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**NYISO Business Issues Committee Meeting Minutes**  
**March 14, 2017**  
**10:00 a.m. – 11:15 a.m.**

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

Mr. Scott Butler (Con Edison) 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.

Mr. Butler reminded members to submit Sector meeting topics by March 17, 2017.

**2. Approval of BIC Minutes**

There were no comments or questions regarding the draft minutes for the February 8, 2017 meeting that were included with the meeting material.

Motion #1:

Motion to approve the February 8, 2017 BIC meeting minutes.

***Motion passed unanimously.***

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

Mr. Rana Mukerji (NYISO) reviewed the Market Performance Highlights included with the meeting material. There were no questions or comments.

Mr. Mukerji reviewed the Broader Regional Markets report included with the meeting material. Mr. Chris Mackaronis (Nucor Steele) and Mr. Dan Mahoney (NYPA) asked if the NYISO had discussions with PJM regarding the recent pseudo tie filing submitted by PJM to FERC. Mr. Mukerji stated that the NYISO has been in communication with PJM regarding this matter, PJM is aware of the NYISO’s concerns regarding the pseudo tie concept, and discussions between PJM and NYISO regarding this issue are expected to be ongoing. Mr. Liam Baker (Eastern Gen) and Ms. Doreen Saia (Greenberg Traurig) asked if PJM’s recent filing addressed the concerns that the NYISO has raised. Ms. Gloria Kavanah (NYISO) stated that the NYISO does continue to have concerns regarding PJM’s filing and planned to file comments with FERC in response to PJM’s filing.

**4. Emergency Energy Transaction Charges with ISO-NE**

Ms. Pallavi Jain (NYISO) reviewed the presentation included with the meeting material. There were no questions or comments.

Motion #2:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve changes to the NYISO’s Coordination Agreement with ISO-NE as more fully described in the “Emergency Energy Transaction Charges with ISO-NE” presentation made to the BIC on March 14, 2017.

***Motion passed unanimously.***

**5. Transmission Constraint Pricing**

Mr. Mike DeSocio (NYISO) reviewed the presentation included with the meeting material. Mr. Andy Peebles (Saracen) asked if future discussions regarding potential further enhancements to the NYISO’s transmission constraint pricing logic would include an assessment of applying the third step of the graduated Transmission Shortage Cost as a demand curve rather than a price capping mechanism. Mr. DeSocio stated that the treatment of the third step of the graduated Transmission Shortage Cost would be considered as part of the discussions regarding potential further enhancements to the NYISO’s transmission constraint pricing. Mr. DeSocio noted that the NYISO intends to begin discussions about further enhancements during Q3 2017.

### Motion #3:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve changes to the NYISO’s Open Access Transmission Tariff (“OATT”) and Market Services Tariff (“MST”) with regard to the Transmission Constraint Pricing updates as more fully described in the presentation made to the BIC on March 14, 2017.

***The motion passed unanimously with abstentions.***

### **6. Real-Time Start-up Cost Treatment**

Mr. Daniel Noriega (NYISO) reviewed the presentation included with the meeting material. There were no questions or comments.

### Motion #4:

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 (“MST”) related to the treatment of Start-up Bids in the Real-Time market, as described in the presentation made to the BIC on March 14, 2017.

***The motion passed unanimously.***

### **7. ICAP Manual Updates**

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

Mr. Howard Fromer (PSEG) asked if the notification timeframe for generators engaging in capacity exports from Localities was designed to work with the timeframes of capacity auctions in neighboring regions. Mr. Smith indicated that the notification timeframe was designed to do so. Mr. Mark Younger (Hudson Energy Economics) sought clarification to confirm that if a generator previously provided notice to the NYISO of an export capacity transaction for a given month, it would only need to provide additional timely notification if there was any change from the prior notice. Mr. Smith confirmed that Mr. Younger’s understanding was correct.

### Motion #5:

The Business Issues Committee (BIC) hereby approves revisions to the Installed Capacity Manual as presented at the March 14, 2017 BIC meeting.

***The motion passed unanimously with abstentions.***

### **8. Reporting Affiliate Information**

Mr. Jim Scheckton (NYISO) reviewed the presentation included with meeting material.

Mr. Fromer asked for clarification as to the origin of the affiliate definition and whether the NYISO had flexibility to consider potential revisions thereto in order to make the affiliate reporting requirements less burdensome for market participants. Mr. Scheckton stated that the affiliate definition is set forth in the tariffs.. Mr. Kevin Jones (Hunton and Williams) stated that affiliate reporting is required by FERC in connection with the independence principles for ISOs/RTOs and that the NYISO has had prior discussions with FERC about easing the burdens of the reporting process for market participants. These discussions helped facilitate the changes to the prohibited investment rules that were implemented in 2014. Mr. Jones noted, however, that, to date, FERC has not been overly receptive to great degrees of relaxation of the affiliate reporting requirements.

