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**NYISO Business Issues Committee Meeting Minutes**  
**January 17, 2018**  
**10:00 a.m. – 10:50 a.m.**

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

Mr. Andrew Antinori (NYPA) 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. Approval of BIC Minutes**

There were no comments or questions regarding the draft meeting minutes for the November 15, 2017 and December 13, 2017 BIC meetings that were included with the meeting material.

Motion #1:

Motion to approve the November 15, 2017 and December 13, 2017 BIC meeting minutes.

***Motion passed unanimously.***

**3. Market Operations Report and Broader Regional Markets Report**

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

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

**4. Projected True-Up Exposure Enhancement**

Ms. Sheri Prevratil (NYISO) reviewed the presentation posted with the meeting material. There were no questions or comments.

Motion #2:

The Business Issues Committee (BIC) hereby recommends that the Management Committee approve, and recommend to the NYISO Board for filing under Section 205 of the Federal Power Act, revisions to Attachment K of the Market Administration and Control Area Services Tariff as described in the presentation entitled “Projected True-Up Exposure Enhancement,” made at the January 17, 2018 BIC meeting.

***Motion passed unanimously.***

**5. Proposed ICAP Manual Revisions Regarding Deliverability Requirements for Capacity Imports from PJM**

Mr. Zach T. Smith reviewed the presentation posted with the meeting material. Ms. Doreen Saia (Greenburg Traurig) requested confirmation that the proposed revisions apply only capacity imports over the PJM AC ties. Mr. Smith confirmed that the proposed revisions apply only to capacity imports over the PJM AC ties.

Motion #3:

The Business Issues Committee (“BIC”) hereby approves the revisions to the Installed Capacity Manual as described in the presentation made to the BIC on January 17, 2018.

***Motion passed unanimously.***

**6. Price Correction Deadlines: Proposed Tariff Changes**

Ms. Michelle Gerry (NYISO) reviewed the presentation posted with the meeting material. There were no questions or comments.

#### Motion #4:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve revisions to Attachment E of the NYISO’s Market Administration and Control Area Services Tariff and Attachment Q of the NYISO’s Open Access Transmission Tariff, as are more fully described in the presentation entitled “Price Correction Deadlines: Proposed Tariff Changes” made to the BIC on January 17, 2018.

***Motion passed unanimously with an abstention.***

#### **7. Solar Integration**

Mr. David Edelson (NYISO) reviewed the presentation posted with the meeting material. Ms. Jane Quin (Con Edison) recommended that the NYISO conduct additional reviews in the future regarding the ability to accommodate higher penetration of wind generation resources. Mr. Edelson noted that the NYISO already has ongoing initiatives to assess higher levels of wind generation resources on the system and market design/rule changes that may be needed to accommodate such higher penetration levels.

#### Motion #5:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee (“MC”) approve revisions to the NYISO’s Market Administration and Control Area Services Tariff (“Services Tariff”) as more fully described in the “Solar Integration” presentation made to the BIC on January 17, 2018.

***Motion passed unanimously.***

#### **Working Group Updates**

- Billing and Accounting and Credit Working Group – The group met on December 15, 2017 and reviewed the standard accounting/settlement reports, as well as the proposed enhancements to the projected true-up exposure credit requirement.
- Electric System Planning Working Group – The group has met twice since the last BIC meeting. The group met jointly with the ICAPWG and MIWG on January 10, 2018 and reviewed tariff revisions related to the NYISO’s compliance filing for the reliability must run (RMR) process. The group also met on January 12, 2018 and reviewed the preliminary solution results for the 2017 CARIS Phase 1 study.
- Installed Capacity Working Group – ICAP has met twice since the last BIC. The group met jointly with MIWG and ESPWG on January 10, 2018 and reviewed the proposed alternative methodology for calculating Locational Minimum Installed Capacity Requirements (LCRs), a presentation by Hudson Energy Economics regarding the On Ramps and Off Ramps proposal, stakeholder feedback regarding the NYISO’s Integrating Public Policy White Paper and tariff revisions related to the NYISO’s compliance filing for the RMR process. The group also met jointly with MIWG on January 16, 2018 and reviewed tariff revisions related to the proposed alternative methodology for calculating LCRs and tariff revisions related to the On Ramps and Off Ramps proposal.
- 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. The group met on December 14, 2017 and reviewed regional load growth factors for use in the 2018 peak load forecast, the NYISO’s weather normalization process for historic zonal energy and the preliminary 2018 peak load forecast. The group also met on December 19, 2017 and reviewed the final 2018 peak load forecast.
- Market Issues Working Group – MIWG has met five times since the last BIC meeting. The group met on December 13, 2017 and reviewed the distributed energy resources (DER) meter data study. On December 19, 2017, the group met and reviewed the DER market design concept proposal. The group also met on December 20, 2017 and reviewed the Spring 2018 Centralized TCC Auction survey results, the energy

storage integration market design concept proposal and the NYISO's Integrating Public Policy White Paper. On January 10, 2018, the group met jointly with ICAPWG and ESPWG and reviewed securing 100+ kV transmission facilities in the market model and stakeholder feedback regarding the NYISO's Integrating Public Policy White Paper. The group also met jointly with ICAPWG on January 16, 2018 and reviewed results from the NYISO's RTC and RTD convergence study, initial results from the historical analysis undertaken by the NYISO in connection with the constraint specific transmission demand curves initiative and proposed revisions to the requirements to conduct certain informational calculations related to the allocation of Day-Ahead Market Congestion Rent shortfalls and surpluses.

