John | Schleimer, Steve | | | | | | |
| Cricket Valley Energy Center | Generation Owners | De Meyere, Bob | Wallenstein, Arnold | Paryl, Ron | | | | | | | |
| 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 | Lee, Tina | Franzetti, Paul | | | | | | |
| Entergy Nuclear Northeast | Generation Owners | Potkin, Marc | Dell Orto, Ken | ✓Saia, Doreen | Bergeron, John | | | | | | |
| Howard Wind LLC | Generation Owners | Merich, Olivia | Rugh, Chris | | | | | | | | |
| 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 | Ma, Alex | Goldstein, Michael | Orzel, Chris | | | | | | | |
| National Grid Generation LLC | Generation Owners | Kain, Terrence | McCabe, Brian | | | | | | | | |
| 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 | Briscoe, Judy | Magruder, Kathy | | | | | | | | |
| 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 | ✓Lawrence, David | | | | | | |
| 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 | | | | | | | | |
| Dyneegy 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 | Cinadr, Matt | | |
| Energy Technology Savings | Other Suppliers | Hendler, Jeff | Ross, Valerie | | | | | | | | |
| EnergyConnect | Other Suppliers | Campbell, Bruce | Davis, Robert | ✓Lawrence, David | | | | | | | |
| Exelon Generating Co. LLC | Other Suppliers | Kirk, Steven | Wentlent, Chris | | | | | | | | |
| 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 | ✓Plante, Matthieu | 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 | Cona, Lisa | | | | | | | |
| 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 | DePillo, Raymond | 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 | Ellison, Noel | Ahrens, David | Villegas, Cristina | | | | | | |
| SESCO Enterprises, LLC | Other Suppliers | Schubiger, Michael | Thoresen, James | | | | | | | | |
| Shell Energy North America, LLC | Other Suppliers | Picardi, Matt | | | | | | | | | ✓Therriault, William |
| Talen Energy | Other Suppliers | Hyzinski, Tom | Labella, Julie | | | | | | | | |
| TransCanada Power Marketing, Ltd. | Other Suppliers | Taylor, William | D'Andrea, James | ✓Congel, Dan | Hachey, Mike | | | | | | |
| U.S. Power Generating Co. | Other Suppliers | Baker, Liam | Reese, John | ✓Younger, Mark | ✓Schwall, Matthew | Johnson, David | Wolcott, Tyler | | | | |
| Viridity Energy, Inc. | Other Suppliers | Freifeld, Allen | | | | | | | | | |
| Vitol Inc. | Other Suppliers | Wadsworth, Joe | Viola, Bob | Kam, Kenney | | | | | | | |

| Organization | Sector | Representative | Alternate1 | Alternate2 | Alternate3 | Alternate4 | Alternate5 | Alternate6 | Alternate7 | Proxy | Guest |
|--|------------|--------------------------|----------------------|---------------------|---------------------|---------------|-------------------|---------------------|------------|-------|-------|
| Fluent Energy | Non Voting | Acampora , Peter | Doll , Ed | | | | | | | | |
| 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 | Pelletier , Simon | Vezina, Alexandre | | | | | | | | |
| NRG Curtailment Solutions, Inc. | Non Voting | Pieniasek, Marie | Scheiderich , Jim | Lynch, Stephen | Korczykowski , Jim | | | | | | |
| NYS Department of Public Service | Non Voting | Paynter , Thomas | Evans , Adam | | | | | | | | |
| National Fuel Gas Distribution Corporation | Non Voting | Novak , Michael | Eck , Robert | | | | | | | | |
| New Athens Generating Co. LLC | Non Voting | DeVinney, Dan | | | | | | | | | |
| New York Transco | Non Voting | Nachmias, Stuart | Hitti , Nabil | Allen , Richard | Carrigan , Kathleen | | | | | | |
| Noble Americas Energy Solutions | Non Voting | Sun , Jungsuk | Nakhonthap , Jade | Sunga , Leonard | | | | | | | |
| Northeast Clean Heat & Power Initiative | Non Voting | Venkataraman , Sree | Lilian , Jon | Dwyer , Herb | Brown, Ruben | Cinadr , Matt | Martin , Nicholas | Villegas , Cristina | | | |
| Northline Utilities LLC | Non Voting | McKinney , Jeff | Danskin , Susan | | | | | | | | |
| NuEnergien | Non Voting | Hamilton , Sandy | Korczykowski , Ryan | | | | | | | | |
| Orthogonal Energy, LLC | Non Voting | Kudryavtseva , Viktoriya | Roch , Grant | | | | | | | | |
| 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 | | | | | | | | | |
| Siemens Energy, Inc. | Non Voting | Feltes , James | | | | | | | | | |
| SolarCity Corporation | Non Voting | Watson , Betty | Khan , Jamil | Reinhardt , Jessica | | | | | | | |
| Stephentown Spindle, LLC | Non Voting | Hebert , Chris | | | | | | | | | |
| Taylor Biomass Energy, LLC | Non Voting | Taylor , Jim | Page , Allan | | | | | | | | |
| Tesla Motors, Inc. | Non Voting | Burson , Kate | Van Cleve , Sarah | | | | | | | | |
| 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 | | | | | |

NYISO Employees

Seibert, Mark

Eckels, Debbie

Bissell, Garrett

Avallone, Ethan

Dixon, Kirk

Walters, Dana

Pike, Robb