

Business Issues Committee Meeting

March 17, 2016

Final Motions

Motion #1:

Motion to approve the Minutes of the January 13, 2016 and February 9, 2016 meeting minute.

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 “Coordination Agreement between ISO-NE and NYISO - Ministerial Clean-Up Revisions” presentation made to the BIC on March 17, 2016.

Motion passed unanimously.

Motion #3a:

Motion to amend motion 3:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve the proposed changes to the ICAP Demand Curve reset (“DCR”) process to implement a four year DCR period with annual updates, as more fully described in the presentations entitled “NYISO 2015/2016 ICAP Demand Curve Reset” and “Proposed DCR Process Changes” made to the BIC on March 17, 2016; provided, however, that: (i) as discussed at the March 17, 2016 BIC meeting, the proposal shall be revised to include the collaring concept, which shall be limited in duration to the 2017-2021 demand curve reset period and will be applicable at the identified percentage levels to the reference point price values for the 2018/2019, 2019/2020 and 2020/2021 Capability Years; and (ii) while the BIC recommends that the winter-summer ratio shall be one of the parameters updated annually, the specific methodology to be applied to calculate annual updates to the winter-summer ratio for the 2017/2018, 2018/2019, 2019/2020 and 2020/2021 Capability Years remains under review and the BIC requests that the ICAP Working Group seek to define the methodology for discussion and action at the MC meeting where the agenda item concerning the revisions to the demand curve reset process is addressed.

Motion passed with 100% affirmative votes.

Motion #3:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve the proposed changes to the ICAP Demand Curve reset (“DCR”) process to implement a four year DCR period with annual updates, as more fully described in the presentations entitled “NYISO 2015/2016 ICAP Demand Curve Reset” and “Proposed DCR Process Changes” made to the BIC on March 17, 2016; provided, however, that: (i) as discussed at the March 17, 2016 BIC meeting, the proposal shall be revised to include the collaring concept, which shall be limited in duration to the 2017-2021 demand curve reset period and will be applicable at the identified percentage levels to the reference point price values for the 2018/2019, 2019/2020 and 2020/2021 Capability Years; and (ii) while the BIC recommends that the winter-summer ratio shall be one of the parameters updated annually, the specific methodology to be applied to calculate annual updates to the winter-summer ratio for the 2017/2018, 2018/2019, 2019/2020 and 2020/2021 Capability Years remains under review and the BIC requests that the ICAP Working Group seek to define the methodology for discussion and action at the MC meeting where the agenda item concerning the revisions to the demand curve reset process is addressed.

Motion passed by majority show of hands with abstentions.

New York Independent System Operator
Business Issues Committee - March 17, 2016

Motion: Motion #Amend

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.50	✓	✓	21.50	6.00	0.00	1.00	21.50	0.00	
Other Suppliers	21.50	✓	✓	21.50	11.00	0.00	7.00	21.50	0.00	
Transmission Owners	20.00	✓	✓	20.00	3.00	0.00	1.00	20.00	0.00	
End Use Consumer			✓							
Large Consumer	9.00	✓		9.00	4.00	0.00	0.00	10.33	0.00	
Large Cons. Gov. Agency	2.00	✓		2.00	0.00	0.00	0.00	0.00	0.00	
Small Consumer	4.50	✓	✓	4.50	6.00	0.00	0.00	5.17	0.00	
Gov. State-wide Cons. Advocate	2.70	✓		2.70	0.00	0.00	1.00	0.00	0.00	
Gov. Sm. Cons. & Retail Aggr.	1.80	✓		1.80	2.00	0.00	0.00	4.50	0.00	
Public Power			✓							
State Power Authorities	8.00	✓		9.07	2.00	0.00	0.00	9.07	0.00	
Munis & Co-ops	7.00	✓		7.93	8.00	0.00	3.00	7.93	0.00	
Environmental	2.00	✓		0.00	0.00	0.00	0.00	0.00	0.00	
				5	100.00	42.00	0.00	13.00	100.00	0.00
					100.00	Normalize to 100% :		100.0	0.0	

