## NYISO Business Issues Committee Meeting Minutes August 7, 2019 10:00 a.m. – 10:20 a.m.

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

Mr. Aaron Breidenbaugh (Consumer Power Advocates) called the meeting to order at 10:00 a.m. by welcoming the members of the BIC. The members of the BICidentified themselves and attendance was recorded. A quorum was determined.

#### 2. Market Operations Report and Broader Regional Markets Report

Mr. Robb Pike (NYISO) stated that due to the early timing of the meeting within the month, the Market Performance Highlights were not yet available for review. It was further noted that the Market Operations Report would be posted as part of the meeting material once available.

Mr. Pike reviewed the Broader Regional Markets Report included with the meeting material. There were no questions or comments.

#### 3. External SRE Proposal Manual Changes

Ms. Amanda Carney (NYISO) reviewed the presentation included with the meeting material.

Mr. Howard Fromer (PSEG) asked for clarification regarding the proposed changes within Section 6.5 of the Transmission and Dispatch Operations Manual related to the notice requirements to external capacity suppliers. Ms. Carney clarified that the proposed revisions do not alter the existing notice requirements for external resources, instead the revisions include a hyperlink to an alternative location from which such notices can be obtained.

Mr. Jim D'Andrea (Helix Ravenswood) requested confirmation that the proposed manual revisions are consistent with the applicable tariff requirements. Ms. Carney stated that the proposed manual revisions are consistent with the applicable tariff provisions related to the performance requirements of external capacity suppliers in response to a Supplemental Resource Evaluation (SRE) request.

#### Motion #1:

The Business Issues Committee ("BIC") hereby approves the revisions to the Installed Capacity Manual and Transmission and Dispatch Operations Manual as presented and discussed at the BIC meeting on August 7th, 2019; provided, however, that approval of the proposed revisions is contingent on acceptance of the proposal to implement new requirements for External Installed Capacity Suppliers in responding to a Supplemental Resource Evaluation, and the associated penalty, by the Federal Energy Regulatory Commission (FERC Docket No. ER19-2104-000).

Motion passed unanimously with abstentions.

#### 4. Working Group Updates

- Billing and Accounting and Credit Working Group: The group has not met since the last BIC meeting.
- <u>Electric System Planning Working Group</u>: The group met jointly with ICAPWG on August 6, 2019 and reviewed the key study assumptions for the Generator Deactivation Assessment for the Albany LFGE facility, potential improvements to the Class Year Study and interconnection processes, updates to Consolidated Edison's local transmission planning criteria, assumptions and preliminary benchmarking results for the 2019 Congestion Assessment and Resource Integration Study (CARIS) Phase 1 analysis, and a proposal regarding the addition of a cost containment metric as part of the Public Policy Transmission Planning Process.
- <u>Installed Capacity Working Group</u>: The group has met three times since the last BIC meeting, including joint meetings with ESPWG, MIWG and/or PRLWG. On July 24, 2019, the group met and reviewed a proposal for revising the availability calculation methodologies for capacity supply resources. The group met on August 2, 2019

and reviewed a presentation by Analysis Group regarding preliminary results from the ongoing fuel and energy security assessment, and a proposal regarding potential revisions to the types of permissible contracts allowed as part of the competitive entry exemption from the buyer-side mitigation rules. The group met on August 6, 2019 and reviewed potential improvements to the Class Year Study and interconnection processes.

- Load Forecasting Task Force: The group has not met since the last BIC meeting.
- Market Issues Working Group: The group met jointly with ICAPWG and PRLWG on August 2, 2019 and reviewed a
  presentation by Analysis Group regarding preliminary results from the ongoing fuel and energy security
  assessment.
- <u>Price Responsive Load Working Group</u>: The group met jointly with MIWG and ICAPWG on August 2, 2019 and reviewed a presentation by Analysis Group regarding preliminary results from the ongoing fuel and energy security assessment.

#### 5. New Business

Mr. Mark Younger (Hudson Energy Economics) requested that the NYISO clarify the "Capacity by Proxy" terminology used on the "System Conditions" portion of the NYISO's website.

The meeting adjourned at 10:20 a.m.

