

Management Committee Meeting
August 27, 2014
Final Motions

Motion #1:

The Management Committee (MC) approves the July 2014 meeting minutes.

The motion passed by show of hands with an abstention (TC Ravenswood)

Motion #2:

WHEREAS, the ESPWG and TPAS have held a series of meetings with NYISO Staff to discuss and review the studies and analyses underlying the NYISO's findings regarding Reliability Needs in New York State; and

WHEREAS, NYISO Staff incorporated modifications to this document based on comments received at nine ESPWG/TPAS meetings from April 11 through August 7, and made a presentation of its findings based on the 2014 Reliability Needs Assessment Draft Final Report (RNA Report) at the August 14, 2014 Operating Committee (OC) meeting; and

WHEREAS, the OC reviewed and concurred with the RNA Report, with the limited modifications discussed at the meeting, and recommended that the Management Committee (MC) concur with the RNA Report, as revised at the August 14 OC meeting, and that the MC recommend approval of such revised RNA Report by the NYISO Board of Directors;

NOW, THEREFORE, based on the presentation made by the NYISO at the August 27, 2014 MC meeting, the MC hereby concurs with the RNA Report as presented, and hereby further recommends the approval of such RNA Report by the NYISO Board of Directors.

The motion passed unanimously by show of hands with abstentions (TC Ravenswood/Central Hudson)

Motion #3:

The Management Committee ("MC") hereby recommends that the NYISO Board of Directors authorize the NYISO to file with the Federal Energy Regulatory Commission, pursuant to Section 205 of the Federal Power Act, proposed changes to the NYISO's Market Services Tariff as described in the presentation entitled "Proposed Black Start Changes", made to the MC on August 27, 2014.

The motion passed with 63.14% affirmative votes.

Motion #3a:

Motion to table motion 3.

The motion failed with 32.67% affirmative votes.

New York Independent System Operator Management Committee - August 27, 2014

Motion: Motion #Main Motion

Result: Motion Passed

| Sector with base percent | % | Active | Quorum | Adj. Percent | For | Against | Abstain | % For | % Against | |
|--------------------------------|-------|--------|--------|--------------|--------|---------------------|---------|-------|-----------|-------|
| Generation Owners | 21.50 | ✓ | ✓ | 21.50 | 0.00 | 6.00 | 1.00 | 0.00 | 21.50 | |
| Other Suppliers | 21.50 | ✓ | ✓ | 21.50 | 2.00 | 5.00 | 4.00 | 6.14 | 15.36 | |
| Transmission Owners | 20.00 | ✓ | ✓ | 20.00 | 4.00 | 0.00 | 0.00 | 20.00 | 0.00 | |
| End Use Consumer | | | ✓ | | | | | | | |
| Large Consumer | 9.00 | ✓ | | 11.24 | 4.00 | 0.00 | 0.00 | 14.38 | 0.00 | |
| Large Cons. Gov. Agency | 2.00 | ✓ | | 2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Small Consumer | 4.50 | ✓ | X | 0.64 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | |
| Gov. State-wide Cons. Advocate | 2.70 | ✓ | | 3.37 | 1.00 | 0.00 | 0.00 | 3.37 | 0.00 | |
| Gov. Sm. Cons. & Retail Aggr. | 1.80 | ✓ | | 2.25 | 2.00 | 0.00 | 0.00 | 2.25 | 0.00 | |
| Public Power | | | ✓ | | | | | | | |
| State Power Authorities | 8.00 | ✓ | | 8.00 | 2.00 | 0.00 | 0.00 | 9.07 | 0.00 | |
| Munis & Co-ops | 7.00 | ✓ | | 7.00 | 11.00 | 0.00 | 0.00 | 7.93 | 0.00 | |
| Environmental | 2.00 | ✓ | | 2.00 | 0.00 | 0.00 | 5.00 | 0.00 | 0.00 | |
| | | | | 5 | 100.00 | 26.00 | 11.00 | 11.00 | 63.14 | 36.86 |
| | | | | | 100.00 | Normalize to 100% : | | 63.14 | 36.86 | |