### **9. Working Group Updates**

- Billing and Accounting and Credit Working Group: Mr. Norman Mah (Con Ed Solutions) reported that the group met on February 24, 2017 and reviewed the standard billing reports. The NYISO also reviewed billing code and report changes related to the Rate Schedule 1 technology automation project.
- Electric System Planning Working Group: Mr. Brian Wilkie (NYPA) reported the group me on March 7, 2017 and reviewed an updated draft of the 2016 Comprehensive Reliability Plan (CRP), the 2017 CARIS Phase 1 schedule, and update on Historic Congestion Reporting, the 2016 Weather Adjusted Energy usage, and the 2017 Long Term Forecast of Economic Projections.

- Installed Capacity Working Group: Mr. Liam Baker reported the group met on February 15, 2017 and March 8, 2017 and reviewed alternative methodologies for determining LCRs, ICAP Manual changes related to capacity exports from Localities, potential enhancements to Buyer-Side Mitigation rules related to the use of inflation rates and escalation factors and the forecasting of ICAP Demand Curve reference point prices, and lessons learned from the 2016 ICAP Demand Curve reset process.
- Electric Gas Coordination Working Group: The group did not meet since the last BIC meeting.
- Load Forecasting Task Force: The group did not meet since the last BIC meeting.
- Market Issues Working Group: Ms. Diana McNally-Barsotti (Con Edison) reported the group met on February 16, 2017 February 28, 2017 and March 9, 2017 and reviewed a variety of topics including the DER Roadmap, the Integrating Public Policy Project, Emergency Energy Transaction Charges with ISO-NE, Real-Time Start-up Cost Treatment, Transmission Constraint Pricing, the Michigan-Ontario Phase Angle Regulators assessment report, PJM's Pseudo-Tie Proposal, an update regarding the NYISO's Market Transparency Initiative, and an update regarding the TCC Balance-of-Period Project.
- Price Responsive Load Working Group: Mr. Tim Lundin (NYPA) reported the group met with MIWG to discuss the DER Roadmap and Integrating Public Policy Project topics.

#### **4. New Business**

There was no new business.

Meeting adjourned at 11:30 a.m.

***Business Issues Committee Meeting***  
**March 14, 2017**  
**Final Motions**

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Motion #1:

Motion to approve the Minutes of the February 8, 2017 BIC meeting.

*Motion passed unanimously.*

Motion #2:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve changes to the NYISO’s Coordination Agreement with ISO-NE as more fully described in the “Emergency Energy Transaction Charges with ISO-NE” presentation made to the BIC on March 14, 2017.

*Motion passed unanimously.*

Motion #3:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve changes to the NYISO’s Open Access Transmission Tariff (“OATT”) and Market Services Tariff (“MST”) with regard to the Transmission Constraint Pricing updates as more fully described in the presentation made to the BIC on March 14, 2017.

*Motion passed unanimously with abstentions.*

Motion #4:

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 (“MST”) related to the treatment of Start-up Bids in the Real-Time market, as described in the presentation made to the BIC on March 14, 2017.

*Motion passed unanimously.*

Motion #5:

The Business Issues Committee (BIC) hereby approves revisions to the Installed Capacity Manual as presented at the March 14, 2017 BIC meeting.

*Motion passed unanimously with abstentions.*

# New York Independent System Operator - Committee Membership

## Business Issues Committee - March 14, 2017 - 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	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	Nemeth , Jeffrey	High , Jeremy						
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								
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	Hourihan , Michael	Lawrence , David	Damaskos , Deno	Campbell , Bruce	Markham , Craig					
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	✓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								
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							
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							
New York Transco	Other Suppliers	Nachmias, Stuart	Hitti , Nabil	Caso , Rob	Carrigan , Kathleen	Dumais , Paul					
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						
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	Kershner , Zane	Klicker , Owen						
TransCanada Power Marketing, Ltd.	Other Suppliers	Taylor, William	D'Andrea, James	Congel, Dan	Hachey, Mike						
Viridity Energy, Inc.	Other Suppliers	Freifeld , Allen									
Vitol Inc.	Other Suppliers	Wadsworth , Joe	Viola , Bob	Kam , Kenney							
XO Energy NY, LP	Other Suppliers	Drangula , Carey	Thompson , Matthew	Hughes , Adam							



Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
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	Vezenia, Alexandre								
NRG Curtailment Solutions, Inc.	Non Voting	✓Popova , Julia	Ainspan , Malcolm	Pieniasek, 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	DeVinney, Dan									
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								
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									
STEM, Inc.	Non Voting	Ko , Ted									
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	✓Dave , Suresh							
Transource New York, LLC	Non Voting	Burkholder , Joshua									
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					