## **Business Issues Committee**

# August 07, 2019 Meeting Final Motions

#### Motion:

The Business Issues Committee ("BIC") hereby approves the revisions to the Installed Capacity Manual and Transmission and Dispatch Operations Manual as presented and discussed at the BIC meeting on August 7<sup>th</sup>, 2019; provided, however, that approval of the proposed revisions is contingent on acceptance of the proposal to implement new requirements for External Installed Capacity Suppliers in responding to a Supplemental Resource Evaluation, and the associated penalty, by the Federal Energy Regulatory Commission (FERC Docket No. ER19-2104-000).

Motion passed unanimously with abstentions.

## **New York Independent System Operator - Committee Membership**

### Business Issues Committee - August 07, 2019 - Teleconference - 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					Ĭ	
Bayonne Energy Center, LLC	Generation Owners	Allman, Ellen	Caplan, Stu								
CPV Valley LLC	Generation Owners	Litchfield , Matt	Rumsey, Tom	Pierpont , Daniel							
Calpine	Generation Owners	Kruse, Brett	Reitmeyer, Jay	Flumerfelt, John	Schleimer, Steve	Schwall, Matthew					
Covanta Niagara, LP	Generation Owners	Burke , David	Abbott, Sharon								
Cricket Valley Energy Center	Generation Owners	Davis , Charles	Wallenstein, Arnold	Paryl, Ron							
Danskammer Energy, LLC	Generation Owners	Reid , William	Cada, Eric							✓ Gray, Thomas	
EDP Renewables North America LLC	Generation Owners	Brodbeck, John	Kaplan, Seth	Ingalls , Kellen	Loturco, Thomas	High , Jeremy	Priemer, Dustin				
East Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty, Thomas	McEachern, Ben	Franzetti , Paul						
Empire Generating Co, LLC	Generation Owners	Nuss , Kurt	Argetsinger, Andrew	Willson, Darrell	Swenson, Nils						
Entergy Nuclear Northeast	Generation Owners	Dell Orto , Ken	Saia, Doreen	Bergeron , John		-					
Helix Ravenswood LLC	Generation Owners	D'Andrea , James	Kline, Marc	DiBari , Dominic							
Howard Wind LLC	Generation Owners	Merich , Olivia	Rugh , Chris								
Indeck Energy Services, Inc.	Generation Owners	1	✓ Younger, Mark								
Innovative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott			-					
Invenergy Energy Management LLC	Generation Owners	Pakula , Maggie	Goldstein, Michael	Orzel , Chris							
National Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe , Brian			-					
Selkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan , James	, , , , ,		•					
Somerset Operating Company, LLC	Generation Owners	Gregson , Brian	Goodenough , Jeery	Love , Jordan		+					
BJ Energy LLC BP Energy Company	Other Suppliers Other Suppliers	Ni, Bing	Lee, George	✓ Ackerman, Alan							
		Chintapalli , Raj Shah , Kinjal	Magruder , Kathy			+					
BioUrja Power, LLC	Other Suppliers	VanHorne, Phil	Patel , Ankeet	Eamani , Arun	Klaben, Jason	•					
BlueRock Energy, Inc. Brookfield Energy Marketing L.P.	Other Suppliers Other Suppliers	LaRoe, Chris	Campese , Bobby Talamo , Marco	Quill , Megan Dallaire , Eric	Lund, Roxana						
CPower	Other Suppliers	Dotson-Westphalen , Peter	Hourihan, Michael	Damaskos , Deno	Campbell , Bruce						
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss , Gordon	Romine , Brad	Emmett, Robert	Cumpsen, Bruce						
Citigroup Energy Inc.	Other Suppliers	Trayers, Barry	romme, Brau	Zimilett , Robert							
Con Edison Solutions Inc.	Other Suppliers	Mah, Norman	Dannels , Jeff								
Constellation New Energy	Other Suppliers	Barlette, Richard	Kirk , Steven								
Cross Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose			İ					
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	Galarneau, Kenneth	Philips, Marjorie								
Drift Marketplace, Inc.	Other Suppliers	Tilley, Alan	Robinson , Greg								
Dynegy Marketing and Trade	Other Suppliers	Frazier, Amanda	Allen, Sean								
ENEL X	Other Suppliers	Geller, Greg	Chibani, Yanis								
ENGIE Energy Marketing NA, Inc.	Other Suppliers	Levine, Jeffrey	Hawkins, Darin	Campbell , Chad							
Eastern Generation	Other Suppliers	Baker, Liam	Reese, John	Younger, Mark	Schwall, Matthew	Johnson , David	Wolcott, Tyler				
Energy Spectrum	Other Suppliers	David, Gary	Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland, William	Villegas, Cristina	Cinadr , Matt		
Energy Technology Savings Inc. d/b/a Logical Buildings	Other Suppliers	Hendler , Jeff	Ross , Valerie								
Exelon Generating Co. LLC	Other Suppliers	Barlette, Richard	Kirk, Steven								
Galt Power	Other Suppliers	Fernands, Rochelle	Ackerman, Alan								
HQ Energy Services US	Other Suppliers	Plante, Matthieu	✓ Leuthauser, Scott	Guilbault, Louis	Bélanger, Frédéric						
Innoventive Power	Other Suppliers	Gruber, Craig	Halford, Steve								
Lyonsdale Biomass, LLC	Other Suppliers	Ralston, William	Hebel, Nathan	Carrigan , Kathleen							
Mercuria Energy America, Inc.	Other Suppliers	Davis , Andrew	✓Younger, Mark	Frye, Samuel							
Morgan Stanley Capital Group, Inc.	Other Suppliers	Kochonies, Karen	Meditz , Alex	Grimes , Jordan		İ					
NRG Power Marketing Inc.	Other Suppliers	Fitch, Neal	Hsia, Jennifer	Cona , Lisa	Kranz , Bradley						
New York Transco	Other Suppliers	Mullin, Victor	Hitti , Nabil	Caso , Rob	Carrigan, Kathleen	McKinney , Jeff					
NextEra Energy	Other Suppliers	Applebaum, David	Tuck, Jennifer	Gibelli , Stephen							
Ontario Power Generation, Inc.	Other Suppliers	Gell, Richard									
PSEG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	DePillo, Raymond	Cimino, David	Murawski , James						
Riverbay Corporation	Other Suppliers	Merola, Peter	Ellison, Noel								
SESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt									
Stephentown Spindle, LLC	Other Suppliers	Streeter, Christopher									
Talen Energy	Other Suppliers	Toomey, Megan	Hohenshilt , Jennifer	Labella, Julie	Raggio , Debra						
Viridity Energy, Inc.	Other Suppliers	Freifeld, Allen				ļ					
Vitol Inc.	Other Suppliers	Wadsworth, Joe	Viola, Bob	Kahn, Casey		1			1		