New York Independent System Operator

Management Committee - August 27, 2014

Motion: Motion #Main Motion

Result: Motion Passed

| Sector | Organization | Representative | Affiliate | Present | For | Against |
|-------------------|---|------------------|-----------|---------|------|---------|
| Generation Owners | Indeck Energy Services, Inc. | Younger, Mark | N | Y | 0.00 | 1.00 |
| Generation Owners | Astoria Energy LLC | Habib, Phillippe | N | Y | 0.00 | 1.00 |
| Generation Owners | Calpine | LaRoe, Chris | N | Y | 0.00 | 1.00 |
| Generation Owners | CPV Valley LLC | | N | N | 0.00 | 0.00 |
| Generation Owners | East Coast Power, LLC | | N | N | 0.00 | 0.00 |
| Generation Owners | Entergy Nuclear Northeast | Saia, Doreen | N | Y | 0.00 | 1.00 |
| Generation Owners | Innovative Energy Systems | | N | N | 0.00 | 0.00 |
| Generation Owners | New Athens Generating Co. LLC | | N | N | 0.00 | 0.00 |
| Generation Owners | Noble Environmental Power LLC | | N | N | 0.00 | 0.00 |
| Generation Owners | Selkirk Cogen Partners, LP | | N | N | 0.00 | 0.00 |
| Generation Owners | TC Ravenswood, Inc. | DAndrea, James | N | Y | 0.00 | 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 | LaRoe, Chris | N | Y | 0.00 | 1.00 |
| Generation Owners | National Grid Generation LLC | | Y | N | 0.00 | 0.00 |
| Generation Owners | Somerset Operating Company, LLC | LaRoe, Chris | N | Y | 0.00 | 1.00 |
| Generation Owners | Howard Wind LLC | | N | N | 0.00 | 0.00 |
| Generation Owners | Stephentown Spindle, LLC | | N | N | 0.00 | 0.00 |
| Other Suppliers | Hess Corporation | | N | N | 0.00 | 0.00 |
| Other Suppliers | BJ Energy LLC | | N | N | 0.00 | 0.00 |
| Other Suppliers | Brookfield Energy Marketing | Francis, Frank | N | Y | 0.00 | 1.00 |
| 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 | | Y | N | 0.00 | 0.00 |
| Other Suppliers | DC Energy | | N | N | 0.00 | 0.00 |
| Other Suppliers | DTE Energy | | N | N | 0.00 | 0.00 |
| Other Suppliers | Dynegy Power Marketing, Inc. | Roby, Rick | N | Y | 0.00 | 1.00 |
| Other Suppliers | Energy Spectrum | | N | N | 0.00 | 0.00 |
| Other Suppliers | EnerNoc | Geller, Greg | N | Y | 1.00 | 0.00 |
| Other Suppliers | Galt Power | Ackerman, Alan | N | Y | 0.00 | 0.00 |
| Other Suppliers | HQ Energy Services US | Bernier, Luc | N | Y | 0.00 | 0.00 |
| Other Suppliers | Integrus Energy Services of New York, Inc | | N | N | 0.00 | 0.00 |
| Other Suppliers | Morgan Stanley Capital Group, Inc. | | N | N | 0.00 | 0.00 |
| Other Suppliers | NRG Power Marketing Inc. | | N | N | 0.00 | 0.00 |
| Other Suppliers | Ontario Power Generation, Inc. | | N | N | 0.00 | 0.00 |
| Other Suppliers | Exelon Generating Co. LLC | | N | N | 0.00 | 0.00 |
| Other Suppliers | PPL EnergyPlus, LLC | Weber, Sharon | N | Y | 0.00 | 0.00 |
| Other Suppliers | PSEG Energy Resource & Trade, LLC | Fromer, Howard | N | Y | 0.00 | 1.00 |
| 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 | 0.00 | 1.00 |
| Other Suppliers | J.P. Morgan Ventures Energy Corporatio | | N | N | 0.00 | 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 | Iberdrola Renewables Inc | | Y | N | 0.00 | 0.00 |
| Other Suppliers | NextEra Energy | | N | N | 0.00 | 0.00 |

