

**Demand Response Subcommittee**  
**PJM Conference and Training Center**  
**June 19, 2019**  
**1:00 p.m. – 4:00 p.m. EPT**

## (9:00 - 9:15) Administration

1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
  - A. Roll call: in-person only
  - B. Approved the prior minutes – 5/28/2019 meeting
  - C. No requested additional agenda items
  - D. Brief update/discussion of DR related activity in other stakeholder groups – MIC, OC, PC, or other
    - a. No updates

## DR Hub Update

2. Andrea Yeaton provided a quick update on DR Hub changes.

Training data will be refreshed with Production data on 7/15/19. All current training data will be deleted and replaced with production data. Email [DR Operations](#) with any issues or questions.

## Review of 19/20 Load Management registration process and associated operational suggestions

3. Andrea Yeaton provided a summary of the recent Load Management registration process and some proposed operational changes. This was an open discussion to determine if members have any suggested changes to help make the registration process more effective.

Load Management registrations for the 19/20 DY ended on 5/31/19.

47 unique customers were involved in duplicate process (Last year there were 93 customers). All 47 only went through process one time. PJM was not involved in the duplicate process for any of the 47 customers.

Load data needed to calculate WPL went from ~800 last DY to 4,200 this DY.

Volume of load data request for DY 20/21 is expected to significantly increase ~12,000 (we will be CP only at this point – no more base product).

There is a known bug for RPM Auction Resource going blank after RPM Auction resource is selected and checkbox for “Completed” is selected at same time. This will be fixed in an upcoming release.

## (9:45 – 10:15) DR survey results and proposed future DR training plans

4. Shane Watts provided a summary of the recent DR training survey. Shane also discussed future DR training plans based on member responses from the survey.

There were 46 survey respondents.

Slides with notes will be added to future WebEx trainings. Trainings that are 2 hours and less will include a WebEx. Half-day and greater trainings usually also have simulator training, so these will be in-person.

In-depth 2-day course will be done annually (tentatively every September).

61% (of the 46) interested in voluntary CSP certification program.

We may try to start the training process with the September 2-day course. If material is not ready then we will start with DR Overview in October.

A CSP recommended we consider adding training for end use customers.

## Proposed Load Management test requirement changes

- We reviewed the overall timeline and continued to discuss the proposed packages. Proposal sponsors highlighted any additional changes. Stakeholders were asked to highlight any major issues they had with each proposal. A poll will be conducted after the meeting to help guide any additional consensus opportunities before the proposal(s) are sent to the MIC for a vote.

## Future Agenda Items

An additional DRS meeting was scheduled for Monday, 7/1/19, from 1:00 PM to 4:00 PM.

## Future Meeting Dates

|           |           |                   |   |
|-----------|-----------|-------------------|---|
| Tuesday   | 7/23/2019 | 9:00 am – 4:00 pm | PJM Conference & Training Center/ Webex |
| Tuesday   | 8/13/2019 | 9:00 am – 4:00 pm | PJM Conference & Training Center/ Webex |
| Thursday  | 9/5/2019  | 9:00 am – 4:00 pm | PJM Conference & Training Center/ Webex |
| Wednesday | 10/2/2019 | 9:00 am – 4:00 pm | PJM Conference & Training Center/ Webex |
| Wednesday | 11/6/2019 | 9:00 am – 4:00 pm | PJM Conference & Training Center/ Webex |
| Monday    | 12/9/2019 | 9:00 am – 4:00 pm | PJM Conference & Training Center/ Webex |

Author: Jack Thomas

|                    |          |                                   |                      |
|--------------------|----------|-----------------------------------|----------------------|
| Langbein (Chair)   | Peter    | PJM Interconnection, LLC          | Not Applicable       |
| Thomas (Secretary) | Jack     | PJM Interconnection, LLC          | Not Applicable       |
| Colbert            | Cathleen | NRG Power Marketing LLC           | Other Supplier       |
| Foladare           | Ken      | Tangibl                           | Not Applicable       |
| Ford               | Adrien   | Old Dominion Electric Cooperative | Electric Distributor |
| Kauffman           | Brian    | EnerNOC, Inc.                     | Other Supplier       |
| Kogut              | George   | New York Power Authority          | Other Supplier       |
| Long               | Glenn    | PJM Interconnection, LLC          | Not Applicable       |
| Lu                 | Chenchao | PJM Interconnection, LLC          | Not Applicable       |

