## NYISO Business Issues Committee Meeting Minutes January 13, 2016 10:05 a.m. – 11:15 a.m.

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

The Vice chair of the Business Issues Committee (BIC), Mr. Scott Butler (Con Ed) 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

There were no comments or questions regarding the Minutes of the November 13, 2015 BIC meeting included with the meeting material.

#### Motion 1:

Motion to approve the Minutes of the November 13, 2015 BIC meeting. *Motion passed unanimously.* 

#### 3. Market Operations Report

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

#### 4. Seams Report

Mr. Pike reviewed the seams report included with the meeting material. Mr. Brian Wilkie (NYPA), Ms. Kelli Joseph (NRG) and Ms. Doreen Saia (Entergy) asked questions related to FERC's recent approval of PJM's request to increase its energy market offer cap value and potential broader action by FERC regarding energy market offer cap reforms. Mr. Pike noted that the NYISO expects that FERC is likely to issue an order as part of its ongoing price formation proceeding to propose changes to energy market offer caps and the NYISO intends to await release of such an order before further assessing any potential changes.

#### 5. Planning Update

Mr. Zach Smith (NYISO) provided the update. Mr. Smith explained the NYISO received responses to the solicitation for proposals related to the Western New York Public Policy Transmission Need, but due to confidentiality issues there wasn't much he could discuss at this time. Ms. Saia asked if the NYISO could provide information regarding the likely timeframe for completing the viability and sufficiency screening for the responses received. Mr. Smith noted that the NYISO is working to expeditiously complete such analysis but could not commit to a firm deadline for completing such review. Mr. Bart Franey (National Grid) asked whether the NYISO had completed a timeline for issuance of a solicitation for solutions in response to the AC Transmission Public Policy Transmission Needs recently identified by the New York State Public Service Commission (NYPSC). Mr. Smith indicated that the NYISO has not yet established a date for issuance of such solicitation.

Mr. John Buechler (NYISO) summarized the two Orders issued by FERC on December 23, 2015 which relate to the NYISO's planning processes. He explained that FERC rejected the Public Policy Transmission Planning Process (PPTPP) 'clean-up filing" in its entirety without addressing any of the proposed process changes that are needed for the NYISO to implement the later stages of its PPTPP. He also informed the Committee that the NYISO plans to seek approval at the Management

Committee on January 27, 2016 to re-file the same process enhancements that were approved last May, while removing anything related to interconnection issues which FERC objected to in its December 23, 2015 orders. The interconnection issues will be addressed in a subsequent compliance filing, as required by FERC.

## 6. Comprehensive Shortage Pricing Document Updates

Mr. Ethan Avallone (NYISO) reviewed the presentation included with the meeting material. Mr. Howard Fromer (PSEG) expressed concern with removing the demand curve tables from the manuals and requested the tables be reinserted. Mr. Mike DeSocio (NYISO) asked if other Market Participants (MPs) shared Mr. Fromer's concern. Several MPs replied that they did. The NYISO agreed to reinsert the demand curve tables in the applicable manuals.

## Motion 2:

The Business Issues Committee (BIC) hereby approves the revisions to the Ancillary Services Manual, Transmission and Dispatch Operations Manual and the Day-Ahead Scheduling Manual as presented and discussed at the January 13, 2016 BIC meeting with the clarification that the reserve demand curve tables will be included in each of the manuals above.

Motion passed unanimously with abstentions.

## Motion 2A:

## Motion to amend Motion 2:

The Business Issues Committee (BIC) hereby approves the revisions to the Ancillary Services Manual, Transmission and Dispatch Operations Manual and the Day-Ahead Scheduling Manual as presented and discussed at the January 13, 2016 BIC meeting with the clarification that the reserve demand curve tables will be included in each of the manuals above.

## Motion passed unanimously.

## 7. Working Group Updates

**BAWG** – Mr. Norman Mah (Con Ed Solutions) reported that the BAWG met on December 18, 2015 to review the grid accounting report.

