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**NYISO Business Issues Committee Meeting Minutes**  
**October 12, 2022**  
**10:00 a.m. – 10:35 a.m.**

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**1. Introductions, Meeting Objectives, and Chairman’s Report**

Mr. John Marczewski (East Coast Power) called the meeting to order at 10:00 am. The members of the BIC identified themselves and attendance was recorded. A quorum was determined.

**2. Draft September 21, 2022 Meeting Minutes**

There were no questions or comments regarding the draft minutes from the September 21, 2022 BIC meeting included as part of the meeting material.

Motion #1:

Motion to approve the minutes from the September 21, 2022 BIC meeting.

*Motion passed unanimously.*

**3. Market Operations Report**

Mr. Rana Mukerji (NYISO) reviewed the market operations report included with the meeting material. There were no questions or comments.

**4. Manual Revisions for Critical Electric System Infrastructure Load**

Andrew Tighe (NYISO) reviewed the presentation included with the meeting material.

Ms. Julia Popova (NRG) requested an update regarding the status of FERC's review of the proposed rules addressing the participation of Critical Electric System Infrastructure Load in the NYISO-administered demand response programs. Mr. Tighe stated that FERC issued an order on September 2, 2022 accepting the proposed rules to become effective on November 1, 2022.

Motion #2:

The Business Issues Committee (“BIC”) hereby approves the revisions to the ICAP, DADRP, and EDRP manuals as described in the presentation made to the BIC on October 12, 2022, to become effective on November 1, 2022.

*Motion passed unanimously.*

**5. Ancillary Services Manual Revisions: Black Start Capability, Voltage Support and Critical Electric System Infrastructure Load**

Mr. Harris Miller (NYISO) and Mr. Tighe reviewed the presentation included with the meeting material.

Mr. Scott Leuthauser (HQUS) asked whether an external resource can qualify to participate in the voltage support service program. Mr. Miller stated that the NYISO would need to further consider the eligibility of external resources to participate in the voltage support service program.

Mr. Chris LaRoe (Brookfield) expressed appreciation for the development of further clarification regarding the testing procedures for resources seeking to participate in the voltage support service program.

Motion #3:

The Business Issues Committee (“BIC”) hereby approves the revisions to the Ancillary Services manual as described in the presentation made to the BIC on October 12, 2022, to become effective on November 1, 2022.

*Motion passed unanimously*

## **6. Working Group Updates**

- Billing and Accounting and Credit Working Group: The group met on September 23, 2022 and reviewed: (1) the standard accounting/settlement reports; and (2) a presentation by KPMG providing an update regarding the status of the ongoing 2022 System and Organizational Controls (SOC) 1 audit.
- Electric System Planning Working Group: The group met on October 3, 2022 and reviewed: (1) key findings and study results for the 2022 Reliability Needs Assessment (RNA); and (2) a draft of the 2022 RNA study report.
- Installed Capacity Working Group: The group has met jointly with MIWG and PRLWG three times since the last BIC meeting. The group met on September 30, 2022 and reviewed: (1) topics related to Phase 2 of the improving capacity accreditation initiative, including resource specific derating factors, considerations related to accounting for capacity accreditation factors in evaluating potential peaking plant technologies as part of the ICAP Demand Curve reset, the annual review process for determining the applicable peak load windows, and system modeling considerations for determining capacity accreditation factors; (2) a presentation by GE Energy Consulting regarding preliminary marginal reliability value sensitivity assessments using the 2022 LCR model and 2022 RNA model; and (3) proposed rules for capacity market participation of internal controllable transmission facilities. On October 4, 2022, the group met and reviewed: (1) proposed changes to the current rules governing the expiration and transfer of Capacity Resource Interconnection Service; and (2) proposed enhancements to the determination of transmission security limit values used in calculating locational minimum capacity requirements. The group also met on October 7, 2022 and reviewed: (1) an update regarding the 2022 study to assess certain matters related to the ongoing transition of New York's electric grid; and (2) proposed supplemental tariff revisions related to the distributed energy resource (DER) market participation model.
- Load Forecasting Task Force: The group met on September 27, 2022 and reviewed: (1) preliminary 2022 weather normalized peak loads for use in developing the peak load forecasts to be used as part of the installed reserve margin study and the administration of the capacity market for the 2023/2024 Capability Year; (2) the peak load forecast to be used as part of the installed reserve margin study for the 2023/2024 Capability Year; and (3) an assessment of the impacts of weather on load forecast uncertainty in determining winter peak loads.
- Market Issues Working Group: The group has met jointly with ICAPWG and PRLWG three times since the last BIC meeting. On September 30, 2022, the group met and reviewed: (1) considerations related to potential future expansion of the TCC auction model to include use of DER aggregation transmission nodes as potential source and sink points; (2) considerations related to potential enhancements to improve the modeling of the reserve capability provided by duct-firing capability installed at combine cycle units; and (3) proposed rules for energy and ancillary services market participation of internal controllable transmission facilities. The group met on October 4, 2022 and reviewed: (1) an update regarding the Dynamic Reserves project, including example calculations of dynamic reserve requirements and resulting market outcomes; and (2) proposed rules for energy and ancillary services market participation of hybrid storage resources. The group also met on October 7, 2022 and reviewed: (1) an update regarding the 2022 study to assess certain matters related to the ongoing transition of New York's electric grid; and (2) proposed supplemental tariff revisions related to the DER market participation model.
- Price Responsive Load Working Group: The group has met jointly with ICAPWG and MIWG three times since the last BIC meeting (*i.e.*, September 30, 2022, October 4, 2022, and October 7, 2022). At each meeting, the group reviewed the agenda topics related to distributed energy resources, energy storage resources and/or the NYISO-administered demand response programs.

