NYISO Business Issues Committee Meeting Minutes June 18, 2014 10:00 a.m. – 11:15 a.m.

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

The chair of the Business Issues Committee (BIC), Mr. Brad Kranz (NRG) 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 guorum was determined.

2. Approval of Meeting Minutes – April 3, 2014 & May 12, 2014

Motion #1:

Motion to approve the Minutes of the April 3, 2014 and May 12, 2014 BIC meeting. *Motion passed unanimously with an abstention.*

3. Market Operations Report/Seams Report

Mr. Rana Mukerji (NYISO) reviewed the Market Operations report included with the meeting material. Mr. Mukerji also reviewed the seams report included with the meeting material. Ms. Marji Philips (Direct Energy) asked about unaccounted energy percentages in Zone H. She noted there was a significant drop since March 2013 and asked for an explanation Mr. Mukerji said he would take it as an action item to find out.

Mr. Scott Leuthauser (HQ US) asked if CTS with PJM would be rolled out in phases. Mr. Mike DeSocio (NYISO) explained that all 15 minute transaction evaluations will be closer to real time by 15 minutes followed two weeks later by the activation of CTS scheduling for all of PJM proxies at once.

4. Planning Update

Mr. Henry Chao (NYISO) stated the Draft RNA will be reviewed at the June 20 ESPWG meeting.

5. Comprehensive Shortage Pricing Review – Scarcity & Shortage Pricing

Mr. DeSocio (NYISO) reviewed the presentation included with the meeting material. Mr. Bob Boyle (NYPA) asked how Emergency Demand Response Program and Special Case Resources would be called. Mr. DeSocio explained that the NYISO would have to figure out how many MWs to model, which could be the full call amount or a reduced amount based on the anticipated performance. He added that additional discussions would be held before market rule changes were finalized. Mr. Jim Schiederich (NRG) asked NYISO to consider the historical average ramp effects of SCRs. Mr. Rich Miller (Con Ed) asked if NYISO had a sense of the percent of time that regional shortages occur simultaneously. Mr. DeSocio said the NYISO did not have exact metrics on regional shortages but, anecdotally, the NYISO has not observed shortages simultaneously with other regions until recently. Mr. Miller noted that it should be part of the analysis. Mr. Mike Kramek (Boston Energy Trading & Marketing) asked if the topic will be presented as a package for continued review. Mr. DeSocio explained the plan is to move the topics ahead together, but at some point they could be split.

Motion #2

The Business Issues Committee ("BIC") hereby recommends that the NYISO continues to work with the Market Issues Working Group to continue to refine the proposal as more fully described in the presentation made to the BIC on June 12, 2014.

Motion passed unanimously with abstentions.

6. Elimination of Non-Firm Transmission Service for External Transactions Tariff Revisions

Mr. James Pigeon (NYISO) reviewed the presentation included with the meeting material.

Motion #3

The Business Issues Committee ("BIC") hereby recommends that the Management Committee approve changes to the NYISO's OATT and Services Tariff as described in the presentation entitled "Elimination of Non-Firm Transmission Service for External Transactions", made to the BIC on June 18, 2014.

Motion passed unanimously with abstentions.

7. Clarification to CTS-PJM Credit Requirements

Ms. Sheri Prevratil (NYISO) reviewed the presentation included with the meeting material.

Motion #4

The Business Issues Committee (BIC) hereby recommends that the Management Committee authorize the NYISO staff to file under Section 205 of the Federal Power Act, revisions to Attachment K of the Market Services and Control Area Tariff to clarify the CTS-PJM credit requirement, as described in the presentation entitled "Clarification to CTS-PJM Credit Requirements", made at the June 18, 2014 BIC meeting.

Motion passed unanimously.

