NYISO Business Issues Committee Meeting Minutes May 13, 2015 10:00 a.m. – 10:30 a.m.

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

The chair of the Business Issues Committee (BIC), Ms. Patti Caletka (NYSEG and RG&E) called the meeting to order at 10:10 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 15, 2015

Motion #1:

Motion to approve the Minutes of the April 15, 2015 BIC meeting.

Motion passed unanimously.

3. Market Operations Report/Seams Report

Mr. Rana Mukerji (NYISO) reviewed the Market Operations and Seams reports included with the meeting material.

4. Planning Update

Mr. Henry Chao (NYISO) reported that Levitan will provide a review of the EIPC Gas-Electric System Interface Study at the May 19 EGCWG. He also stated preliminary work on 2015 CARIS is underway at the ESPWG and the CRP will be acted upon at the May 27 Management Committee meeting.

6. Working Group Updates

- Billing and Accounting Working Group: NYISO reviewed the Grid Accounting Reports.
- Electric System Planning Working Group: ESPWG has been working to finalize a pro forma Development Agreement for alternative regulated solutions selected in the reliability planning process. ESPWG began review of a draft pro forma agreement in January and returned to its review in the last month. The NYISO must submit the pro forma agreement to FERC for review by May 15. ESPWG has also been working to finalize the base case assumptions and scenarios for this year's CARIS 1 study. Scenarios will likely be finalized at the next ESPWG on 5/22 and assumptions about the costs of generic solutions shortly thereafter. Preliminary base case results may be presented at the ESPWG meeting in early June. At upcoming meetings, ESPWG will also return to its review of a draft manual for the Public Policy Planning Process. Cost allocation for transmission security upgrades and a pro forma Operating Agreement applicable to non-incumbent projects are other projects in the queue.
- Installed Capacity Working Group: reviewed BTMNG Capacity Market Issues and had a preliminary discussion on the FERC RMR Order. The ICAP will next meet on May 18.
- Inter-regional Planning Task Force: Will meet on May 21.
- Load Forecasting Task Force: The group has not met.
- Market Issues Working Group: On May 20th MIWG discussed CTS with NE Tariff Revisions, Revisions to the Reference Level Manual MST Attachment H, Comprehensive Shortage Pricing, Comprehensive Scarcity Pricing, BTMNG: Coast Allocation for BTM Loads and the BRM Metrics Report. The MIWG will next meet on May 18.
- Price Responsive Load Working Group: met jointly with ICAP to discuss BTMNG Capacity Market Issues and MIWG to discuss BTMNG Energy Market Issues. The group will next meet jointly with MIWG/ICAP on May 18.

- **Credit Policy Working Group**: The group reviewed the Foreign Guaranty Presentation by Direct Energy and kicked off discussions on the Balance-of-Period TCC Credit Policy.
- Electric Gas Coordination Working Group: The group will meet on May 19.

7. New Business

There was no new business.

The meeting adjourned at 10:30 am.

Business Issues Committee Meeting

May 13, 2015 Final Motions

Motion #1

Motion to approve the Minutes of the April 15 BIC meeting.

Motion passed unanimously with an abstention.

New York Independent System Operator - Committee Membership

Business Issues Committee - May 13, 2015 - KCC - 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	Milici, Rich	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						1
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	Ricketts, Robert	Whyte, Daniel								
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss , Gordon	Cheong, Mei								
Citigroup Energy Inc. Con Edison Solutions Inc.	Other Suppliers	Trayers, Barry	W 1 C								
	Other Suppliers	Mah, Norman	Wemple, Steve	W: 1 G		•					
Constellation New Energy	Other Suppliers	McCartney, Glen	Wentlent, Chris	Kirk , Steven		-					+
Cross Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose	Tate, Matthew	Milhous Codes	Kuo, David					
DC Energy DTE Energy	Other Suppliers Other Suppliers	Bleiweis, Bruce Pakela, Gregory	Stevens, Andrew Wieszczyk, Raymond	German, Robert	Milberg, Sadao	Ruo, David					
Direct Energy Business Marketing, LLC	Other Suppliers	Philips , Marjorie	Comstock, Read	German , Robert							
Dynegy Power Marketing, Inc.	Other Suppliers	✓ Roby , Rick	Ellis, Dean	Daley , Marty							
EDF Trading North America, LLC	Other Suppliers	Erbrick , Michael	LeForce , Randall	Buley , Marty		•					
EnerNoc 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			İ
Energy Technology Savings	Other Suppliers	Hendler, Jeff	Ross , Valerie	Nudelman, Craig		,					
EnergyConnect	Other Suppliers	Campbell , Bruce	Davis , Robert	Lawrence, David		•					
Enerwise Global Technologies, Inc	Other Suppliers	Markham , Craig	Geoghan, Stephen	Lacey, Frank	✓ Ackerman, Alan						
Exelon Generating Co. LLC	Other Suppliers	McCartney, Glen	Wentlent, Chris	Kirk, Steven							
GDF Suez Energy NA, Inc.	Other Suppliers	Levine , Jeffrey	Hawkins , Darin	Campbell, Chad							İ
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								
Integrys 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							
NextEra Energy	Other Suppliers	Applebaum, David	Gardner , Michelle	Gil, David							
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						
PPL EnergyPlus, LLC	Other Suppliers	Weghorst, Brad	Hyzinski, Tom	Weber, Sharon	Greening, Michele	Yannarell, David	Francello , Mark				
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							
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								
TransCanada Power Marketing, Ltd.	Other Suppliers	Taylor, William	D'Andrea, James	Congel, Dan	Hachey, Mike						
Twin Cities Power LLC	Other Suppliers	Staska , Stephanie	Dube , Alex								
U.S. Power Generating Co.	Other Suppliers	✓ Baker, Liam	Reese, John	✓ LaRoe, Chris			[I

