

Modeling Generation Senior Task Force (MGSTF)
PJM Conference and Training Center and WebEx
January 27, 2017
9:00 a.m. – 12:20 p.m. EPT

Administration (9:00-9:10)

1. Mr. Stanley Williams, PJM, and Ms. Megan McLaverty, PJM, welcomed, reviewed PJM meeting guidelines, agenda, and completed the roll call

Review Purpose of MGSTF and History of Issue (9:10-9:20)

2. Mr. Robert O'Connell, PPGI Fund A/B Development, LLC reviewed the Problem Statement and Issue Charge.

Task Force Charter (9:20-9:35)

3. Mr. Stan Williams, PJM, reviewed the draft MGSTF charter. Stan noted the charter will be reviewed, finalized and endorsement will be sought at the February MGSTF meeting.

Task Force Charter (9:35-9:40)

4. Mr. Stan Williams, PJM, reviewed the work plan to be accomplished by the MGSTF.

Education Presentations (9:40 – 10:30)

5. Mr. Thomas Hauske, PJM, provided a presentation on the history of combined cycle modeling in PJM.
6. Mr. Sai Moorthy, ERCOT, provided a presentation on ERCOT's current Combined Cycle Model.

Education Presentations (10:40 – 11:50)

7. Mr. Jim Gonzalez, SPP provided a presentation on SPP's current Combined Cycle Model.
8. Mr. George Angelidis, CAISO, provided a presentation on CAISO's current Combined Cycle Model.
9. Mr. Joseph Ciabattoni's, PJM, presentation on Combined Cycle Options using PJM's current system was postponed to the February meeting.

Future Agenda Items (11:50 a.m. – 12:00 p.m.)

Review & Endorse Charter and Work Plan

Review & Continue Education

Document Interests

Future Meeting Dates

February 15, 2017

1 p.m. – 4 p.m.

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Meeting Minutes

March 30, 2017
April 19, 2017
May 12, 2017

1 p.m. – 4 p.m.
1 p.m. – 4 p.m.
9 a.m. – 12 p.m.

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FACILITATOR/SECRETARY

| | | | |
|-----------|---------|--------------------------|----------------|
| Williams | Stanley | PJM Interconnection, LLC | Not Applicable |
| McLaverly | Megan | PJM Interconnection, LLC | Not Applicable |

IN-PERSON PARTICIPANTS

| Last Name | First Name | Company | Sector |
|-------------|------------|--|------------------|
| Johnson | Carl | Customized Energy Solutions, Ltd. | Not Applicable |
| Luna | Joel | Monitoring Analytics, LLC | Not Applicable |
| O'Connell | Robert | Main Line Electricity Market Consultants | Not Applicable |
| Pratzon | Dave | GT Power Group | Not Applicable |
| Scarpignato | David | Calpine Energy Services, L.P. | Generation Owner |

WEBEX PARTICIPANTS

| Last Name | First Name | Company | Sector |
|-----------|------------|--|----------------------|
| Angelidis | George | CAISO | Not Applicable |
| Behrens | Jason | Big Sandy Peaker Plant, LLC | Generation Owner |
| Bencheck | Jim | FirstEnergy Solutions Corp. | Transmission Owner |
| Brodbeck | John | EDP Renewables North America, LLC | Generation Owner |
| Esposito | Pati | TransCanada Power Marketing, Ltd. | Generation Owner |
| Filomena | Guy | Customized Energy Solutions, Ltd. | Not Applicable |
| Fitch | Neal | NRG Power Marketing, LLC | Generation Owner |
| Galarza | Ricardo | Not Applicable | Not Applicable |
| Gilliani | Rehan | Consolidated Edison Energy, Inc.. | Other Supplier |
| Gonzalez | Jim | SPP | Not Applicable |
| Gouda | John | Old Dominion Electric Cooperative | Electric Distributor |
| Hall | Michael | Old Dominion Electric Cooperative | Electric Distributor |
| Hoatson | Tom | Riverside Generating, LLC | Generation Owner |
| Josyula | Sira | Monitoring Analytics, LLC | Not Applicable |
| Kilgallen | Kevin | Avangrid Renewables, LLC | Generation Owner |
| Koropey | Boris | Northern Virginia Electric Cooperative | Electric Distributor |