8. Working Group Updates

- a. Billing and Accounting Working Group Ms. Debbie Eckels (NYISO) reported that the NYISO has rolled out the new EQR report on DSS and it appeared most of the users were pleased with the outcome
- Credit Policy Working Group Mr. Norman Mah (Con Ed Solutions) reported that the CPWG discussed Credit Policy Enhancements: CTS with PJM Credit Requirement and Projected True-Up Exposure.
- c. Electric System Planning Working Group Mr. Aydemir Nehrozoglu (Con Edison) reported that the group discussed the preliminary RNA results on Friday June 20 and the RNA scenarios are being finalized.
- d. Installed Capacity Working Group Mr. Chris LaRoe (IPPNY) reported that the ICAPWG has not met.
- e. Inter-regional Planning Task Force Ms. Erin Hogan (NYSERDA) reported EIPC efforts are ongoing and the latest material can be found on the EIPC website.
- f. Load Forecasting Task Force Ms. Leigh Bullock (NYISO) reported the LFTF would meet following the BIC to review the Summer 2014 Capacity Assessment.
- g. Market Issues Working Group –Ms. Patti Caletka (NYSEG) reported MIWG reviewed the 2014 State of the Market Report at the last two meetings. An additional discussion is planned for a future ICAP meeting to review the Capacity Market discussion.
- h. Price Responsive Load Working Group No update.

9. New Business

Ms. Sheri Prevratil (NYISO) reminded Market Participants that, effective June 19, the CMS deployment regarding cash collateral refunds will go through CMS system; after today it will have to be done through the CMS.

The meeting adjourned at 11:15 a.m.

Business Issues Committee

June 18, 2014 Meeting Final Motions

Motion #1:

Motion to approve the minutes of the April 3, 2014 and May 12, 2014 BIC meetings.

Motion passed unanimously.

Motion #2:

The Business Issues Committee ("BIC") hereby recommends that the NYISO continues to work with the Market Issues Working Group to continue to refine the proposal as more fully described in the presentation made to the BIC on June 18, 2014.

Motion passed unanimously with an abstention.

Motion #3:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee approve changes to the NYISO's OATT and Services Tariff as described in the presentation entitled "Elimination of Non-Firm Transmission Service for External Transactions", made to the BIC on June 18, 2014.

Motion passed unanimously with abstentions.

Motion #4:

The Business Issues Committee (BIC) hereby recommends that the Management Committee authorize the NYISO staff to file under Section 205 of the Federal Power Act, revisions to Attachment K of the Market Services and Control Area Tariff to clarify the CTS-PJM credit requirement, as described in the presentation entitled "Clarification to CTS-PJM Credit Requirements", made at the June 18, 2014 BIC meeting.

Motion passed unanimously.