|             |        |                               |                  |
|-------------|--------|-------------------------------|------------------|
| Mabry       | David  | McNees Wallace & Nurick LLC   | Not Applicable   |
| Marzewski   | Skyler | Monitoring Analytics, LLC     | Not Applicable   |
| McAnany     | James  | PJM Interconnection, LLC      | Not Applicable   |
| Nyemko      | Masha  | PJM Interconnection, LLC      | Not Applicable   |
| O'Neill     | Jack   | PJM Interconnection, LLC      | Not Applicable   |
| Scarpignato | David  | Calpine Energy Services, L.P. | Generation Owner |
| Sweeney     | Rory   | GT Power Group                | Not Applicable   |
| Watts       | Shane  | PJM Interconnection, LLC      | Not Applicable   |
| Yeaton      | Andrea | PJM Interconnection, LLC      | Not Applicable   |

## In Attendance via WebEx / Teleconference

|               |         |   |                    |
|---------------|---------|---|--------------------|
| Borgatti      | Michael | Gabel and Associates                      | Not Applicable     |
| Campbell      | Bruce   | EnergyConnect, Inc.                       | Other Supplier     |
| Cavan         | Peter   | Direct Energy Business, LLC               | Other Supplier     |
| Christopher   | Mahila  | Public Utilities Commission of Ohio (The) | Not Applicable     |
| D'Alessandris | Lou     | FirstEnergy Solutions Corp.               | Transmission Owner |
| DeLosa        | Joseph  | DE Public Service Commission              | Not Applicable     |
| Drom          | Richard | Eckert Seamans                            | Not Applicable     |
| Dugan         | Chuck   | East Kentucky Power Cooperative, Inc.     | Transmission Owner |
| Ehrichs       | Lisa    | Duke Energy Business Services LLC         | Generation Owner   |
| Fiano         | Anna    | KeyTex Energy, LLC                        | Other Supplier     |
| Filomena      | Guy     | Customized Energy Solutions, Ltd.         | Not Applicable     |
| Gates         | Terry   | Appalachian Power Company                 | Transmission Owner |
| George        | Brian   | Federal Energy Regulatory Commission      | Not Applicable     |
| Ginsberg      | Ilana   | Constellation Energy services, Inc.       | Other Supplier     |
| Johnson       | Carl    | Customized Energy Solutions, Ltd.*        | Not Applicable     |
| McDaniel      | John    | Baltimore Gas and Electric Company        | Transmission Owner |
| Miller        | John    | Commonwealth Edison                       | Transmission Owner |

|            |                 | Company   |                    |
|------------|-----------------|---|--------------------|
| Miller     | Amy             | Union Electric Company<br>d/b/a Ameren Missouri | Other Supplier     |
| Philip     | Richard Rich    | Duke Energy Business<br>Services LLC            | Transmission Owner |
| Sasser     | Jonathan        | Customized Energy<br>Solutions, Ltd.*           | Not Applicable     |
| Schaefer   | Stephen (Steve) | SAS Energy                                      | Not Applicable     |
| Sturgeon   | John            | Duke Energy Carolinas,<br>LLC                   | Other Supplier     |
| Wehnes     | Kathleen        | Maryland State<br>Government                    | Not Applicable     |
| Winkler    | Eric            | Winkler Energy<br>Consulting                    | Not Applicable     |
| Xenopoulos | Damon           | Brickfield, Burchette,<br>Ritts & Stone, P.C.   | Not Applicable     |
| Zuschak    | Joseph          | FirstEnergy Solutions<br>Corp.                  | Transmission Owner |

**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, video or online recordings of PJM meetings.

**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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| <p><b>On the Phone Dial</b></p>  <p>Mute / Unmute</p> | <p><b>Linking Teleconference Connection to WebEx</b></p> <p>To link your teleconference connection (audio presence) to your WebEx presence, please dial *29 and enter your Personal Identification Number. Once you are logged in to the WebEx, this PIN can be found under the "Meeting Info" tab of your WebEx window.</p> |
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# Draft Meeting Minutes

## Join a Meeting

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