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
O Energy NY, LP	Other Suppliers	Drangula , Carey	Thompson , Matthew	Hughes, Adam						Ĭ	
ntral Hudson Gas & Electric Corp.	Transmission Owners	✓Borchert, John	Chan, Ting	May, Jeff	Dittmann, David						
onsolidated Edison Co. of NY, Inc.	Transmission Owners	✓ Quin , Jane	Nachmias, Stuart	Hargett , Chris	Yu , Joel	Lazarus , Dana	Butterklee, Neil				
ational Grid	Transmission Owners	✓ Janzen , Margaret	Lodemore , David	Wilkie, Brian							
lew York State Electric & Gas (NYSEG)	Transmission Owners	✓ Caletka, Patricia	Lynch, Tim	Brophy , Richard							
Drange & Rockland Utilities, Inc.	Transmission Owners			1 3 7							
ochester Gas and Electric Corp.	Transmission Owners	✓Caletka, Patricia	Lynch, Tim	Brophy , Richard							
dcoa, Inc.	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey , Amanda	Lang, Kevin						
BM Corporation	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey , Amanda	Lang, Kevin						
ucor Steel Auburn, Inc.	Large Consumer	Brew , James	Mackaronis , Chris	Timsey , Timanaa	Zung, nevin						
ccidental Chemical Corp.	Large Consumer	✓ Mager, Michael	Loughney, Robert	Trinsey, Amanda	Lang, Kevin						
egmans Food Markets	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey , Amanda	Lang, Kevin						
etropolitan Transportation Authority	Large Consumer Government Agency	Keller, David	Chou, Frances	Timsey , Timanaa	Zang, revin						
merican Sugar Refining, Inc	Small Consumer	Luthin, Catherine	✓ Breidenbaugh , Aaron	Lang, Kevin	✓Mager, Michael	Trinsey, Amanda					
ssociation for Energy Affordability	Small Consumer	Strauss , Valerie	Hepinstall, David	Farmer, Miles	• Mager, Michael	11msey , 11manda					
eth Israel Health Care System	Small Consumer	Luthin, Catherine	✓ Breidenbaugh , Aaron	Lang, Kevin	✓Mager, Michael	Trinsey, Amanda					
ordham University	Small Consumer	Luthin, Catherine	✓ Breidenbaugh , Aaron	Lang, Kevin	✓ Mager, Michael	Trinsey , Amanda					
emorial Sloan Kettering Cancer Center	Small Consumer	Luthin, Catherine	✓ Breidenbaugh , Aaron	_	✓ Mager, Michael	1					
ount Sinai Medical Center	Small Consumer	· ·	Breidenbaugh , Aaron  Breidenbaugh , Aaron	Lang, Kevin	Mager, Michael  Mager, Michael	Trinsey , Amanda					
		Luthin, Catherine	_	Lang, Kevin		Trinsey , Amanda					
ew York University	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	Lang, Kevin	✓ Mager, Michael	Trinsey, Amanda					
tility Intervention Unit, Division of Consumer rotection, NY Dept. of State	Government Statewide Consumer Advocate	Hogan , Erin	Montalvo , Marc	Loiacono, Matthew	O'Hare , Katie						
ity of New York	Government Small Consumer and Retail	Lang, Kevin	✓Mager, Michael	Trinsey, Amanda							
YS Energy Research & Dev. Authority	Aggregate Government Small Consumer and Retail	✓ Hall , Christopher	Matteson , Schuyler	Osso Jr., Joe	Mas , Carl	Coup, David					
71.15	Aggregate		-	0330 31., 300	ivias , cari	Coup, David					
ong Island Power Authority	State Power Authorities	Clarke, Dave	Wilczek , Mariann								
ew York Power Authority	State Power Authorities	Antinori , Andrew	✓ Cordi , John	Kane, James	Mahoney , Daniel						