New York Independent System Operator - Committee Membership

Business Issues Committee - June 18, 2014 - Teleconference - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
toria Energy LLC	Generation Owners	McCall, Chuck	Habib , Phillipe	Singer, Leonard						Ĭ	
PV Valley LLC	Generation Owners	Remillard, Steven	DellOrto, Ken	Bruno , Michael	Felak, Rich						
alpine	Generation Owners	Kruse, Brett	Berend, Seth	Flumerfelt, John	Garcia, Max	Webb, David					
ricket Valley Energy Center	Generation Owners	De Meyere , Bob	Wallenstein , Arnold	Ahrens , Jeff							
OP Renewables North America LLC	Generation Owners	Berruecos, Pablo	Fitzgerald, Daniel								
ast Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty, Thomas	Fisher , Amy							
ntergy Nuclear Northeast	Generation Owners	Milici, Rich	Potkin, Marc	✓ Saia, Doreen							
oward Wind LLC	Generation Owners	Merich, Olivia	Rugh , Chris								
deck Energy Services, Inc.	Generation Owners	Ferguson, Mike	Schrage, John	✓Younger, Mark							
novative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott								
venergy Energy Management LLC	Generation Owners	Ma, Alex	Goldstein, Michael	Orzel , Chris							
ational Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe, Brian								
ew Athens Generating Co. LLC	Generation Owners	Breen, Jack	DellOrto, Ken	DeVinney, Dan	Felak, Rich						
oble Environmental Power LLC	Generation Owners	Silton , Harry									
elkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan , James								
omerset Operating Company, LLC	Generation Owners	Evanoski, Dave	Goodenough, Jeery								
tephentown Spindle, LLC	Generation Owners	Berlinski , Mike	Yu, An	Hebert , Chris							
C 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	G: Y						
BlueRock Energy, Inc.	Other Suppliers	Nichols , Jim	Eno , Jason	VanHorne, Phil	Gipson , Jon						
Boston Energy Marketing & Trading	Other Suppliers	Kramek, Mike									
rookfield Energy Marketing	Other Suppliers	Francis, Frank	Ricketts, Robert	Whyte, Daniel							
astleton Commodities Merchant Trading L.P.	Other Suppliers	Sun, Xijian	Cheong, Mei								
Citigroup Energy Inc.	Other Suppliers	Trayers, Barry		,							
omverge/Enerwise Global Technologies	Other Suppliers	Geoghan, Stephen	Lacey, Frank	Ackerman, Alan							
on Edison Solutions Inc.	Other Suppliers	Mah, Norman	Wemple, Steve								
Constellation New Energy	Other Suppliers	McCartney, Glen	Wentlent, Chris								
Cross Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose								
OC Energy	Other Suppliers	Bleiweis, Bruce	Carpenter, Chris	Stevens, Andrew	Tate, Matthew	Milberg, Sadao	Kuo, David	Kent, Aaron			
OTE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	Norris, Paul							
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	Pasch, Carrie		
EnergyConnect	Other Suppliers	Campbell , Bruce	Warta , Jim	Lawrence , David							
Exelon Generating Co. LLC	Other Suppliers	McCartney, Glen	Crowley, Jack	Berg , William							
GDF Suez Energy NA, Inc.	Other Suppliers	Levine , Jeffrey	Hawkins , Darin	Campbell, Chad							
Galt Power	Other Suppliers	Fernands , Rochelle	Ackerman, Alan								
Great Bay Energy IV, LLC	Other Suppliers	Franco, Eugene	Colon , Antonio								
IQ Energy Services US	Other Suppliers	Bernier , Luc	Plante , Matthieu	✓ Leuthauser, Scott	Vennes, Yannick						
less Corporpration	Other Suppliers	Sobieski, Dennis									
ess Energy Marketing, LLC	Other Suppliers	✓ Philips , Marjorie	Comstock, Read								
perdrola Renewables Inc	Other Suppliers	Allen, Thresa	YY 16 1 G								
noventive Power	Other Suppliers	Gruber , Craig	Halford, Steve								
ttegrys Energy Services of New York, Inc	Other Suppliers	Haugh, Michael	Cummonter Ct-1								
P. Morgan Ventures Energy Corporatio yonsdale Biomass, LLC	Other Suppliers Other Suppliers	O'Connell , Robert Ralston , William	Cromarty , Chloe Hebel , Nathan	Carrigan , Kathleen							
Jorgan Stanley Capital Group, Inc.	Other Suppliers	Murray, Patrick	Kochonies, Karen	Ezickson, Doron							
RG Power Marketing Inc.	Other Suppliers	Johnson , Shaun	Kranz, Brad	Lagano, Judith							
extEra Energy	Other Suppliers	Applebaum, David	Gardner, Michelle	Gil, David							
oble Americas Gas & Power Corp.	Other Suppliers	Merola, Becky	Kyle , Chris	Oii , Daviu							
ntario Power Generation, Inc.	Other Suppliers	Lacivita, Ken	Gell, Richard	Barr, David	Sheinfield, Joel						
PL EnergyPlus, LLC	Other Suppliers	Weghorst, Brad	Hyzinski, Tom	✓ Weber, Sharon	Greening, Michele	Yannarell, David	Francello , Mark				
SEG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard		Messmer, Robert	Murawski , James	i amaich, David	1 miceno, war				
=-			Carretta , Kenneth	Ahrens, David							
iverbay Corporation	Other Suppliers	Merola , Peter	Freedman, Herbert	Anrens, David	Villegas , Cristina						
ESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt	French, Dave	10 15	YY , 3.50						-
ransCanada 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
Twin Cities Power LLC	Other Suppliers	Staska , Stephanie	Dube , Alex								
U.S. Power Generating Co.	Other Suppliers	✓Baker, Liam	Reese, John								
Viridity Energy, Inc.	Other Suppliers	Freifeld, Allen									
Vitol Inc.	Other Suppliers	✓ Wadsworth , Joe	Viola, Bob	Kam, Kenney							
Central Hudson Gas & Electric Corp.	Transmission Owners	Borchert, John	Chan, Ting	Seitz, Diane							
Consolidated Edison Co. of NY, Inc.	Transmission Owners	✓ Miller, Richard	Nachmias, Stuart	Altobell, Deidre	Butler, Scott	Butterklee, Neil					