## **7. New Business**

There was no new business.

Meeting adjourned at 10:35 a.m.

# ***Business Issues Committee Meeting***

October 12, 2022

Final Motions

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## **Motion #1:**

The Business Issues Committee (BIC) hereby approves the meeting minutes from September 21, 2022.

***The motion passed unanimously by show of hands.***

## **Motion #2:**

The Business Issues Committee (“BIC”) hereby approves the revisions to the ICAP, DADRP, and EDRP manuals as described in the presentation made to the BIC on October 12, 2022, to become effective on November 1, 2022.

***The motion passed unanimously by show of hands.***

## **Motion #3:**

The Business Issues Committee (“BIC”) hereby approves the revisions to the Ancillary Services manual as described in the presentation made to the BIC on October 12, 2022, to become effective on November 1, 2022.

***The motion passed unanimously by show of hands.***



Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Stephentown Spindle, LLC	Other Suppliers	Streeter , Christopher									
Viridity Energy, Inc.	Other Suppliers	Pavo , Michael	Butt , Justin	Ward , Theodora	Schulze , Jim	Misciagna , Mark					
Vitol Inc.	Other Suppliers	Wadsworth , Joe	Conn , Averill	Kahn , Casey							
XO Energy NY, LP	Other Suppliers	Drangula , Carey	Thompson , Matthew	Hughes , Adam							
Central Hudson Gas & Electric Corp.	Transmission Owners	May , Jeff	Chan, Ting	✓Jolly , James	Delmar , Valerie						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	Lazarus , Dana	Kiselev , Dimitry	✓Islam , Lubaba	Raup , Chris	Butterklee, Neil	LoFrumento , Susan				
National Grid	Transmission Owners	Gonsalves , Shelanda	Lodemore , David								
New York State Electric & Gas (NYSEG)	Transmission Owners	Caletka, Patricia	✓Novicki , Alex	Lynch , Tim							
Orange & Rockland Utilities, Inc.	Transmission Owners										
Rochester Gas and Electric Corp.	Transmission Owners	Caletka, Patricia	Brophy , Richard	Lynch , Tim							
Alcoa, Inc.	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey , Amanda	Goodman , Jay	Lang, Kevin					
GlobalFoundries, U.S., Inc.	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey , Amanda	Goodman , Jay	Lang, Kevin					
IBM Corporation	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey , Amanda	Goodman , Jay	Lang, Kevin					
Nucor Steel Auburn, Inc.	Large Consumer	Brew , James	Mackaronis , Chris	Baker , Laura	Brisear , Joseph						
Wegmans Food Markets	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey , Amanda	Goodman , Jay	Lang, Kevin					
Metropolitan Transportation Authority	Large Consumer Government Agency	Keller , David	Chou , Frances								
Beth Israel Health Care System	Small Consumer	Duncan , Taylor	Lang, Kevin	Mager, Michael	Trinsey , Amanda						
Fordham University	Small Consumer	Duncan , Taylor	Lang, Kevin	Mager, Michael	Trinsey , Amanda	Goodman , Jay					
Memorial Sloan Kettering Cancer Center	Small Consumer	Duncan , Taylor	Lang, Kevin	Mager, Michael	Trinsey , Amanda						
Mount Sinai Medical Center	Small Consumer	Duncan , Taylor	Lang, Kevin	Mager, Michael	Trinsey , Amanda						
New York University	Small Consumer	Duncan , Taylor	Lang, Kevin	Mager, Michael	Trinsey , Amanda						
Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Government Statewide Consumer Advocate	Hogan , Erin	Montalvo , Marc								
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	✓Hall , Christopher	Matteson , Schuyler	Zielinski , Andrew	Mas , Carl	Coup, David					