| Sector | Organization | Representative | Affiliate | Present | For | Against |
|--|---|--------------------|-----------|---------|------|---------|
| 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 | | N | N | 0.00 | 0.00 |
| Other Suppliers | Comverge/Enerwise Global Technologies | Ackerman, Alan | N | Y | 0.00 | 0.00 |
| Other Suppliers | EnergyConnect | Lawrence, David | N | Y | 1.00 | 0.00 |
| Other Suppliers | Twin Cities Power LLC | | N | N | 0.00 | 0.00 |
| Other Suppliers | Castleton Commodities Merchant Trading L.P. | | N | N | 0.00 | 0.00 |
| Other Suppliers | Great Bay Energy IV, LLC | | N | N | 0.00 | 0.00 |
| Other Suppliers | BlueRock Energy, Inc. | | N | N | 0.00 | 0.00 |
| Other Suppliers | Noble Americas Gas & Power Corp. | | N | N | 0.00 | 0.00 |
| Other Suppliers | Lyonsdale Biomass, LLC | Carrigan, Kathleen | N | Y | 0.00 | 1.00 |
| Other Suppliers | Boston Energy Marketing & Trading | | Y | N | 0.00 | 0.00 |
| Other Suppliers | Direct Energy Business Marketing, LLC | | N | N | 0.00 | 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 | 1.00 | 0.00 |
| Transmission Owners | Consolidated Edison Co. of NY, Inc. | Miller, Richard | N | Y | 1.00 | 0.00 |
| Transmission Owners | National Grid | Franey, Bart | 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. | Lang, Kevin | N | Y | 1.00 | 0.00 |
| End Use - Large Consumer | IBM Corporation | Lang, Kevin | N | Y | 1.00 | 0.00 |
| End Use - Large Consumer | Occidental Chemical Corp. | Lang, Kevin | N | Y | 1.00 | 0.00 |
| End Use - Large Consumer | Wegmans Food Markets | Lang, Kevin | 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 | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | Beth Israel Health Care System | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | Fordham University | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | Memorial Sloan Kettering Cancer Center | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | Mount Sinai Medical Center | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | New York University | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | Association for Energy Affordability | Morris, Jackson | N | Y | 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 | 1.00 | 0.00 |
| End Use - Gov. Sm. Cons. & Retail Aggr. | City of New York - Energy Conservation | Lang, Kevin | N | Y | 1.00 | 0.00 |
| End Use - Gov. Sm. Cons. & Retail Aggr. | NYS Energy Research & Dev. Authority | Hall, Christopher | 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 | Tartaglia, Paul | 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 | 1.00 | 0.00 |
| Public Power - Munis & Co-ops | Jamestown Board of Public Utilities | Rudebusch, Tom | N | Y | 1.00 | 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 | 1.00 | 0.00 |
| Public Power - Environmental | American Lung Association | Morris, Jackson | N | Y | 0.00 | 0.00 |
| Public Power - Environmental | American Wind Energy Association | | N | N | 0.00 | 0.00 |
| Public Power - Environmental | Environmental Advocates | Morris, Jackson | N | Y | 0.00 | 0.00 |
| Public Power - Environmental | Natural Resources Defense Council | Morris, Jackson | N | Y | 0.00 | 0.00 |
| Public Power - Environmental | PACE Energy & Climate Center | Morris, Jackson | N | Y | 0.00 | 0.00 |

| Sector | Organization | Representative | Affiliate | Present | For | Against |
|------------------------------|--------------|-----------------|-----------|---------|------|---------|
| Public Power - Environmental | Riverkeeper | Morris, Jackson | N | Y | 0.00 | 0.00 |