National Grid	Transmission Owners	√Franey, Bart	Lodemore, David								
New York State Electric & Gas (NYSEG)	Transmission Owners	✓ Caletka, Patricia	Kinney, Ray	Brophy , Richard							
Orange & Rockland Utilities, Inc.	Transmission Owners										
Rochester Gas and Electric Corp.	Transmission Owners	✓ Caletka, Patricia	Kinney, Ray	Brophy, Richard							
Alcoa, Inc.	Large Consumer	Loughney, Robert	Mager, Michael	✓ Bissell, Garrett	Lang, Kevin						
IBM Corporation	Large Consumer	Loughney, Robert	Mager, Michael	✓ Bissell, Garrett	Lang, Kevin						
Nucor Steel Auburn, Inc.	Large Consumer	Brew , James	Radigan, Frank								
Occidental Chemical Corp.	Large Consumer	Loughney, Robert	Mager, Michael	Bissell, Garrett	Lang, Kevin						
Wegmans Food Markets	Large Consumer	Loughney, Robert	Mager, Michael	✓ Bissell, Garrett	Lang, Kevin						
Metropolitan Transportation Authority	Large Consumer Government Agency	Keller , David	Chou, Frances								
American Sugar Refining, Inc	Small Consumer	George, Quintin	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	✓Bissell, Garrett				
Association for Energy Affordability	Small Consumer	Morris, Jackson	Hepinstall, David	Douglas , Megan		/a					
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Bissell, Garrett					
Fordham University	Small Consumer	Dowling, John	Luthin, Catherine	Loughney, Robert	Mager, Michael	Bissell, Garrett					
Memorial Sloan Kettering Cancer Center	Small Consumer	Dowling, John	Luthin, Catherine	Loughney, Robert	Mager, Michael	Bissell, Garrett					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Bissell, Garrett					
New York University	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	✓Bissell, Garrett					
Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Government Statewide Consumer Advocate	Vigil, Marcos	Rigberg, Saul	Collar, Gregg	Panko , Danielle	Battle, Aiesha					
City of New York - Energy Conservation	Government Small Consumer and Retail Aggregate	Delaney, Michael	Lang, Kevin	✓Bissell, Garrett							
NYS Energy Research & Dev. Authority	Government Small Consumer and Retail Aggregate	Williams, John	✓ Hogan, Erin	Hall , Chris							
Long Island Power Authority	State Power Authorities	✓Clarke, Dave	McNally , Stephen								
New York Power Authority	State Power Authorities	✓ Antinori , Andrew	Boyle, Bob	Fossa, Andrea	Mahoney, Daniel	Wilkie, Brian					
Bath Electric, Gas & Water Systems	Municipalities and Coops	Moore, Ken	✓ Bolbrock, Richard	Cordeiro, Mark							
Freeport Electric	Municipalities and Coops	Fiore, Anthony	Kimlingen, Ted	✓ Rudebusch, Tom	Fiore , Chris						
Jamestown Board of Public Utilities	Municipalities and Coops	Gustafson, David	Leathers, David	Kulig, Steve	✓ Rudebusch, Tom						
Lake Placid Village	Municipalities and Coops	Kroha, Peter	Bolbrock, Richard	Cordeiro, Mark							
Municipal Commission of Boonville	Municipalities and Coops	Stabb, Kenneth	Bolbrock, Richard	Cordeiro, Mark							
Plattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	✓ Bolbrock, Richard	Cordeiro, Mark							
Village of Arcade	Municipalities and Coops	Kilburn, Larry	✓ Bolbrock, Richard	Cordeiro, Mark							
Village of Fairport	Municipalities and Coops	Moore, Ken	✓ Bolbrock, Richard	Cordeiro, Mark							
Village of Rockville Centre	Municipalities and Coops	Pallas, Paul	Cardile, Thomas	✓ Rudebusch, Tom							
Village of Solvay	Municipalities and Coops	Mondre, Judith	✓ Bolbrock, Richard	Cordeiro, Mark							
Village of Westfield	Municipalities and Coops	Hamilton, James	✓ Bolbrock, Richard	Cordeiro, Mark							
American Lung Association	Environmental	Morris, Jackson	Seilback, Michaek	O'Neill, Kathleen							
American Wind Energy Association	Environmental	Strauss, Valerie	Gramlich, Robert	N. J. W. J.							
Environmental Advocates Natural Resources Defence Council	Environmental Environmental	Bambrick , Conor	Morris, Jackson	Nadeau , Katherine		-	+				
Natural Resources Defense Council PACE Energy & Climate Center	Environmental Environmental	Morris, Jackson Gahl, David	Clements , Allison Morris, Jackson	Kennedy , Kit Bourgeois, Tom	Lawrence , David	1					
Riverkeeper	Environmental	Morris, Jackson	Musegaas , Phillip	Gallay , Paul	Zamence, David	1					
Ace Energy Company, Inc.	Non Voting	Lynch, Stephen									
Air Energy TCI, Inc.	Non Voting	O'Connor , Brett									
Alliance for Clean Energy New York	Non Voting	Strauss, Valerie									
Anbaric Northeast Transmission Development Co.	Non Voting	Sanderson , Barry									
Beacon Power LLC	Non Voting	Berlinski , Mike	Yu, An	Hebert , Chris							
Boundless Energy, LLC	Non Voting	Tompkins John, E.	Pratt , Charles								
Bruce Power CB Energy Marketing (US) Inc.	Non Voting	Viswanathan , Samira	Meyer , Sandra	Virber Amilian		-					
CP Energy Marketing (US) Inc. Caithness Energy LLC	Non Voting Non Voting	Bursaw , Christopher Keevill , Gary	Renouf, James Delgado, Jeffrey	Kirby , Amber Garber, Mitchell							
Customized Energy Solutions	Non Voting Non Voting	Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	✓ Ackerman, Alan	✓Lundin , Tim					
Demand Response Partners	Non Voting	Dorn , Andrew	Wiedl, Denise	Restoue, Caryii	1 Pacinian, Alan	¥ Dandin, Tilli					
Ecogen	Non Voting	Hagner, Thomas				1					
Energetix, Inc.	Non Voting	Comstock , Read				1					
Energy Curtailment Specialists	Non Voting	Pieniazek, Marie	✓ Scheiderich , Jim	Lynch, Stephen	Korczykowski, Jim						
First Wind Holdings, LLC	Non Voting	Keene, John	Salehian , Afshin								