Long Island Power Authority	State Power Authorities	Clarke, Dave	✓Wilczek , Mariann								
New York Power Authority	State Power Authorities	✓Antinori , Andrew	Michaels , Alan	✓Cordi , John	✓Kane , James						
Bath Electric, Gas & Water Systems	Municipalities and Coops	Bonacci , Erin	Wentlent, Chris	Cordeiro, Mark						✓Ackerman, Alan	
Freeport Electric	Municipalities and Coops	Livingston , Al	Rudebusch, Tom	Fiore , Chris							
Jamestown Board of Public Utilities	Municipalities and Coops	Sellstrom , Kris	Leathers, David	Allen , Cory	Rudebusch, Tom						
Lake Placid Village	Municipalities and Coops	Daby , Kimball	Wentlent, Chris	Cordeiro, Mark						✓Ackerman, Alan	
Municipal Commission of Boonville	Municipalities and Coops	Varner , Doug	Wentlent, Chris	Cordeiro, Mark						✓Ackerman, Alan	
Plattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	Wentlent, Chris	Cordeiro, Mark						✓Ackerman, Alan	
Village of Arcade	Municipalities and Coops	Kilburn, Larry	Wentlent, Chris	Cordeiro, Mark						✓Ackerman, Alan	
Village of Fairport	Municipalities and Coops	Hegarty , Matt	Wentlent, Chris	Cordeiro, Mark						✓Ackerman, Alan	
Village of Rockville Centre	Municipalities and Coops	Foglietta , Eileen	Valenzano , Michael	Rudebusch, Tom							
Village of Solvay	Municipalities and Coops	Hawksby , Joe	Wentlent, Chris	Cordeiro, Mark						✓Ackerman, Alan	
Village of Westfield	Municipalities and Coops	Thompson , Andrew	Wentlent, Chris	Cordeiro, Mark						✓Ackerman, Alan	
American Clean Power Association	Environmental	Reynolds , Anne	Reeder , Mark	Fink , Sari	Tabak , Gabe	Grace , Gene					
Environmental Advocates	Environmental	Bambrick , Conor	Casey , Christopher	Murray , Frank							
Environmental Defense Fund	Environmental	Peress J., Naim	Stein , Elizabeth	Karas , Natalie	Murphy , Erin						
Natural Resources Defense Council	Environmental	Casey , Christopher	Howe , Cullen	Murray , Frank	Walsh , Christy						
New York City Environmental Justice Alliance	Environmental	Garcia , Carlos	Bautista , Eddie								
PACE Energy & Climate Center	Environmental	Hart , Craig	Valova , Radina	Howe , Cullen							
Riverkeeper	Environmental	Webster , Richard	Morris, Jackson								
AES ES Holdings LLC	Non Voting	Kumar , Manish									
Able Grid Energy Solutions, Inc.	Non Voting	Lines , Sam	Mills , Sara								
Acadia Center	Non Voting	Sosland , Daniel									
Alliance for Clean Energy New York	Non Voting	Reynolds , Anne	Reeder , Mark	Addepalli , Raj	Rabin , Kyle						
Anbaric Development Partners, LLC	Non Voting	Kosel , Howard	Sanderson , Bryan	Bruno , Clarke							
Appian Way Energy Partners East, LLC	Non Voting	Levy , Tal	Klein , Abram	Shen , Dong	Westlund , John	Laich , Marcus					
Ardor Energy LLC	Non Voting	Breen , Erika									
Avangrid Renewables, Inc.	Non Voting	Kilgallen , Kevin	Sokolski , Adam								
Bakerstand Solar, LLC	Non Voting	✓Caplan , Michael									
Bloom Energy	Non Voting	Noonan , Brian									
Boston Energy Marketing & Trading	Non Voting	✓Kramek , Mike									
Bruce Power	Non Voting	Jain , Anshul	Meyer , Sandra								
CPower	Non Voting	Dotson-Westphalen , Peter	Hourihan , Michael	Damaskos , Deno	Campbell , Bruce						
Caithness Energy LLC	Non Voting	Keevill , Gary	Alvarez , Asavari	Garber, Mitchell							
Calpine Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap , Jade	Sunga , Leonard							
ConnectGen East, LLC	Non Voting	Rieman , Derek	Nash , Colleen	Turner , Becky							
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						