**New York Independent System Operator
Management Committee - August 27, 2014**

Motion: Motion #Motion to Table

Result: Motion Failed

| Sector with base percent | % | Active | Quorum | Adj. Percent | For | Against | Abstain | % For | % Against | |
|--------------------------------|-------|--------|--------|--------------|--------|---------------------|---------|-------|-----------|-------|
| Generation Owners | 21.50 | ✓ | ✓ | 21.50 | 7.00 | 0.00 | 0.00 | 21.50 | 0.00 | |
| Other Suppliers | 21.50 | ✓ | ✓ | 21.50 | 6.00 | 2.00 | 3.00 | 16.12 | 5.38 | |
| Transmission Owners | 20.00 | ✓ | ✓ | 20.00 | 0.00 | 4.00 | 0.00 | 0.00 | 20.00 | |
| End Use Consumer | | | ✓ | | | | | | | |
| Large Consumer | 9.00 | ✓ | | 11.24 | 0.00 | 4.00 | 0.00 | 0.00 | 14.38 | |
| Large Cons. Gov. Agency | 2.00 | ✓ | | 2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Small Consumer | 4.50 | ✓ | X | 0.64 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | |
| Gov. State-wide Cons. Advocate | 2.70 | ✓ | | 3.37 | 0.00 | 1.00 | 0.00 | 0.00 | 3.37 | |
| Gov. Sm. Cons. & Retail Aggr. | 1.80 | ✓ | | 2.25 | 0.00 | 2.00 | 0.00 | 0.00 | 2.25 | |
| Public Power | | | ✓ | | | | | | | |
| State Power Authorities | 8.00 | ✓ | | 8.00 | 0.00 | 2.00 | 0.00 | 0.00 | 9.07 | |
| Munis & Co-ops | 7.00 | ✓ | | 7.00 | 0.00 | 11.00 | 0.00 | 0.00 | 7.93 | |
| Environmental | 2.00 | ✓ | | 2.00 | 0.00 | 0.00 | 5.00 | 0.00 | 0.00 | |
| | | | | 5 | 100.00 | 13.00 | 26.00 | 9.00 | 37.62 | 62.38 |
| | | | | | 100.00 | Normalize to 100% : | | 37.62 | 62.38 | |

New York Independent System Operator

Management Committee - August 27, 2014

Motion: Motion #Motion to Table

Result: Motion Failed

| 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 | Habib, Phillippe | N | Y | 1.00 | 0.00 |
| Generation Owners | Calpine | LaRoe, Chris | N | Y | 1.00 | 0.00 |
| Generation Owners | CPV Valley LLC | | N | N | 0.00 | 0.00 |
| Generation Owners | East Coast Power, LLC | | N | N | 0.00 | 0.00 |
| Generation Owners | Entergy Nuclear Northeast | Saia, Doreen | N | Y | 1.00 | 0.00 |
| Generation Owners | Innovative Energy Systems | | N | N | 0.00 | 0.00 |
| Generation Owners | New Athens Generating Co. LLC | | N | N | 0.00 | 0.00 |
| Generation Owners | Noble Environmental Power LLC | | N | N | 0.00 | 0.00 |
| Generation Owners | Selkirk Cogen Partners, LP | | N | N | 0.00 | 0.00 |
| Generation Owners | TC Ravenswood, Inc. | DAndrea, James | 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 | LaRoe, Chris | N | Y | 1.00 | 0.00 |
| Generation Owners | National Grid Generation LLC | | Y | N | 0.00 | 0.00 |
| Generation Owners | Somerset Operating Company, LLC | LaRoe, Chris | N | Y | 1.00 | 0.00 |
| Generation Owners | Howard Wind LLC | | N | N | 0.00 | 0.00 |
| Generation Owners | Stephentown Spindle, LLC | | N | N | 0.00 | 0.00 |
| Other Suppliers | Hess Corporation | | N | N | 0.00 | 0.00 |
| Other Suppliers | BJ Energy LLC | | N | N | 0.00 | 0.00 |
| Other Suppliers | Brookfield Energy Marketing | Francis, Frank | N | Y | 1.00 | 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 | | Y | N | 0.00 | 0.00 |
| Other Suppliers | DC Energy | | N | N | 0.00 | 0.00 |
| Other Suppliers | DTE Energy | | N | N | 0.00 | 0.00 |
| Other Suppliers | Dynegy Power Marketing, Inc. | Roby, Rick | N | Y | 1.00 | 0.00 |
| Other Suppliers | Energy Spectrum | | N | N | 0.00 | 0.00 |
| Other Suppliers | EnerNoc | Geller, Greg | N | Y | 0.00 | 1.00 |
| Other Suppliers | Galt Power | Ackerman, Alan | N | Y | 0.00 | 0.00 |
| Other Suppliers | HQ Energy Services US | Bernier, Luc | N | Y | 0.00 | 0.00 |
| Other Suppliers | Integrus Energy Services of New York, Inc | | N | N | 0.00 | 0.00 |
| Other Suppliers | Morgan Stanley Capital Group, Inc. | | N | N | 0.00 | 0.00 |
| Other Suppliers | NRG Power Marketing Inc. | | N | N | 0.00 | 0.00 |
| Other Suppliers | Ontario Power Generation, Inc. | | N | N | 0.00 | 0.00 |
| Other Suppliers | Exelon Generating Co. LLC | | N | N | 0.00 | 0.00 |
| Other Suppliers | PPL EnergyPlus, LLC | Weber, Sharon | 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 | J.P. Morgan Ventures Energy Corporatio | | N | N | 0.00 | 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 | Iberdrola Renewables Inc | | Y | N | 0.00 | 0.00 |
| Other Suppliers | NextEra Energy | | N | N | 0.00 | 0.00 |