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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	Dittmann, David						
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	Lang, Kevin	Trinsey, Amanda						
IBM Corporation	Large Consumer	Loughney, Robert	Mager, Michael	Lang, Kevin	Trinsey, Amanda						
Nucor Steel Auburn, Inc.	Large Consumer	Brew , James	Radigan, Frank	Kopon, Owen							
Occidental Chemical Corp.	Large Consumer	Loughney, Robert	Mager, Michael	Lang, Kevin	Trinsey , Amanda						
Wegmans Food Markets	Large Consumer	Loughney, Robert	Mager, Michael	Lang, Kevin	Trinsey , Amanda						
Metropolitan Transportation Authority	Large Consumer Government Agency	Keller , David	Chou , Frances	Dending John	I arraharan Dahari	Maran Mishaul	I ama Wassin				
American Sugar Refining, Inc Association for Energy Affordability	Small Consumer Small Consumer	George, Quintin Morris, Jackson	Luthin, Catherine Hepinstall, David	Dowling, John Strauss , Valerie	Loughney, Robert	Mager, Michael	Lang, Kevin				
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Lang, Kevin					
Fordham University	Small Consumer	Dowling, John	Luthin, Catherine	Loughney, Robert	Mager, Michael	Lang, Kevin					
Memorial Sloan Kettering Cancer Center	Small Consumer	Dowling, John	Luthin, Catherine	Loughney, Robert	Mager, Michael	Lang, Kevin					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Lang, Kevin					
New York University	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Lang, Kevin					
Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Government Statewide Consumer Advocate	Hogan , Erin	Rigberg, Saul	Montalvo , Marc	✓Pereira , Alvaro						
City of New York	Government Small Consumer and Retail Aggregate	Lang, Kevin	Mager, Michael	Trinsey, Amanda							
NYS Energy Research & Dev. Authority	Government Small Consumer and Retail Aggregate	Williams, John	✓ Hall , Christopher	d'Aversa , Jon-Paul							
Long Island Power Authority	State Power Authorities	Clarke, Dave	✓ Wilczek , Mariann								
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	Livingston , Al	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	Tracousen, rom						
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	1	Bolbrock, Richard	Cordeiro, Mark							
_	Municipalities and Coops Municipalities and Coops	Kilburn, Larry	Bolbrock, Richard	·							
Village of Packwille Centre	1	Moore, Ken		Cordeiro, Mark ✓ Rudebusch, Tom							
Village of Rockville Centre	Municipalities and Coops Municipalities and Coops	Andreas , Philip	Cardile , Thomas								
Village of Solvay	•	Mondre, Judith	Bolbrock, Richard	Cordeiro, Mark							
Village of Westfield	Municipalities and Coops	Hamilton, James	Bolbrock, Richard	Cordeiro, Mark							
American Lung Association	Environmental	Gahl, David	Seilback, Michaek	Miller , Edward							
American Wind Energy Association	Environmental	Reynolds , Anne	Gramlich, Robert	Man 1 X 1							
Environmental Advocates Natural Resources Defense Council	Environmental Environmental	Bambrick , Conor Morris, Jackson	Gahl , David Clements , Allison	Morris, Jackson Kennedy, Kit							
PACE Energy & Climate Center	Environmental Environmental	Gahl , David	Bowie , John	Morris, Jackson							
Riverkeeper	Environmental	Gallay , Paul	Gahl, David	Morris, Jackson							
Ace Energy Company, Inc.	Non Voting	Lynch, Stephen	Jun., Duriu	monson							
Alliance for Clean Energy New York	Non Voting	Reynolds , Anne									
Anbaric Northeast Transmission Development Co.	Non Voting	Sanderson , Barry									
Beacon Power LLC	Non Voting	Hebert , Chris	Bullwinkel, Aaron	O'Brien , Robin							
Boston Energy Marketing & Trading	Non Voting	✓Kramek, Mike									
Boundless Energy, LLC	Non Voting	Tompkins John, E.	Pratt , Charles								
Bruce Power	Non Voting	Viswanathan , Samira	Meyer, Sandra								
Caithness Energy LLC	Non Voting	Keevill, Gary	Delgado , Jeffrey	Garber, Mitchell							
Cubit Power One Inc.	Non Voting	Powell, Alan	Powell , Leighton	Singer, Leonard							
Customized Energy Solutions	Non Voting	Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	✓ Ackerman, Alan	Lundin, Tim					
Demand Response Partners	Non Voting	Dorn , Andrew	Almeter, Carl	Hourihan, Michael							
Ecogen	Non Voting	Hagner, Thomas									
Energetix, Inc.	Non Voting	Comstock, Read									
Energy Curtailment Specialists	Non Voting	Pieniazek, Marie	✓ Scheiderich , Jim	Lynch, Stephen	Korczykowski, Jim						
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							Ţ	[

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Hydro-Quebec TransEnergie	Non Voting	Prevost , Michel									
Iberdrola Renewables Inc	Non Voting	Allen, Thresa									
MAG Energy Solutions, Inc.	Non Voting	Roberge, Martin	Vezina, Alexandre								
NYS Department of Public Service	Non Voting	✓ Paynter , Thomas	Evans, Adam								
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								
RBC Energy Services, LP	Non Voting	Burnham, Steve	Fraiture, Christian	Doolittle, Robin							
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									
Caylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page, Allan								
CransAlta 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					