th Electric, Gas & Water Systems	Municipalities and Coops	Bonacci, Erin	Wentlent, Chris	Cordeiro, Mark							
eeport Electric	Municipalities and Coops	Livingston , Al	Rudebusch, Tom	Fiore , Chris							
mestown Board of Public Utilities	Municipalities and Coops	Sellstrom , Kris	Leathers, David	Allen , Cory	Rudebusch, Tom						
ke Placid Village	Municipalities and Coops	Daby , Kimball	Wentlent, Chris	Cordeiro, Mark							
unicipal Commission of Boonville	Municipalities and Coops	Varner, Doug	Wentlent, Chris	Cordeiro, Mark							
attsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	Wentlent, Chris	Cordeiro, Mark							
illage of Arcade	Municipalities and Coops	Kilburn, Larry	Wentlent, Chris	Cordeiro, Mark							
illage of Fairport	Municipalities and Coops	Hegarty, Matt	✓ Wentlent, Chris	Cordeiro, Mark							
illage of Rockville Centre	Municipalities and Coops	Andreas , Philip	Valenzano, Michael	Rudebusch, Tom							
illage of Solvay	Municipalities and Coops	Hawksby , Joe	Wentlent, Chris	Cordeiro, Mark							
illage of Westfield	Municipalities and Coops	Thompson, Andrew	Wentlent, Chris	Cordeiro, Mark							
merican Wind Energy Association	Environmental	Fink, Sari	Reeder, Mark	Reynolds, Anne	Beck, Betsy	Grace, Gene	McIntire, Natalie				
vironmental Advocates	Environmental	Bambrick , Conor	Farmer, Miles	Morris, Jackson							
nvironmental Defense Fund	Environmental	Christian , Rory	Stein , Elizabeth	Panfil , Michael							
atural Resources Defense Council	Environmental	Farmer , Miles	Morris, Jackson	De Costanzo , Donna							
ACE Energy & Climate Center	Environmental Environmental	Musgrove , Sheryl Webster , Richard	Taylor, Geordi	Farmer, Miles		+					
verkeeper ES ES Holdings LLC	Non Voting	Hillman , Sharon	Morris, Jackson Kumaraswarmy, Kiran	Farmer, Miles							
eadia Center	Non Voting	Howe , Cullen	Donovan , Deborah								
liance for Clean Energy New York	Non Voting	Reynolds , Anne	Dufresne, Zach	Reeder, Mark							
abaric Development Partners, LLC	Non Voting	Kosel , Howard	Sanderson , Bryan	Knobloch , Kevin	Bruno , Clarke						İ
ppian Way Energy Partners East, LLC	Non Voting	Levy , Tal	Klein, Abram	Shen, Dong	Westlund, John	Laich, Marcus					
dor Energy LLC	Non Voting	Breen, Erika									
angrid Renewables, Inc.	Non Voting	Kilgallen, Kevin	Sokolski , Adam								
ston Energy Marketing & Trading	Non Voting	Kramek, Mike									
ace Power	Non Voting	Jain , Anshul	Meyer, Sandra								
ithness Energy LLC	Non Voting	Keevill, Gary	Alvarez , Asavari	Garber, Mitchell							ļ
pine Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap , Jade	Sunga, Leonard							
bit Power One Inc.	Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard							
stomized Energy Solutions	Non Voting	Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	Ackerman, Alan						
press Creek Renewables	Non Voting	Kohlstedt , Kevin	Kemp, Melissa	Scavo , Marisa							
esis LLC	Non Voting	Wu , Brian			0 " 0 "						
ergya VM	Non Voting	Garcia , Francisco	Maeso , Manual	Lopez, Ana	Corvillo , Cristina						
uent Energy	Non Voting	Acampora , Peter	Doll , Ed			+					
I Energy	Non Voting	Falcier, Peter	Robinson, James Riley, Richard			1		1		1	1