| Sector | Organization | Representative | Affiliate | Present | For | Against |
|--|---|--------------------|-----------|---------|------|---------|
| 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 | | N | N | 0.00 | 0.00 |
| Other Suppliers | Comverge/Enerwise Global Technologies | Ackerman, Alan | N | Y | 0.00 | 0.00 |
| Other Suppliers | EnergyConnect | Lawrence, David | N | Y | 0.00 | 1.00 |
| Other Suppliers | Twin Cities Power LLC | | N | N | 0.00 | 0.00 |
| Other Suppliers | Castleton Commodities Merchant Trading L.P. | | N | N | 0.00 | 0.00 |
| Other Suppliers | Great Bay Energy IV, LLC | | N | N | 0.00 | 0.00 |
| Other Suppliers | BlueRock Energy, Inc. | | N | N | 0.00 | 0.00 |
| Other Suppliers | Noble Americas Gas & Power Corp. | | N | N | 0.00 | 0.00 |
| Other Suppliers | Lyonsdale Biomass, LLC | Carrigan, Kathleen | N | Y | 1.00 | 0.00 |
| Other Suppliers | Boston Energy Marketing & Trading | | Y | N | 0.00 | 0.00 |
| Other Suppliers | Direct Energy Business Marketing, LLC | | N | N | 0.00 | 0.00 |
| Transmission Owners | New York State Electric & Gas (NYSEG) | Caletka, Patricia | N | Y | 0.00 | 1.00 |
| Transmission Owners | Central Hudson Gas & Electric Corp. | Borchert, John | N | Y | 0.00 | 1.00 |
| Transmission Owners | Consolidated Edison Co. of NY, Inc. | Miller, Richard | N | Y | 0.00 | 1.00 |
| Transmission Owners | National Grid | Franey, Bart | N | Y | 0.00 | 1.00 |
| 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. | Lang, Kevin | N | Y | 0.00 | 1.00 |
| End Use - Large Consumer | IBM Corporation | Lang, Kevin | N | Y | 0.00 | 1.00 |
| End Use - Large Consumer | Occidental Chemical Corp. | Lang, Kevin | N | Y | 0.00 | 1.00 |
| End Use - Large Consumer | Wegmans Food Markets | Lang, Kevin | N | Y | 0.00 | 1.00 |
| 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 | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | Beth Israel Health Care System | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | Fordham University | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | Memorial Sloan Kettering Cancer Center | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | Mount Sinai Medical Center | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | New York University | | N | N | 0.00 | 0.00 |
| End Use - Small Consumer | Association for Energy Affordability | Morris, Jackson | N | Y | 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 | 1.00 |
| End Use - Gov. Sm. Cons. & Retail Aggr. | City of New York - Energy Conservation | Lang, Kevin | N | Y | 0.00 | 1.00 |
| End Use - Gov. Sm. Cons. & Retail Aggr. | NYS Energy Research & Dev. Authority | Hall, Christopher | N | Y | 0.00 | 1.00 |
| Public Power - State Power Authorities | Long Island Power Authority | Clarke, Dave | N | Y | 0.00 | 1.00 |
| Public Power - State Power Authorities | New York Power Authority | Tartaglia, Paul | N | Y | 0.00 | 1.00 |
| Public Power - Munis & Co-ops | Bath Electric, Gas & Water Systems | Bolbrock, Richard | N | Y | 0.00 | 1.00 |
| Public Power - Munis & Co-ops | Freeport Electric | Rudebusch, Tom | N | Y | 0.00 | 1.00 |
| Public Power - Munis & Co-ops | Jamestown Board of Public Utilities | Rudebusch, Tom | N | Y | 0.00 | 1.00 |
| Public Power - Munis & Co-ops | Lake Placid Village | Bolbrock, Richard | N | Y | 0.00 | 1.00 |
| Public Power - Munis & Co-ops | Municipal Commission of Boonville | Bolbrock, Richard | N | Y | 0.00 | 1.00 |
| Public Power - Munis & Co-ops | Plattsburgh Municipal Lighting Dept | Bolbrock, Richard | N | Y | 0.00 | 1.00 |
| Public Power - Munis & Co-ops | Village of Westfield | Bolbrock, Richard | N | Y | 0.00 | 1.00 |
| Public Power - Munis & Co-ops | Village of Solvay | Bolbrock, Richard | N | Y | 0.00 | 1.00 |
| Public Power - Munis & Co-ops | Village of Arcade | Bolbrock, Richard | N | Y | 0.00 | 1.00 |
| Public Power - Munis & Co-ops | Village of Fairport | Bolbrock, Richard | N | Y | 0.00 | 1.00 |
| Public Power - Munis & Co-ops | Village of Rockville Centre | Rudebusch, Tom | N | Y | 0.00 | 1.00 |
| Public Power - Environmental | American Lung Association | Morris, Jackson | N | Y | 0.00 | 0.00 |
| Public Power - Environmental | American Wind Energy Association | | N | N | 0.00 | 0.00 |
| Public Power - Environmental | Environmental Advocates | Morris, Jackson | N | Y | 0.00 | 0.00 |
| Public Power - Environmental | Natural Resources Defense Council | Morris, Jackson | N | Y | 0.00 | 0.00 |
| Public Power - Environmental | PACE Energy & Climate Center | Morris, Jackson | N | Y | 0.00 | 0.00 |