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Fluent Energy	Non Voting	Acampora , Peter	Begley, Jeff	Doll, Ed							
Hudson River Energy Group	Non Voting	Radigan, Frank	Canfield, Richard								
Hydro-Quebec TransEnergie	Non Voting	Prevost , Michel									
MAG Energy Solutions, Inc.	Non Voting	Roberge, Martin	Vezina, Alexandre								
NYS Department of Public Service	Non Voting	Paynter, Thomas	Evans , Adam								
Noble Americas Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap, Jade	Sunga, Leonard							
ortheast Clean Heat & Power Initiative	Non Voting	De Veer , Henrietta	Banach, Timothy								
BC Energy Services, LP	Non Voting	Burnham, Steve	Fraiture, Christian	Doolittle, Robin							
ed Wolf Energy Trading, LLC	Non Voting	Sharma, Rishi									
aracen Energy East LP	Non Voting	Peebles , Andy									
aranac Power Partners	Non Voting	Wible, Steven									
iemens Energy, Inc.	Non Voting	Feltes, James									
aylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page, Allan								
ransAlta	Non Voting	Nivolianitis, Ted									
ransmission Developers Inc.	Non Voting	Jessome , Donald	Helmer, William								
Villiam P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					

NYISO Employees

Prevratil, Sheri

Chao, Henry

DeSocio, Michael

Mukerji, Rana

Dixon, Kirk

Eckels, Debbie Seibert, Mark