Market Efficiency Process Enhancement Task Force (MEPETF) PJM Conference and Training Center December 7, 2018 9:00 a.m. – 12:00 p.m. EPT

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

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- 1. Welcome, review agenda, PJM meeting guidelines, roll call and Anti-trust and Code of Conduct announcements Mr. Fran Barrett and Mr. Jack Thomas.
- 2. Approved the draft minutes from the November 9, 2018 MEPETF meeting.

#### **Regional Targeted Market Efficiency Projects (9:10 – 10:00)**

3. Brian Chmielewski provided a high-level comparison between Market Efficiency projects and Regional Targeted Market Efficiency projects. The presentation generated several good discussions around the need and mechanics of the RTMEP.

#### Phase 2 Matrix (10:00 – 10:50)

4. The matrix discussion was tabled in lieu of reviewing potential polling questions.

#### Draft Polling Questions (11:00 – 12:00)

5. Several new potential MEPETF polling questions were added to the existing questions. PJM will adjust the question order to help the survey flow better, and they will also modify the questions to help ensure everyone can easily understand them. The survey will be distributed to the MEPETF sometime early in the week of December 10, 2018 to allow further comments. The goal is to start the non-binding poll on December 14 or 17, and close it on December 21.

#### Action Items

- PJM will search for any market efficiency projects that solve historical congestion that is unable to be modeled in future cases and also solves future congestion seen in forward looking models. (In Progress)
- PJM will clarify the in-service date for RTMEP. It currently says "3<sup>rd</sup> Summer Peak". (Changed to June 1 of 3<sup>rd</sup> Summer)
- A group within the MEPETF will investigate the applicability of any FERC order, or other documentation, language on the Market Efficiency Process. Current members that will be performing the investigation are: Pauline Foley, Sharon Segner and Tonja Wicks. (In Progress)
- A data request for the Percentage (Ratio) of \$\$ value of Net Load Payment reduction to dollar value of congestion relieved under MEP process looking at historical MEP projects that have been approved and not approved. (In Progress)
- PJM will provide a list of historical congestion, day-ahead and Real-time, that would be considered in the RTMEP. (*In Progress*)

#### Future Meeting Dates

January 7, 2019

9:00 a.m. - 12:00 p.m.

PJM Conference & Training Center/ WebEx



January 25, 2019 February 8, 2019 February 28, 2019 9:00 a.m. – 12:00 p.m. 9:00 a.m. – 12:00 p.m. 9:00 a.m. – 12:00 p.m. PJM Conference & Training Center/ WebEx PJM Conference & Training Center/ WebEx PJM Conference & Training Center/ WebEx

## Author: J. Thomas

| Attendance | (In Person) |  |
|------------|-------------|--|
|            |             |  |

| Last Name   | First Name | Company Name                             | Sector               |
|-------------|------------|--|----------------------|
| Barrett     | Fran       | PJM Interconnection, LLC                 | Not Applicable       |
| Berner      | Aaron      | PJM Interconnection, LLC                 | Not Applicable       |
| Chmielewski | Brian      | PJM Interconnection, LLC                 | Not Applicable       |
| Dadourian   | John       | Monitoring Analytics, LLC                | Not Applicable       |
| Dumitriu    | Nicolae    | PJM Interconnection, LLC                 | Not Applicable       |
| Foladare    | Kenneth    | Tangibl                                  | Not Applicable       |
| Foley       | Pauline    | PJM Interconnection, LLC                 | Not Applicable       |
| Ford        | Adrien     | Old Dominion Electric                    | Electric Distributer |
| Glatz       | Suzanne    | PJM Interconnection, LLC                 | Not Applicable       |
| Herling     | Steve      | PJM Interconnection, LLC                 | Not Applicable       |
| Horger      | Tim        | PJM Interconnection, LLC                 | Not Applicable       |
| Kogut       | George     | New York Power Authority                 | Other Supplier       |
| Loresch     | Jonathan   | American Transmission<br>Systems, Inc.   | Transmission Owner   |
| Mirhosseini | Niloufar   | PJM Interconnection, LLC                 | Not Applicable       |
| Nix         | Emma       | PJM Interconnection, LLC                 | Not Applicable       |
| Scarpignato | David      | Calpine Energy Services, L.P.            | Generation Owner     |
| Segner      | Sharon     | LS Power Transmission, LLC               | Not Applicable       |
| Seiler      | Ken        | PJM Interconnection, LLC                 | Not Applicable       |
| Shah        | Pulin      | PECO Energy Company                      | Transmission Owner   |
| Stern       | Alex       | Public Service Electric and Gas          | Transmission Owner   |
| Taylor      | Robert     | Exelon Business Services<br>Company, LLC | Transmission Owner   |





| Thomas    | Jack | PJM Interconnection, LLC | Not Applicable |
|-----------|------|--------------------------|----------------|
| Worcester | Alex | PJM Interconnection, LLC | Not Applicable |