| | | | |
|-----------|----------|--|----------------------|
| Lieberman | Steve | Old Dominion Electric Cooperative | Electric Distributor |
| Lowe | Connie | Dominion Energy Marketing, Inc. | Generation Owner |
| Manning | James | North Carolina Electric Membership Corporation | Electric Distributor |
| Marton | David | FirstEnergy Solutions Corp. | Transmission Owner |
| Midgely | Sharon | Exelon Business Services Company, LLC | Transmission Owner |
| Moorty | Sai | ERCOT | Not Applicable |
| Patten | Kevin | Appalachian Power Company | Transmission Owner |
| Ondayko | Brock | Appalachian Power Company | Transmission Owner |
| Ruck | Andrew | PSEG Energy Resources and Trade, LLC | Other Supplier |
| Sasser | Jonathan | Customized Energy Solutions, Ltd. | Not Applicable |
| Schimley | Kyle | American Municipal Power, Inc. | Electric Distributor |
| Shute | Jeff | Old Dominion Electric Cooperative | Electric Distributor |
| Slagel | Ron | Not Applicable | Not Applicable |
| Tabellion | Andrew | American Municipal Power, Inc. | Electric Distributor |
| Willman | Jerry | American Municipal Power, Inc. | Electric Distributor |
| Wright | James | Old Dominion Electric Cooperative | Electric Distributor |
| Yu | Joel | Rockland Electric Company | Transmission Owner |

PJM PARTICIPANTS

| Last Name | First Name | Company | Sector |
|------------|------------|--------------------------|----------------|
| Cawley | Troy | PJM Interconnection, LLC | Not Applicable |
| Endress | Eric | PJM Interconnection, LLC | Not Applicable |
| Fabiano | Janell | PJM Interconnection, LLC | Not Applicable |
| Hauske | Thomas | PJM Interconnection, LLC | Not Applicable |
| Hsia | Eric | PJM Interconnection, LLC | Not Applicable |
| Keyurbhai | Patel | PJM Interconnection, LLC | Not Applicable |
| Marcino | Angelo | PJM Interconnection, LLC | Not Applicable |
| McLavery | Megan | PJM Interconnection, LLC | Not Applicable |
| Morelli | Lisa | PJM Interconnection, LLC | Not Applicable |
| Patzin | Bill | PJM Interconnection, LLC | Not Applicable |
| Pilong | Chris | PJM Interconnection, LLC | Not Applicable |
| Stotesbury | Christina | PJM Interconnection, LLC | Not Applicable |
| Ward | Mike | PJM Interconnection, LLC | Not Applicable |
| Warshal | Kim | PJM Interconnection, LLC | Not Applicable |
| Williams | Stan | PJM Interconnection, LLC | Not Applicable |

Author: Megan McLavety

Anti-trust:

You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

Code of Conduct:

As a mandatory condition of attendance at today's meeting, attendees agree to adhere to the PJM Code of Conduct as detailed in PJM Manual M-34 section 4.5, including, but not limited to, participants' responsibilities and rules regarding the dissemination of meeting discussion and materials.

Public Meetings/Media Participation:

Unless otherwise noted, PJM stakeholder meetings are open to the public and to members of the media. Members of the media are asked to announce their attendance at all PJM stakeholder meetings at the beginning of the meeting or at the point they join a meeting already in progress. Members of the Media are reminded that speakers at PJM meetings cannot be quoted without explicit permission from the speaker. PJM Members are reminded that "detailed transcriptional meeting notes" and white board notes from "brainstorming sessions" shall not be disseminated. Stakeholders are also not allowed to create audio, video or online recordings of PJM meetings.

