

NYISO Business Issues Committee Meeting Minutes**July 15, 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), Ms. Patti Caletka (NYSEG) 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. Meeting Minutes**Motion #1:**

Motion to approve the Minutes of the June 10, 2015 meeting.

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.

4. Seams Report

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

5. Planning Update

Mr. Henry Chao (NYISO) provided the update he explained the final EIPC Gas/Electric Study is complete and has been submitted to the DOE. The NYISO filed the compliance filing related to the Inter-Regional Planning Coordination Protocol as well as a FERC Order 1000 clean-up filing. He also stated the Public Policy Transmission Planning Process Manual, on today's agenda for approval.

6. Changes to the Reference Level Manual & MST Attachment H

This item was removed from the agenda.

7. Public Policy Transmission Planning Process Manual

Mr. Zach Smith (NYISO) reviewed the presentation included with the meeting material.

Ms. Caletka asked about the developer qualification process. Zach reviewed the developer qualification process and stated that if a developer is already approved as qualified in the Reliability Planning Process or the Economic Planning Process, the developer needs only to update their qualification information to be qualified in the Public Policy Transmission Planning Process. Mr. Bob Boyle (NYPA) asked if qualification approval for Public Policy was three years. Mr. Smith said that was correct. Mr. Boyle asked, if you added a separate approval for reliability qualification, would it restart the clock. Mr. Carl Patka (NYISO) stated there is nothing currently in the tariff or manual that addresses whether a qualification determination in one NYISO planning process that is updated in another NYISO process extends the qualification timeframe. Mr. Boyle stated it would be easier for an organization to know where they stand with a single qualification process instead of separate tracks for all of the processes. Mr. Smith said this would be a good clean-up item for the future.

Mr. Scott Butler (Con Edison) asked whether the manual would foreclose revisions or updates to the most recent reliability base case. Mr. Smith responded that the manual would permit the NYISO to

update the most recent reliability base case, and that the NYISO intended to recognize any significant system changes that had occurred.

Mr. Howard Fromer (PSEG) asked how one would measure sufficiency to meet a need. Mr. Smith explained each project will be looked at individually, and when the PSC declares a need, and then there should be enough detail to measure sufficiency. The NYISO would look to DPS and PSC for clarity. Once the NYISO evaluated each project for viability and sufficiency, the NYISO would report on the outcome and the PSC would decide whether or not to proceed with the evaluation.

Mr. Luc Bernier (HQUS) asked if a hybrid solution of transmission and generation and/or demand response would be considered. Mr. Smith replied that it would be, but the evaluation and selection process only applies to transmission. Mr. Fromer commented that the generation component would not receive cost recovery under the NYISO tariff. Mr. Smith said that was correct.

Motion #2:

The Business Issues Committee (BIC) hereby approves the Public Policy Transmission Planning Process Manual as presented at the July 15, 2015 BIC Meeting.

Motion passed by majority with abstentions.

8. Working Group Updates

BAWG – Mr. Norman Mah (Con Ed Solutions) said the BAWG met on June 26th to review the grid accounting report.

CPWG – Mr. Mah reported that the CPWG met to review the balance the TCC credit policy for balance of period TCCs.

ESPWG – Mr. Scott Butler (Con Edison) reported that the ESPWG finalized its discussion of the Public Policy Transmission Planning Process Manual. The group will eventually discuss the developer agreement. In addition, the group has been discussing the natural gas forecast methodology and the 2015 CARIS base case.

ICAPWG – Mr. Boyle reported that ICAPWG discussed Behind the Meter: Net Generation and the RMR Compliance Filing.

IPTF – The group did not meet.

LFTF – Mr. Bryan Irrgang (PSEG Long Island) reported that the LFTF met on June 22nd for the Spring Economic Conference in NYC.

MIWG – Mr. Chris LaRoe (IPNNY) reported that MIWG reviewed Comprehensive Scarcity Pricing, Expand Minimum Generation Cost Field Size, Changes to Digital Certificates, Highlights from the Quarterly Report on the New York ISO Electricity Markets First Quarter 2015 , Autumn 2015 Centralized TCC Auction & Survey, TCC Manual Revisions and continued discussions on BTMG:NG.