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

**ESPWG** – ESPWG –Mr. Scott Butler (Con Edison) reported that ESPWG has not met since the last BIC meeting, but there have been recent developments.

- The NYPSC formally identified public policy transmission needs for the Central East and UPNY-SENY interfaces, which triggers the commencement of the PPTPP to evaluate potential solutions to those needs in 2016.
- FERC ruled that TO transmission projects proposed in the NYISO's planning processes must be subject to the same interconnection process as those developed by independent transmission developers. ESPWG will be working with the NYISO over the coming months to develop a compliance filing in response to FERC's directives.
- Because of its concerns about the NYISO's interconnection processes, FERC also rejected the NYISO's proposed "clean-up" changes to its PPTPP. The NYISO will re-present the clean-up changes to the Management Committee later this month, with any changes related to interconnection requirements excised.
- The NYISO reported that it received 15 proposals from eight different developers in response to the public policy transmission need identified by the NYPSC last summer in Western NY. The NYISO is not permitted to provide additional details on the proposals at this time.
- Finally, the NYISO will be returning to discuss further its proposals to modify the reliability planning process to better coordinate it with the other planning processes and to incorporate the outage states definitions into its modeling assumptions.

**ICAPWG** – Ms. Kathy Logan(Entergy) reported that the ICAPWG reviewed the External CRIS Rights Proposal for Non-UDR Transmission Expansion and had the second meeting on the ICAP Demand Curve reset process. Ms. Logan also stated she would be stepping down as ICAPWG Chair effective January 21, 2016 and that Liam Baker (US PowerGen) would take over.

**IPTF** – The group did not meet.

**LFTF** – Mr. Bryan Irrgang (LIPA) reported the LFTF finalized the 2016 ICAP forecast.

**MIWG** – Mr. Bob Boyle (NYPA) reported that the MIWG reviewed the Comprehensive Shortage Pricing document updates that were acted upon today and had a presentation on generator status update transparency.

**PRWLG** – The group did not meet.

EGCWG – The group did not meet.

8. New Business

None

Meeting adjourned at 11:15 a.m.

# **Business Issues Committee**

January 13, 2016 Final Motions

## Motion 1:

Motion to approve the Minutes of the November 13, 2015 BIC meeting.

Motion passed unanimously.

# Motion 2:

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Motion passed unanimously with abstentions.

# Motion 2A:

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Motion passed unanimously.