| Sector | Organization | Representative | Affiliate | Present | For | Against |
|------------------------------|--------------|-----------------|-----------|---------|------|---------|
| Public Power - Environmental | Riverkeeper | Morris, Jackson | N | Y | 0.00 | 0.00 |

New York Independent System Operator - Committee Membership
Management Committee - August 27, 2014 - NYISO - 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 | DellOrto, Ken | Bruno , Michael | Felak, Rich | | | | | | |
| Calpine | Generation Owners | Kruse, Brett | Berend, Seth | Flumerfelt, John | Parker , Ryan | Drachenberg , Kevin | | | | ✓LaRoe, Chris | |
| Cricket Valley Energy Center | Generation Owners | De Meyere , Bob | Wallenstein , Arnold | Ahrens , Jeff | | | | | | | |
| EDP Renewables North America LLC | Generation Owners | Berruecos , Pablo | Fitzgerald , Daniel | | | | | | | | |
| East Coast Power, LLC | Generation Owners | Fogarty , Thomas | Marczewski, John | Fisher , Amy | | | | | | | |
| Entergy Nuclear Northeast | Generation Owners | Potkin , Marc | Milici , Rich | ✓Saia, Doreen | | | | | | | |
| Howard Wind LLC | Generation Owners | Henderson , George | Golembeski , Andrew | | | | | | | | |
| Indeck Energy Services, Inc. | Generation Owners | Ferguson, Mike | Schrage, John | ✓Younger, Mark | | | | | | | |
| Innovative Energy Systems | Generation Owners | Zeliff, Peter | Henningham, Scott | Koplas , David | | | | | | | |
| Invenergy Energy Management LLC | Generation Owners | Ma , Alex | Zadlo , Kris | Orzel , Chris | | | | | | ✓LaRoe, Chris | |
| National Grid Generation LLC | Generation Owners | Kain , Terrence | McCabe , Brian | | | | | | | | |
| New Athens Generating Co. LLC | Generation Owners | Breen, Jack | DellOrto, Ken | DeVinney, Dan | Felak, Rich | | | | | | |
| 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 | | | | | | | ✓LaRoe, Chris | |
| Stephentown Spindle, LLC | Generation Owners | Berlinski , Mike | Yu , An | Hebert , Chris | | | | | | | |
| 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 | VanHorne , Phil | Gipson , Jon | Nichols , Jim | Eno , Jason | | | | | | |
| Boston Energy Marketing & Trading | Other Suppliers | ✓Kramek , Mike | | | | | | | | | |
| Brookfield Energy Marketing | Other Suppliers | ✓Francis, Frank | Ricketts, Robert | Whyte, Daniel | | | | | | | |
| Castleton Commodities Merchant Trading L.P. | Other Suppliers | Sun, Xijian | Cheong, Mei | | | | | | | | |
| Citigroup Energy Inc. | Other Suppliers | Trayers, Barry | | | | | | | | | |
| Comverge/Enerwise Global Technologies | Other Suppliers | Geoghan , Stephen | Lacey , Frank | ✓Ackerman, Alan | | | | | | | |
| Con 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 | | | | | | | | |
| DC Energy | Other Suppliers | Bleiweis, Bruce | Stevens, Andrew | Tate, Matthew | Milberg, Sadao | Kuo, David | | | | | |
| DTE Energy | Other Suppliers | Pakela, Gregory | Wieszczyk, Raymond | Norris, Paul | | | | | | | |
| Direct Energy Business Marketing, LLC | Other Suppliers | Philips , Marjorie | Comstock , Read | | | | | | | | |