PRWLG – Mr. Tim Lundin (CES) reported that PRLWG met with ICAPWG and MIWG on the DR Backstop Solution and BTM:NG.

EGCWG – The group did not meet.

9. New Business

None

Meeting adjourned at 11:40 a.m.

Business Issues Committee
July 15, 2015
Final Motions

Motion #1:

Motion to approved the Minutes of the June 10, 2015 BIC meeting.

Motion passed unanimously.

Motion #2:

The Business Issues Committee (BIC) hereby approves the Public Policy Transmission Planning Process Manual as presented at the July 15, 2015 BIC Meeting.

Motion passed by majority with abstentions.

**Please note, agenda item 5: Changes to the Reference Level Manual & MST Attachment H was pulled from the agenda.

New York Independent System Operator - Committee Membership

Business Issues Committee - July 15, 2015 - NYISO - Parties Checked in Attendance

| Organization | Sector | Representative | Alternate1 | Alternate2 | Alternate3 | Alternate4 | Alternate5 | Alternate6 | Alternate7 | Proxy | Guest |
|---------------------------------------------|-------------------|-----------------------|----------------------|---------------------|---------------------|----------------|--------------------|---------------------|------------|----------------|-------|
| Astoria Energy LLC | Generation Owners | McCall, Chuck | 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 | Kaplan , Seth | Grimes , Mike | Nemeth , Jeffrey | Harmon , Brad | | | | | | |
| 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 | | | | | | | |
| Stephentown Spindle, LLC | Generation Owners | Hebert , Chris | Bullwinkel , Aaron | O'Brien , Robin | | | | | | | |
| 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 | Eno , Jason | VanHorne , Phil | Gipson , Jon | | | | | | |
| Brookfield Energy Marketing | Other Suppliers | Mitreski , Aleksandar | ✓Mitelman , Rimma | Dallaire , Eric | | | | | | ✓LaRoe, Chris | |
| CPower | Other Suppliers | Markham , Craig | Lacey , Frank | Damaskos , Deno | ✓Ackerman, Alan | | | | | | |
| Castleton Commodities Merchant Trading L.P. | Other Suppliers | Stuss , Gordon | Cheong, Mei | | | | | | | | |
| Citigroup Energy Inc. | Other Suppliers | Trayers, Barry | | | | | | | | | |
| Con Edison Solutions Inc. | Other Suppliers | ✓Mah, Norman | Wemple, Steve | | | | | | | | |
| 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 | | | | | | | | |
| Dynegy Power Marketing, Inc. | Other Suppliers | Roby , Rick | Ellis, Dean | Daley , Marty | | | | | | | |
| 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 | | | | | | ✓Younger, Mark | |
| NextEra Energy | Other Suppliers | Applebaum, David | Gardner , Michelle | Gil , David | | | | | | ✓LaRoe, Chris | |
| 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 | | | | | | |

| Organization | Sector | Representative | Alternate1 | Alternate2 | Alternate3 | Alternate4 | Alternate5 | Alternate6 | Alternate7 | Proxy | Guest |
|--------------------------------------------|------------|---------------------|----------------------|-------------------|--------------|---------------|-------------------|---------------------|------------|-------|-------|
| 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 | | | | | | | | | |
| Iberdrola Renewables Inc | Non Voting | Allen, Thresa | | | | | | | | | |
| 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 | | | | | | | | | |
| Saracen Energy East LP | Non Voting | Peebles , Andy | | | | | | | | | |
| Saranac Power Partners | Non Voting | Wible , Steven | | | | | | | | | |
| Siemens Energy, Inc. | Non Voting | Feltes , James | | | | | | | | | |
| 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 | | | | | |

NYISO Employees

Dixon, Kirk

Eckels, Debbie

Chao, Henry

Mukerji, Rana

Patka, Carl

Smith, Zach

Schnell, Alex