### Attendance (Teleconference)

| Last Name | First Name   | Company Name                     | Sector               |
|-----------|--------------|----------------------------------|----------------------|
| Ali       | Shadab       | PPL Electric Utilities Corp. dba | Transmission Owner   |
|           |              | PPL Utilities                    |                      |
| Allen     | William Bill | Commonwealth Edison              | Transmission Owner   |
|           |              | Company                          |                      |
| Arsalan   | Qamar        | Public Service Electric & Gas    | Transmission Owner   |
|           |              | Company                          |                      |
| Austin    | Larry        | PJM Interconnection, LLC         | Not Applicable       |
| Benson    | Ed           | NextEra Energy Transmission,     | Other Supplier       |
|           |              | LLC                              |                      |
| Brodbeck  | John         | EDP Renewables North America,    | Other Supplier       |
|           |              | LLC                              |                      |
| Dolan     | Ryan         | American Municipal Power, Inc.   | Electric Distributor |
| Filomena  | Guy          | Customized Energy Solutions,     | Not Applicable       |
|           |              | Ltd.                             |                      |
| Ford      | Adrien       | Old Dominion Electric            | Electric Distributor |
|           |              | Cooperative                      |                      |
| Fuerst    | Gary         | American Transmission Systems,   | Transmission Owner   |
| ,         |              | Inc.                             |                      |
| Gahimer   | Mike         | IN Office of Utility Consumer    | End User Customer    |
|           |              | Counselor                        |                      |
| Gilani    | Rehan        | ConEdison Energy, Inc.           | Other Supplier       |
| Heinle    | Frederick    | Office of the People's Counsel   | End User Customer    |
| Helms     | Joseph       | Rainbow Energy Marketing         | Other Supplier       |
|           |              | Corporation                      |                      |
| Hirsh     | Chad         | Duquesne Light Company           | Transmission Owner   |
| Hoatson   | Tom          | Riverside Generating, LLC        | Other Supplier       |
| Hollis    | Gabriel      | NextEra Energy Transmission,     | Other Supplier       |
|           |              | LLC                              |                      |
| Horstmann | John         | Dayton Power & Light Company     | Transmission Owner   |
|           |              | (The)                            |                      |
| Hutt      | Daniel       | Public Service Electric & Gas    | Transmission Owner   |
|           |              | Company                          |                      |
| Johnson   | Carl         | Customized Energy Solutions,     | Not Applicable       |
|           |              | Ltd.*                            |                      |
| Koehler   | Nicolas      | AEP Indiana-Michigan             | Transmission Owner   |
|           |              | Transmission Company, Inc.       |                      |
| kupcinski | candice      | Atlantic City Electric Company   | Electric Distributor |
| Laios     | Takis        | Appalachian Power Company        | Transmission Owner   |



| LaVista     | Bill William   | PSEG Energy Resources and                  | Transmission Owner   |
|-------------|----------------|--|----------------------|
|             |                | Trade, LLC                                 |                      |
| Lawson      | Ryen           | Dominion Virginia Power                    | Not Applicable       |
| Lockwood    | Craig          | Appalachian Power Company                  | Transmission Owner   |
| Lyakhovich  | Leonid         | Public Service Electric & Gas              | Transmission Owner   |
|             |                | Company                                    |                      |
| Mauroschadt | Erich          | PJM Interconnection, LLC                   | Not Applicable       |
| Nekolny     | Christopher    | Exelon Generation Co., LLC                 | Generation Owner     |
| Pratzon     | David          | GT Power Group                             | Not Applicable       |
| Richards Jr | Cleveland      | Price Waterhouse Cooper                    | Not Applicable       |
| Rohrbach    | John           | Southern Maryland Electric<br>Cooperative  | Electric Distributor |
| Scott       | Hugh           | Baltimore Gas and Electric<br>Company      | Transmission Owner   |
| Shegarfi    | Roozbeh        | Exelon Energy Company                      | Transmission Owner   |
| Shoemaker   | Jason          | PJM Interconnection, LLC                   | Not Applicable       |
| Stern       | Alexander Alex | Public Service Electric & Gas              | Transmission Owner   |
|             |                | Company                                    |                      |
| Sweeney     | Rory           | RTO Insider                                | Not Applicable       |
| Taylor      | Robert         | Exelon Business Services<br>Company, LLC   | Transmission Owner   |
| Taylor      | Miles          | Northern Indiana Public Service<br>Company | Other Supplier       |
| Tekle       | Zelalem        | Baltimore Gas and Electric<br>Company      | Transmission Owner   |
| Thundiyil   | Kevin          | Exelon Energy Company                      | Transmission Owner   |
| Von Pinho   | Frederico      | NextEra Energy Transmission,<br>LLC        | Other Supplier       |
| York        | Amy            | McNees Wallace & Nurick                    | Not Applicable       |
| Zahidi      | Mohamed        | PSEG Energy Resources and<br>Trade LLC     | Transmission Owner   |
| Zhang       | Li Frank       | Dominion Virginia Power                    | Not Applicable       |

#### 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 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,



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#### Participant Identification in WebEx:

When logging into the WebEx desktop client, please enter your real first and last name as well as a valid email address. Be sure to select the "call me" option. PJM support staff continuously monitors WebEx connections during stakeholder meetings. Anonymous users or those using false usernames or emails will be dropped from the teleconference.

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| <ul> <li>Join a Meeting</li> <li>2. Enter name (<i>First and Last*</i>) and corporate email</li> </ul> |  |  |  |

3. Under "Select Audio Option" select "Call Me" option from the dropdown menu

\*Note: Anonymous users or those using false usernames or emails will be dropped from the teleconference.

Provide feedback on the progress of this group: <u>*Facilitator Feedback Form*</u> Visit <u>*learn.pjm.com*</u>, an easy-to-understand resource about the power industry and PJM's role.