# New York Independent System Operator - Committee Membership

# Business Issues Committee - October 14, 2015 - NYISO - Parties Checked in Attendance

rganization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
oria Energy LLC	Generation Owners	McCall, Chuck	Habib , Phillipe	Singer, Leonard							
V Valley LLC	Generation Owners	Remillard, Steven	Litchfield , Matt	Bruno, Michael	Felak, Rich						
vine	Generation Owners	Kruse, Brett	Reitmeyer, Jay	Flumerfelt, John	Schleimer, Steve	LaRoe , Chris					
ket Valley Energy Center	Generation Owners	De Meyere , Bob	Wallenstein, Arnold	Ahrens, Jeff	,						
Renewables North America LLC	Generation Owners	Brodbeck , John	Kaplan, Seth	Grimes, Mike	Nemeth, Jeffrey	Harmon, Brad					
Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty, Thomas	Fisher , Amy							
rgy Nuclear Northeast	Generation Owners	Logan , Kathy	Potkin, Marc	Saia, Doreen	Del Orto, Ken						
vard Wind LLC	Generation Owners	Merich, Olivia	Rugh , Chris	Sala, Doreen	Der Onto, Ken						
ck Energy Services, Inc.	Generation Owners	Ferguson, Mike	Schrage, John	Younger, Mark							
wative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott	I ounger, Mark							
nergy Energy Management LLC	Generation Owners	Ma, Alex	Goldstein, Michael	Orzel, Chris							
onal Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe, Brian	Orzer, Chiris							
Athens Generating Co. LLC	Generation Owners	Breen, Jack	Litchfield, Matt	DeVinney, Dan	Felak, Rich						
e Environmental Power LLC	Generation Owners	Silton, Harry	Elicinicia, Matt	De vinney, Dan	I Clak, Kich						
irk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan, James								
erset Operating Company, LLC	Generation Owners	Evanoski , Dave	-	McManus, John							
			Goodenough, Jeery								
nentown Spindle, LLC	Generation Owners	Hebert, Chris	Bullwinkel, Aaron	O'Brien, Robin	Hasher Ma						
Ravenswood, Inc.	Generation Owners	Taylor, William	DAndrea, James	Congel, Dan	Hachey, Mike						
nergy LLC	Other Suppliers	Ni, Bing Proceett Bandy	Lee, George	Descott Laffmary							
Energy Company	Other Suppliers	Prescott , Randy Nichols , Jim	Magruder, Kathy	Bassett, Jeffrey	Ginson Jan						
Rock Energy, Inc. kfield Energy Marketing	Other Suppliers Other Suppliers	LaRoe, Chris	Eno, Jason	VanHorne, Phil	Gipson, Jon						
			Mitreski, Aleksandar	Mitelman, Rimma	Dallaire, Eric						
wer	Other Suppliers	Markham , Craig	Lacey, Frank	Damaskos, Deno	🗸 Ackerman, Alan						
eton Commodities Merchant Trading L.P.	Other Suppliers	Stuss , Gordon	Cheong, Mei								
roup Energy Inc.	Other Suppliers	Trayers, Barry									
Edison Solutions Inc.	Other Suppliers	🗸 Mah, Norman	Dannels, Jeff								
tellation New Energy	Other Suppliers	McCartney, Glen	Wentlent, Chris	Kirk , Steven							
s Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose								
Energy	Other Suppliers	Bleiweis, Bruce	Stevens, Andrew	Tate, Matthew	Milberg, Sadao	Kuo, David					
Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	German , Robert							
ct Energy Business Marketing, LLC	Other Suppliers	Philips, Marjorie	Comstock, Read								
egy Power Marketing, Inc.	Other Suppliers	Roby , Rick	Ellis, Dean	Daley, Marty							
Trading North America, LLC	Other Suppliers	Erbrick, Michael	LeForce, Randall								
Noc	Other Suppliers	Brewster, David	Breidenbaugh, Aaron	Geller, Greg							
gy Spectrum	Other Suppliers	David, Gary	Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland, William	Villegas, Cristina			
gy Technology Savings	Other Suppliers	Hendler, Jeff	Ross, Valerie	Nudelman, Craig							
gyConnect	Other Suppliers	Campbell, Bruce	Davis, Robert	Lawrence , David							
on Generating Co. LLC	Other Suppliers	McCartney, Glen	Wentlent, Chris	Kirk , Steven	Sears , Deborah						
Suez Energy NA, Inc.	Other Suppliers	Levine, Jeffrey	Hawkins , Darin	Campbell, Chad							
Power	Other Suppliers	Fernands, Rochelle	🗸 Ackerman, Alan								
Energy Services US	Other Suppliers	Bernier, Luc	Collins , Kyle	Leuthauser, Scott	Vennes, Yannick						
ventive Power	Other Suppliers	Gruber, Craig	Halford, Steve								1
rys Energy Services of New York, Inc	Other Suppliers	Haugh, Michael									1
sdale Biomass, LLC	Other Suppliers	Ralston, William	Hebel, Nathan	Carrigan, Kathleen							
uria Energy America, Inc.	Other Suppliers	Davis, Andrew	Younger, Mark	-							
gan Stanley Capital Group, Inc.	Other Suppliers	Murray, Patrick	Kochonies, Karen	Ezickson, Doron							
Power Marketing Inc.	Other Suppliers	Joseph , Kelli	Fuller, Peter	Neal, David							
Era Energy	Other Suppliers	Applebaum, David	Gardner, Michelle	Gil, David							
e Americas Gas & Power Corp.	Other Suppliers	Boston , Roy	Kyle , Chris	🗸 Sunga , Leonard							
rio Power Generation, Inc.	Other Suppliers	Lacivita, Ken	Gell, Richard	Barr, David	Sheinfield , Joel						1
Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	Carretta, Kenneth	Messmer, Robert	Murawski, James						
rex Corporation	Other Suppliers	Tang, Glen	Dion, Julien	Fichten , Murray	,						
ol Energy North America Corporation	Other Suppliers	Moreton, Samuel	Horvath, Peter	,,							
bay Corporation	Other Suppliers	Merola, Peter	Freedman, Herbert	Ahrens, David	Villegas , Cristina						
CO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James	,							
Energy North America, LLC	Other Suppliers	Picardi, Matt	French, Dave								
n Energy	Other Suppliers	Hyzinski , Tom	Greening, Michele								
sCanada Power Marketing, Ltd.	Other Suppliers	Taylor, William	D'Andrea, James	Congel, Dan	Hachey, Mike						
Cities Power LLC	Other Suppliers	Staska, Stephanie	Dube, Alex		,						

Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6
Other Suppliers	✓ Baker, Liam	Reese, John	LaRoe , Chris				
Other Suppliers	Freifeld, Allen						
Other Suppliers	Wadsworth , Joe	Viola , Bob	Kam , Kenney				
Other Suppliers	Drangula , Carey	Thompson, Matthew	Hughes, Adam				
Transmission Owners	Borchert , John	Chan, Ting	Seitz, Diane	Dittmann, David			
Transmission Owners	🗸 Quin , Jane	Nachmias, Stuart	Altobell, Deidre	Butler, Scott	Butterklee, Neil		
Transmission Owners	🗸 Franey, Bart	Lodemore, David					
Transmission Owners	🗸 Caletka, Patricia	Kinney, Ray	Brophy , Richard				
Transmission Owners							
Transmission Owners	🗸 Caletka, Patricia	Kinney, Ray	Brophy , Richard				
Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	🗸 Lang, Kevin			
Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	🗸 Lang, Kevin			
Large Consumer	Brew, James	Radigan, Frank	Kopon, Owen				
Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	🗸 Lang, Kevin			
Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	🗸 Lang, Kevin			
Large Consumer Government Agency	Keller , David	Chou, Frances					
Small Consumer	George, Quintin	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	🖌 Lang, Kevin	
Small Consumer	Morris, Jackson	Hepinstall, David	Strauss, Valerie				
Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	🗸 Lang, Kevin		
Small Consumer	Dowling, John	Luthin, Catherine	Loughney, Robert	Mager, Michael	🖌 Lang, Kevin		
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Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael			
Small Consumer		-		-	1 -		
Government Statewide Consumer Advocate	🗸 Hogan , Erin	Rigberg, Saul	Montalvo, Marc	Pereira, Alvaro			
Government Small Consumer and Retail Aggregate	🗸 Lang, Kevin	Mager, Michael	Trinsey , Amanda				
Government Small Consumer and Retail Aggregate	Williams, John	✓ Hall , Christopher	d'Aversa , Jon-Paul				
State Power Authorities	🗸 Clarke, Dave	🗸 Wilczek , Mariann					
State Power Authorities	Antinori , Andrew	Boyle, Bob	Fossa, Andrea	Mahoney , Daniel	Wilkie, Brian		
Municipalities and Coops	Moore, Ken	Bolbrock, Richard	Cordeiro, Mark				
Municipalities and Coops	Livingston, Al	Kimlingen, Ted	🖌 Rudebusch, Tom	Fiore, Chris			
Municipalities and Coops	Gustafson, David	Leathers, David	Kulig, Steve	Rudebusch, Tom			
Municipalities and Coops	Kroha, Peter	Bolbrock, Richard	Cordeiro, Mark				
Municipalities and Coops	Stabb, Kenneth	Bolbrock, Richard	Cordeiro, Mark				
Municipalities and Coops	Treacy, William	Bolbrock, Richard	Cordeiro, Mark				
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			Morris, Jackson				
Environmental	Morris, Jackson	Clements, Allison					
Environmental	Gahl, David	Bowie , John	Morris, Jackson				
Environmental	Gallay , Paul	Gahl, David	Morris, Jackson				
Non Voting	Lynch, Stephen						
Non Voting	Reynolds, Anne						
Non Voting	Sanderson, Barry						
Non Voting	Levy , Tal	Klein, Abram	Shen, Dong	Westlund, John	Laich, Marcus		
Non Voting	Hebert, Chris	Bullwinkel, Aaron	O'Brien, Robin				
Non Voting							
Non Voting	Tompkins John, E.	Pratt, Charles					
Non Voting	Viswanathan , Samira	Meyer, Sandra					
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Non Voting	Mancini, Rick Dorn, Andrew	Fernands, Stephen	Rexrode, Caryn	🗸 Ackerman, Alan	V Lundin, 11m		
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Non Voting Non Voting Non Voting	Hagner, Thomas Comstock , Read						
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Join         LaRe, Clais           Mark Supplers         Periodia Allan         Resc. Join         Kan, Kenney           Mark Supplers         Dampala, Carry         Thompson, Mathwu         Soitz, Dane         Dittauan, David           Tanuanisation Owards         Chan, Luc         Nathanias, Shart         Abbell, Doite         Bater, Soit           Tanuanisation Owards         Cackta, Paricia         Kinney, Ray         Mathematica, Shart         Abbell, Doite         Bater, Soit           Tanuanisation Owards         Cackta, Paricia         Kinney, Ray         Marephy, Richard         Lang, Kevin           Tanuanisation Owards         Cackta, Paricia         Kinney, Roy         Timey, Annada         Lang, Kevin           arge Consumer         Mager, Michael         Looghney, Robert         Timey, Annada         Lang, Kevin           arge Consumer         Mager, Michael         Looghney, Robert         Timey, Annada         Lang, Kevin           arge Consumer         Mager, Michael         Looghney, Robert         Timey, Annada         Lang, Kevin           arge Consumer         Mager, Michael         Looghney, Robert         Mager, Michael         Looghney, Robert         Mager, Michael           arge Consumer         Lang, Revin         Lang, Revin <td>Net Supplers in foreid , Linn Kangelers in the Supplers in Dampin. Carly Non-Non-Name Kangelers in Supplers in Dampin. Carly Non-Name Kangelers in Supplers in Carlos , Andrew Name Kangelers in Supplers in Carlos , Marker Kangelers in Carlos , Ma</td> <td>Birk Supprise Non-Su</br></br></br></br></br></br></td>	Net Supplers in foreid , Linn Kangelers in the Supplers in Dampin. Carly Non-Non-Name Kangelers in Supplers in Dampin. Carly Non-Name Kangelers in Supplers in Carlos , Andrew Name Kangelers in Supplers in Carlos , Marker Kangelers in Carlos , Ma	Birk Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise Non-Supprise 

e6	Alternate7	Proxy	Guest
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Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Energya VM	Non Voting	Ortiz Lopez , Jose Ignacio	Adell Almazan, Miguel								
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									
TC Mid-Atlantic Development LLC	Non Voting	Wrenbeck, Tom	Benedict, Nathan								
berdrola Renewables Inc	Non Voting	Allen, Thresa									
innovari, Inc.	Non Voting	Lunt, Robin	Hodges, Brent								
MAG Energy Solutions, Inc.	Non Voting	Roberge, Martin	Vezina, 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									
Caylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page, Allan								
FransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis, Ted									
Fransmission Developers Inc.	Non Voting	Jessome, Donald	Helmer, William								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					