New York Independent System Operator

Business Issues Committee - March 17, 2016

Motion: Motion #Amend

Result: Motion Passed

Sector	Organization	Representative	Affiliate	Present	For	Against
Generation Owners	Indeck Energy Services, Inc.	Younger, Mark	N	Y	1.00	0.00
Generation Owners	Astoria Energy LLC	McCall, Chuck	N	Y	1.00	0.00
Generation Owners	Calpine		N	N	0.00	0.00
Generation Owners	CPV Valley LLC	Litchfield, Matt	N	Y	1.00	0.00
Generation Owners	East Coast Power, LLC	Shanker, Roy	N	Y	1.00	0.00
Generation Owners	Entergy Nuclear Northeast	Saia, Doreen	N	Y	1.00	0.00
Generation Owners	Innovative Energy Systems		Y	N	0.00	0.00
Generation Owners	Noble Environmental Power LLC		N	N	0.00	0.00
Generation Owners	Selkirk Cogen Partners, LP		Y	N	0.00	0.00
Generation Owners	TC Ravenswood, Inc.	LaRoe, Chris	N	Y	1.00	0.00
Generation Owners	EDP Renewables North America LLC		N	N	0.00	0.00
Generation Owners	Cricket Valley Energy Center		N	N	0.00	0.00
Generation Owners	Invenergy Energy Management LLC		N	N	0.00	0.00
Generation Owners	National Grid Generation LLC		Y	N	0.00	0.00
Generation Owners	Somerset Operating Company, LLC	Evanoski, Dave	N	Y	0.00	0.00
Generation Owners	Howard Wind LLC		N	N	0.00	0.00
Other Suppliers	BJ Energy LLC		N	N	0.00	0.00
Other Suppliers	Citigroup Energy Inc.		N	N	0.00	0.00
Other Suppliers	Con Edison Solutions Inc.		Y	N	0.00	0.00
Other Suppliers	Constellation New Energy		Y	N	0.00	0.00
Other Suppliers	Cross Sound Cable Company, LLC		N	N	0.00	0.00
Other Suppliers	DC Energy	Bleiweis, Bruce	N	Y	0.00	0.00
Other Suppliers	DTE Energy		N	N	0.00	0.00
Other Suppliers	Energy Spectrum	Ahrens, David	N	Y	0.00	0.00
Other Suppliers	EnerNoc		N	N	0.00	0.00
Other Suppliers	Galt Power	Ackerman, Alan	N	Y	0.00	0.00
Other Suppliers	HQ Energy Services US	Bernier, Luc	N	Y	1.00	0.00
Other Suppliers	Integrays Energy Services of New York, Inc		Y	N	0.00	0.00
Other Suppliers	Morgan Stanley Capital Group, Inc.		N	N	0.00	0.00
Other Suppliers	NRG Power Marketing Inc.	Joseph, Kelli	N	Y	0.00	0.00
Other Suppliers	Ontario Power Generation, Inc.		N	N	0.00	0.00
Other Suppliers	Exelon Generating Co. LLC	Kirk, Steven	N	Y	1.00	0.00
Other Suppliers	PSEG Energy Resource & Trade, LLC	Fromer, Howard	N	Y	1.00	0.00
Other Suppliers	SESCO Enterprises, LLC		N	N	0.00	0.00
Other Suppliers	Shell Energy North America, LLC		N	N	0.00	0.00
Other Suppliers	TransCanada Power Marketing, Ltd.		Y	N	0.00	0.00
Other Suppliers	U.S. Power Generating Co.	Baker, Liam	N	Y	1.00	0.00
Other Suppliers	BP Energy Company		N	N	0.00	0.00
Other Suppliers	EDF Trading North America, LLC		N	N	0.00	0.00
Other Suppliers	NextEra Energy	Applebaum, David	N	Y	1.00	0.00
Other Suppliers	Innoventive Power		N	N	0.00	0.00
Other Suppliers	Vitol Inc.		N	N	0.00	0.00
Other Suppliers	GDF Suez Energy NA, Inc.		Y	N	0.00	0.00
Other Suppliers	Viridity Energy, Inc.		N	N	0.00	0.00
Other Suppliers	Riverbay Corporation	Ahrens, David	N	Y	0.00	0.00
Other Suppliers	EnergyConnect	Lawrence, David	N	Y	0.00	0.00
Other Suppliers	Castleton Commodities Merchant Trading L.P.		N	N	0.00	0.00
Other Suppliers	BlueRock Energy, Inc.		N	N	0.00	0.00