| Dynergy 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 | | | | | | | | |
| HQ Energy Services US | Other Suppliers | ✓Bernier , Luc | Plante , Matthieu | ✓Leuthauser, Scott | Vennes, Yannick | | | | | | |
| Hess Corporpration | Other Suppliers | Sobieski, Dennis | | | | | | | | | |
| Iberdrola Renewables Inc | Other Suppliers | Allen, Thresa | | | | | | | | | |
| Innoventive Power | Other Suppliers | Gruber , Craig | Halford , Steve | | | | | | | | |
| Integrus Energy Services of New York, Inc | Other Suppliers | Haugh, Michael | | | | | | | | | |
| J.P. Morgan Ventures Energy Corporatio | Other Suppliers | O'Connell , Robert | Greenleaf , Steven | | | | | | | | |
| Lyonsdale Biomass, LLC | Other Suppliers | Ralston , William | Hebel , Nathan | ✓Carrigan , Kathleen | | | | | | | |
| Morgan Stanley Capital Group, Inc. | Other Suppliers | Murray, Patrick | Kochonies, Karen | Ezickson, Doron | | | | | | | |
| NRG Power Marketing Inc. | Other Suppliers | Johnson , Shaun | Kranz, Brad | Lagano , Judith | | | | | | | |
| NextEra Energy | Other Suppliers | Applebaum, David | Gardner , Michelle | Gil , David | | | | | | | |
| Noble Americas Gas & Power Corp. | Other Suppliers | Merola , Becky | Kyle , Chris | | | | | | | | |
| Ontario Power Generation, Inc. | Other Suppliers | Sheffield , Joel | Barr, David | Lacivita, Ken | Gell, Richard | | | | | | |
| PPL EnergyPlus, LLC | Other Suppliers | Hyzinski, Tom | Weghorst, Brad | ✓Weber, Sharon | Greening , Michele | Deacon , Robert | Francello , Mark | | | | |
| PSEG Energy Resource & Trade, LLC | Other Suppliers | ✓Fromer, Howard | Carretta , Kenneth | Messmer , Robert | Murawski , James | | | | | | |
| 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 | Overdyk, Marc | French, Dave | | | | | | | |
| TransCanada 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 |
|---|------------|---------------------|----------------------|-------------------|--------------|------------|------------|------------|------------|-------|-----------------|
| 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 | Gauthier, Martin | Roberge, Martin | | | | | | | | |
| NYS Department of Public Service | Non Voting | ✓ Heinrich, William | Mitchell, Tammy | Drexler, David | | | | | | | ✓ Barney, Diane |
| Noble Americas Energy Solutions | Non Voting | Sun , Jungsuk | Nakhonthap , Jade | ✓ Sunga , Leonard | | | | | | | |
| Northeast Clean Heat & Power Initiative | Non Voting | Brown, Ruben | Banach , Timothy | | | | | | | | |
| RBC Energy Services, LP | Non Voting | Burnham , Steve | Fraiture , Christian | Doolittle , Robin | | | | | | | |
| 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 | | | | | | | | | |
| Taylor Biomass Energy, LLC | Non Voting | Taylor , Jim | Page , Allan | | | | | | | | |
| TransAlta | 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 | | | | | |

NYISO Employees

Barlette, Richard

Bouchez, Nicole

Bullock, Leigh

Chao, Henry

Dixon, Kirk

Fernandez, Rob

Garrison, Brad

Jones, Kevin

Lin, Yachi

Mukerji, Rana