Organization	Sector	Donmagantativa	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
	Non Voting	Representative	Canfield, Richard	Alternatez	Alternates	Alternate4	Alternates	Alternateo	Alternate/	Proxy	Guest
Hudson River Energy Group		Radigan, Frank	Canfield, Richard			-					
Hydro-Quebec TransEnergie	Non Voting	Prevost , Michel				•					
ITC Mid-Atlantic Development LLC	Non Voting	Wrenbeck, Tom	Benedict , Nathan			•					
Institute for Policy Integrity at NYU School of Law	_	Unel , Burcin	Noll, Bethany	Bialek , Sylwia	Gundlach, Justin						
Key Capture Energy	Non Voting	Fitzgerald, Dan	Bishop , Jeff								
LS Power Grid NY	Non Voting	Willick, Lawrence	York , Joshua	Hayes, Patrick							
MAG Energy Solutions, Inc.	Non Voting	Pelletier, Simon	Vezina, Alexandre			•					
NRG Curtailment Solutions, Inc.	Non Voting	Popova , Julia	Ainspan, Malcolm	Pieniazek, 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	Tripp, Hank									
Northeast Clean Heat & Power Initiative	Non Voting	Melpignano, Kristin	Brown, Ruben	Cinadr , Matt	Dwyer, Herb	Lillian, Jon					
Northline Utilities LLC	Non Voting	McKinney, Jeff	Danskin, Susan								
NuEnergen	Non Voting	Hamilton , Sandy	Korczykowski, Ryan								
Plus Power, LLC	Non Voting	Fraenkel, Alex									
RBC Energy Services, LP	Non Voting	Rigby, Angus	Everhardt, Brandon								
RENEW Northeast	Non Voting	Pullaro , Francis	Krich, Abigail								
tichard P. Felak	Non Voting	Felak, Rich									
TEM, Inc.	Non Voting	Ko, Ted	Bellacicco, John								
aracen Energy East LP	Non Voting	Peebles , Andy	Miller, Jason								
liemens Energy, Inc.	Non Voting	Feltes, James									
aylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page, Allan								
eichos Energy, LLC	Non Voting	Maclearnsberry, Kirk	VanCoevering , Darrel								
esla, Inc.	Non Voting	Watson, Betty	Gonzales , Carlos	Van Cleve, Sarah							
ransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis, Ted	Abend, Erik								
ransmission Developers Inc.	Non Voting	Jessome , Donald	Helmer, William	Harrison, Bob							
ransource New York, LLC	Non Voting	Burkholder, Joshua									
Wheelabrator Technologies, Inc.	Non Voting	Goldie , Reg	Ginnetti , Jim								
Villiam P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					