- Price Responsive Load Working Group – The group met jointly with MIWG on December 13, 2017 and December 19, 2017 to review the DER-related agenda topics.

## **8. New Business**

Mr. Antinori stated the initial schedule for Integrating Public Policy Task Force (IPPTF) meetings in 2018 was expected to be posted on or before January 19, 2018.

Mr. Dave O'Brien (NYISO) informed stakeholders that the NYISO would be sending out an email by the end of January 2018 seeking feedback to help inform the redesign of the NYISO's public website.

Meeting adjourned at 10:50 a.m.

# ***Business Issues Committee***

## **January 17, 2018 Meeting**

### **Final Motions**

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**Motion #1:**

Motion to approve the November 15, 2017 and December 13, 2017 meeting minutes.

*Motion passed unanimously.*

**Motion #2:**

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*Motion passed unanimously.*

**Motion #3:**

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*Motion passed unanimously.*

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*Motion passed unanimously with an abstention.*

**Motion #5:**

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee (“MC”) approve revisions to the NYISO’s Market Administration and Control Area Services Tariff (“Services Tariff”) as more fully described in the “Solar Integration” presentation made to the BIC on January 17, 2018.

*Motion passed unanimously.*

# New York Independent System Operator - Committee Membership

## Business Issues Committee - January 17, 2018 - Teleconference - 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	Yang , Sue	Caplan , Stu							
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	Davis , Charles	Wallenstein , Arnold	Paryl , Ron							
EDP Renewables North America LLC	Generation Owners	Brodbeck , John	Kaplan , Seth	Nemeth , Jeffrey	High , Jeremy	Priemer , Dustin					
East Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty , Thomas	✓Lee , Tina	Franzetti , Paul						
Entergy Nuclear Northeast	Generation Owners	Dell Orto , Ken	Saia, Doreen	Bergeron , John							
Helix Ravenswood LLC	Generation Owners	D'Andrea , James	Kline , Marc	DiBari , Dominic							
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	Pakula , Maggie	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	Gregson , Brian	Goodenough , Jeery	Evanoski , Dave							
BJ Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
BP Energy Company	Other Suppliers	Chintapalli , Raj	Magruder , Kathy								
BioUrja Power, LLC	Other Suppliers	Moore , Cody	Ward , Roxie								
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	✓Dotson-Westphalen , Peter	Hourihan , Michael	Damaskos , Deno	Campbell , Bruce						
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	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	Jeev , Kumar					
DTE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	German , Robert							
Direct Energy Business Marketing, LLC	Other Suppliers	✓Galarneau , Kenneth	Philips , Marjorie	Comstock , Read							
Drift Marketplace, Inc.	Other Suppliers	Tilley , Alan	Robinson , Greg								
Dynegy Marketing and Trade	Other Suppliers	✓Roby , Rick	Ellis, Dean	Ziegler , Pete							
EDF Trading North America, LLC	Other Suppliers	Erbrick , Michael	LeForce , Randall								
Eastern Generation	Other Suppliers	✓Baker, Liam	Reese, John	✓Younger, Mark	Schwall , Matthew	Johnson , David	Wolcott , Tyler				
EnerNoc	Other Suppliers	Brewster, David	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								
Exelon Generating Co. LLC	Other Suppliers	Wentlent, Chris	Kirk , Steven								
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	Guilbault , Louis	Bélanger , Frédéric						
Innoventive Power	Other Suppliers	Gruber , Craig	Halford , Steve								
Lyonsdale Biomass, LLC	Other Suppliers	Ralston , William	Hebel , Nathan	Carrigan , Kathleen							
Mercuria Energy America, Inc.	Other Suppliers	Davis , Andrew	✓Younger, Mark	Frye , Samuel							
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							
New York Transco	Other Suppliers	Nachmias, Stuart	Hitti , Nabil	Caso , Rob	Carrigan , Kathleen	Dumais , Paul	McKinney , Jeff				
NextEra Energy	Other Suppliers	Applebaum, David	Gardner , Michelle	Gibelli , Stephen							
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	Cimino , David	Murawski , James						
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									
Talen Energy	Other Suppliers	Hohenshilt , Jennifer	Labella , Julie	Raggio , Debra							
TransCanada Power Marketing, Ltd.	Other Suppliers	Cahill , Paul	Schuler , Richard	Murphy , Tonya							
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							

✓Ackerman, Alan

✓Younger, Mark



Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
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								
Iberdrola Renewables Inc	Non Voting	Allen, Thresa									
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								
National Fuel Gas Distribution Corporation	Non Voting	Novak , Michael	Eck , Robert								
New Athens Generating Co. LLC	Non Voting	Tripp , Hank									
Northeast Clean Heat & Power Initiative	Non Voting	Venkataraman , Sree	Brown, Ruben	Cinadr , Matt	Dwyer , Herb						
Northline Utilities LLC	Non Voting	McKinney , Jeff	Danskin , Susan								
NuErogen	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								
Tesla Motors, Inc.	Non Voting	Burson , Kate	Van Cleve , Sarah	Watson , Betty							
TransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis , Ted									
Transmission Developers Inc.	Non Voting	Jessome , Donald	Helmer , William	Dave , Suresh							
Transource New York, LLC	Non Voting	Burkholder , Joshua									
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					

**NYISO Employees**

Edelson, David

Gerry, Michelle

Prevratil, Sheri

Nelson, Emilie

Eckels, Debbie

Dixon, Kirk

Jamieson, Amie

Bissell, Garrett