Sector	Organization	Representative	Affiliate	Present	For	Against
Other Suppliers	Noble Americas Gas & Power Corp.	Sunga, Leonard	N	Y	1.00	0.00
Other Suppliers	Lyonsdale Biomass, LLC		N	N	0.00	0.00
Other Suppliers	Direct Energy Business Marketing, LLC	Philips, Marjorie	N	Y	1.00	0.00
Other Suppliers	Energy Technology Savings		N	N	0.00	0.00
Other Suppliers	Mercuria Energy America, Inc.	Younger, Mark	N	Y	1.00	0.00
Other Suppliers	Powerex Corporation		N	N	0.00	0.00
Other Suppliers	Repsol Energy North America Corporation		N	N	0.00	0.00
Other Suppliers	Talen Energy	Hyzinski, Tom	N	Y	1.00	0.00
Other Suppliers	CPower	Ackerman, Alan	N	Y	0.00	0.00
Other Suppliers	XO Energy NY, LP		N	N	0.00	0.00
Other Suppliers	Dynergy Marketing and Trade	Roby, Rick	N	Y	1.00	0.00
Other Suppliers	Brookfield Energy Marketing L.P.	LaRoe, Chris	N	Y	1.00	0.00
Transmission Owners	New York State Electric & Gas (NYSEG)	Caletka, Patricia	N	Y	1.00	0.00
Transmission Owners	Central Hudson Gas & Electric Corp.	Borchert, John	N	Y	0.00	0.00
Transmission Owners	Consolidated Edison Co. of NY, Inc.	Quin, Jane	N	Y	1.00	0.00
Transmission Owners	National Grid	Carron, Benjamin	N	Y	1.00	0.00
Transmission Owners	Orange & Rockland Utilities, Inc.		Y	N	0.00	0.00
Transmission Owners	Rochester Gas and Electric Corp.		Y	N	0.00	0.00
End Use - Large Consumer	Alcoa, Inc.	Mager, Michael	N	Y	1.00	0.00
End Use - Large Consumer	IBM Corporation	Mager, Michael	N	Y	1.00	0.00
End Use - Large Consumer	Occidental Chemical Corp.	Mager, Michael	N	Y	1.00	0.00
End Use - Large Consumer	Wegmans Food Markets	Mager, Michael	N	Y	1.00	0.00
End Use - Large Consumer	Nucor Steel Auburn, Inc.		N	N	0.00	0.00
End Use - Large Cons. Gov. Agency	Metropolitan Transportation Authority		N	N	0.00	0.00
End Use - Small Consumer	American Sugar Refining, Inc	Mager, Michael	N	Y	1.00	0.00
End Use - Small Consumer	Beth Israel Health Care System	Mager, Michael	N	Y	1.00	0.00
End Use - Small Consumer	Fordham University	Mager, Michael	N	Y	1.00	0.00
End Use - Small Consumer	Memorial Sloan Kettering Cancer Center	Mager, Michael	N	Y	1.00	0.00
End Use - Small Consumer	Mount Sinai Medical Center	Mager, Michael	N	Y	1.00	0.00
End Use - Small Consumer	New York University	Mager, Michael	N	Y	1.00	0.00
End Use - Small Consumer	Association for Energy Affordability		N	N	0.00	0.00
End Use - Gov. State-wide Cons. Advocate	Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Hogan, Erin	N	Y	0.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	NYS Energy Research & Dev. Authority	Hall, Christopher	N	Y	1.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	City of New York	Mager, Michael	N	Y	1.00	0.00
Public Power - State Power Authorities	Long Island Power Authority	Clarke, Dave	N	Y	1.00	0.00
Public Power - State Power Authorities	New York Power Authority	Antinori, Andrew	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Freeport Electric	Rudebusch, Tom	N	Y	0.00	0.00
Public Power - Munis & Co-ops	Jamestown Board of Public Utilities	Rudebusch, Tom	N	Y	0.00	0.00
Public Power - Munis & Co-ops	Lake Placid Village	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Municipal Commission of Boonville	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Westfield	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Solvay	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Arcade	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Fairport	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Rockville Centre	Rudebusch, Tom	N	Y	0.00	0.00
Public Power - Environmental	American Lung Association		N	N	0.00	0.00
Public Power - Environmental	American Wind Energy Association		N	N	0.00	0.00
Public Power - Environmental	Environmental Advocates		N	N	0.00	0.00
Public Power - Environmental	Natural Resources Defense Council		N	N	0.00	0.00
Public Power - Environmental	PACE Energy & Climate Center		N	N	0.00	0.00
Public Power - Environmental	Riverkeeper		N	N	0.00	0.00