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Energya VM	Non Voting	Garcia , Francisco	Maeso , Manual	Lopez , Ana	Corvillo , Cristina						
Fluent Energy	Non Voting	Acampora , Peter	Doll , Ed								
GI Energy	Non Voting	Falcier , Peter	Robinson , James								
Hanwha Q CELLS USA Corp.	Non Voting	Miller , Amy									
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								
Institute for Policy Integrity at NYU School of Law	Non Voting	Unel , Burcin	Ladin , Sarah								
Jupiter Power LLC	Non Voting	Smith , Caitlin									
LS Power Grid NY	Non Voting	Willick , Lawrence	✓Lundin , Tim	Brau , Brian	York , Joshua						
Lockport Energy Assoc.	Non Voting	Gesicki , Thomas	Youngberg , Mar y								
Lyonsdale Biomass, LLC	Non Voting	Ralston , William	Hebel , Nathan	Carrigan , Kathleen							
MAG Energy Solutions, Inc.	Non Voting	Pelletier , Simon	Vezina, Alexandre								
Marathon Energy	Non Voting	Nichols , Jim	Yeager , Keith								
NRG Curtailment Solutions, Inc.	Non Voting	✓Popova , Julia	Ainspan , Malcolm	Pieniasek, 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	Stankovski , Maryann	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					
NuErgen	Non Voting	Nole , Anthony	Hamilton , Kevin								
Plus Power, LLC	Non Voting	Fraenkel , Alex									
RENEW Northeast	Non Voting	Pullaro , Francis	Krich , Abigail								
Richard P. Felak	Non Voting	Felak, Rich									
Rodan Energy Solutions (USA) Inc.	Non Voting	Young , Craig									
Saracen Energy East LP	Non Voting	Peebles , Andy	Theriot , Kim								
Savion, LLC	Non Voting	Doering , Anthony	Sunderman , Derek								
Siemens Energy, Inc.	Non Voting	Feltes , James									
Taylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page , Allan								
Teichos Energy, LLC	Non Voting	Maclearnsberry , Kirk	VanCoevering , Darrel								
Tesla, Inc.	Non Voting	Van Cleve , Sarah	Gilfenbaum , Eliah								
TransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis , Ted	Abend , Erik								
Transmission Developers Inc.	Non Voting	Jessome , Donald	Helmer , William	Harrison , Bob	Coxe , Raymond						
Transource New York, LLC	Non Voting	Rupert , David	Cundiff , Robert								
Voltus, Inc.	Non Voting	Guernsey , Dana	Amores , Angel	Fan , Jianing	Bates-Wannop , Allison	Konidena , Rao					
Wheelaerator Technologies, Inc.	Non Voting	Goldie , Reg	Ginnetti , Jim								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					