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Primary Frequency Response Senior Task Force (PFRSTF)
PJM Conference and Training Center
March 21, 2018
9:00 a.m. – 12:00 p.m. EPT

Administration (9:00am-9:10am)

1. Ms. Jinny Park, PJM, conducted welcome, review of PJM meeting guidelines, agenda, roll call and approval of minutes.

Compliance Filing Review (9:10am-9:20am)

2. Mr. Jim Burlew, PJM, reviewed the compliance filing in regards to FERC Order 842.

Update to Performance Evaluation (9:20am-9:50am)

3. Ms. Danielle Croop, PJM, provided additional details on PFR performance evaluation.

Other RTO Requirements (9:50am - 10:05am)

4. Ms. Danielle Croop, PJM, provided details on PFR service at other RTOs within the Eastern Interconnection.

Break (10:05am-10:15am)

PFR Cost Estimate (10:15am - 10:45am)

5. Mr. Tom Hauske, PJM, provided details on cost estimates for providing PFR service.

Review Changes to AEP Proposal (10:45am-11:15am)

6. Mr. Brock Ondayko, AEP, reviewed changes to the AEP proposal.

Matrix Review (11:15am-11:45am)

7. Mr. Glen Boyle, PJM, reviewed the matrix.

Voting (11:45am-12:00pm)

8. Mr. Glen Boyle, PJM, prepared for a vote. Instead of a vote, a non-binding poll is expected to be open from April 4th to the 11th.

Lunch (12:00pm)

Future Agenda Items

April 26, 2018 9:00 a.m. PJM Conference & Training Center/WebEx May 23, 2018 9:00 a.m. PJM Conference & Training Center/WebEx

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June 26, 2018 July 25, 2018 9:00 a.m. 9:00 a.m. PJM Conference & Training Center/WebEx PJM Conference & Training Center/WebEx

In-Person Attendees:

| Last Name | First Name | Company | Sector |
|------------|------------|--------------------------|----------------|
| Boyle | Glen | PJM Interconnection, LLC | Not Applicable |
| Bryson | Mike | PJM Interconnection, LLC | Not Applicable |
| Burlew | Jim | PJM Interconnection, LLC | Not Applicable |
| Ciabattoni | Joseph | PJM Interconnection, LLC | Not Applicable |
| Hsia | Eric | PJM Interconnection, LLC | Not Applicable |
| McGlynn | Paul | PJM Interconnection, LLC | Not Applicable |

In Attendance via Web Ex / Teleconference:

| Last Name | First Name | Company | Sector |
|---------------|------------|--|----------------------|
| Achaab | Ed | AEP Energy Partners, Inc. | Other Supplier |
| Ahmad | Syed | The Federal Energy Regulatory Commission | Not Applicable |
| Ainspan | Malcolm | Energy Curtailment Specialists, Inc. | Other Supplier |
| Benchek | Jim | FirstEnergy Solutions Corp. | Transmission Owner |
| Bolan | Martin | FirstEnergy Solutions Corp. | Transmission Owner |
| Bonner | Charles | Dominion Virginia Power | Not Applicable |
| Campbell | Bruce | Enerwise Global Technologies, Inc. | Other Supplier |
| Carmean | Gregory | OPSI | Not Applicable |
| Croop | Danielle | PJM Interconnection, LLC | Not Applicable |
| D'Alessandris | Lou | FirstEnergy Solutions Corp. | Transmission Owner |
| Davis | Elizabeth | PJM Interconnection, LLC | Not Applicable |
| Davis | Jim | Dominion Energy Generation Marketing | Generation Owner |
| Dugan | Chuck | East Kentucky Power Cooperative | Transmission Owner |
| Fan | Zhenyu | PJM Interconnection, LLC | Not Applicable |
| Filomena | Guy | Customized Energy Solutions, Ltd. | Not Applicable |
| Fletcher | James | AEP Energy Partners, Inc. | Other Supplier |
| Foladare | Kenneth | Tangibl | Not Applicable |
| Ford | Adrien | Old Dominion Electric Cooperative | Electric Distributor |

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| Genuario | Gabby | PJM Interconnection, LLC | Not Applicable |
|-------------|----------|------------------------------------|----------------------|
| Gordon | Brad | NERC | Not Applicable |
| Haas | Howard | Monitoring Analytics, LLC | Not Applicable |
| Hauske | Tom | PJM Interconnection, LLC | Not Applicable |
| Hebert | Chris | Beacon Power, LLC | Other Supplier |
| Hendrzak | Chantal | PJM Interconnection, LLC | Not Applicable |
| Hoatson | Tom | Riverside Generating, LLC | Other Supplier |
| Horstmann | John | Dayton Power & Light Company (The) | Transmission Owner |
| Hyzinski | Tom | GT Power Group | Not Applicable |
| Johnson | Carl | Customized Energy Solutions, Ltd. | Not Applicable |
| Kauffman | Brian | NRG Curtailment Solutions | Other Supplier |
| Kelly | Stephen | Brookfield Energy Marketing LP | Other Supplier |
| Kilgallen | Kevin | Avangrid Renewables LLC | Generation Owner |
| Kimmel | David | PJM Interconnection, LLC | Not Applicable |
| Lowe | Connie | Dominion Virginia Power | Not Applicable |
| Midgley | Sharon | Atlantic City Electric Company | Electric Distributor |
| O'Hara | Bernard | PJM Interconnection, LLC | Not Applicable |
| Ondayko | Brock | Appalachain Power Company | Transmission Owner |
| Park | Jinny | PJM Interconnection, LLC | Not Applicable |
| Pratzon | David | GT Power Group | Not Applicable |
| Sasser | Jonathan | Customized Energy Solutions, Ltd. | Not Applicable |
| Schuyler | Ken | PJM Interconnection, LLC | Not Applicable |
| Slagel | Ron | Unknown | Unknown |
| Souder | Dave | PJM Interconnection, LLC | Not Applicable |
| Stefanowicz | Vincent | PJM Interconnection, LLC | Not Applicable |
| Sturgeon | John | Duke Energy Carolinas, LLC | Other Supplier |
| Sweeney | Rory | RTO Insider | Not Applicable |
| Xenopoulos | Damon | SMXB | Not Applicable |

Author: Jinny Park

Antitrust:

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

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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. PJM may create audio, video or online recordings of stakeholder meetings for internal and training purposes, and your participation at such meetings indicates your consent to the same.

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