New York Independent System Operator - Committee Membership
Business Issues Committee - March 17, 2016 - NYISO - 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	Grimes , Mike	Nemeth , Jeffrey	Dictor , Stephen					
East Coast Power, LLC	Generation Owners	✓ Shanker, Roy	✓ Fogarty , Thomas	Fisher , Amy	Lee , Tina	Franzetti , Paul					
Entergy Nuclear Northeast	Generation Owners	Logan , Kathy	Potkin , Marc	✓ Saia, Doreen	Del Orto , Ken						
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					✓ LaRoe, Chris	
BJ Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
BP Energy Company	Other Suppliers	Briscoe , Judy	Magruder , Kathy								
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	Markham , Craig	Lacey , Frank	Damaskos , Deno	✓ Ackerman, Alan						
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	McCartney, Glen	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	Kuo, David					
DTE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	German , Robert							
Direct Energy Business Marketing, LLC	Other Suppliers	✓ Philips , Marjorie	Comstock , Read								
Dynegy Marketing and Trade	Other Suppliers	✓ Roby , Rick	Ellis, Dean	Ziegler , Pete							
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	Cinadr , Matt		
Energy Technology Savings	Other Suppliers	Hendler , Jeff	Ross , Valerie								
EnergyConnect	Other Suppliers	Campbell , Bruce	Davis , Robert	✓ Lawrence , David							
Exelon Generating Co. LLC	Other Suppliers	Sears , Deborah	Wentlent, Chris	✓ Kirk , Steven							
GDF Suez Energy NA, Inc.	Other Suppliers	Levine , Jeffrey	Hawkins , Darin	Campbell , Chad							Kirk, steve
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								
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							
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						
Powerex Corporation	Other Suppliers	Tang , Glen	Dion , Julien	Fichten , Murray							
Repsol Energy North America Corporation	Other Suppliers	Moreton , Samuel	Horvath , Peter								
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	French, Dave								
Talen Energy	Other Suppliers	✓ Hyzinski , Tom	Greening , Michele								
TransCanada Power Marketing, Ltd.	Other Suppliers	Taylor, William	D'Andrea, James	Congel, Dan	Hachey, Mike						
U.S. Power Generating Co.	Other Suppliers	✓ Baker, Liam	Reese, John	✓ Younger, Mark	Schwall , Matthew	Johnson , David	Wolcott , Tyler				

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Fluent Energy	Non Voting	Acampora , Peter	Doll , Ed								
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	Roberge, Martin	Vezina, Alexandre								
NRG Curtailment Solutions, Inc.	Non Voting	Pieniasek, Marie	✓ Scheiderich , Jim	Lynch, Stephen	Korczykowski , Jim						
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									
New York Transco	Non Voting	Nachmias, Stuart	Hiti , Nabil	Allen , Richard	Carrigan , Kathleen						
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			
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	Sharma , Rishi									
Richard P. Felak	Non Voting	Felak, Rich									
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								
TransAlta 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					