



Demand Response Subcommittee WebEx/Conference Call Sep 2, 2022 9:00 am – 12:00 pm EPT

Administration (9:00 - 9:15)

- 1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
 - A. WebEx report will be used for attendance
 - B. Review prior minutes 9/2/2022 meeting
 - C. Request for any additional agenda items
 - D. Brief update/discussion of DR related activity in other stakeholder groups MIC, OC, PC, or other
 - E. Training for DR participation in the updated reserve markets conducted on 9/13/22

(9:15 – 9:30) Consolidation of DRS & DIRS

PRESENTATION

2. Pete Langbein discussed the initial planning and thoughts behind consolidating the DRS and DIRS into one subcommittee. Some members expressed concerns with the timing of the consolidation and suggested any changes wait until after FERC provides an Order on 2222. Pete explained that conforming 2222 Manual changes and associated implementation was already planned to take place in the DRS and that we can schedule full days to ensure there is plenty of time to discuss all topics in one venue,

(9:30 – 9:40) Critical Natural Gas Infrastructure Governing Documents and Manual changes

 Jack O'Neill briefed on upcoming changes to the Critical Natural Gas Infrastructure Documents and PJM Manuals that have since been *first read* at the September MIC. Please see MIC for red lined documents.

(9:40 – 10:10) Review PJM draft protocol for Home Area Network (HAN) devices

PRESENTATION

4. Jim McAnany discussed the draft protocol for use of HAN devices where KYZ pulse information is not available, as well as the device requirements needed for PJM to approve.

(10:10 – 10:30) On-site Generator cost used for Economic DR energy settlements

PRESENTATION

5. Pete Langbein discussed details regarding marginal cost (M-15 guidelines) used to evaluate Economic DR energy settlements. Details included how to determine the incremental output for On-Site Generator, and guidelines for determining on-site generator costs.

(10:30 – 10:40) BREAK

(10:40 – 12:00) Education for Problem Statement to explore alternative FSL capacity compliance M&V for weather sensitive load for DR/PRD

Part A Part B

6. Education regarding the approved problem statement/issue charge on capacity compliance calculations for weather sensitive load.





- A) David Bloom provided background information on the problem statement and issue charge
- B) Pete Langbein detailed prior stakeholder efforts and current capacity compliance M&V protocol.

Future Agenda Items

Participants will have the opportunity to request the addition of any new item(s) to the agenda of a future meeting.

Future Meeting Dates

Author: Shane Watts

| Future Meeting Dates and Materials | | | Materials Due | Materials |
|------------------------------------|---------------------|------------------------|---------------|------------|
| Date | Time | Location | to Secretary | Published |
| 10/3/2022 | 9:00 am to 12:00 pm | WebEx / Teleconference | 9/23/2022 | 9/28/2022 |
| 11/9/2022 | 9:00 am to 12:00 pm | WebEx / Teleconference | 11/1/2022 | 11/4/2022 |
| 12/5/2022 | 1:00 pm to 4:00 pm | WebEx / Teleconference | 11/22/2022 | 11/30/2022 |

| Last Name | First Name | Company | Sector |
|--------------|-------------|--|----------------------|
| Langbein | Pete | PJM Interconnection, LLC | Chair |
| Watts | Shane | PJM Interconnection, LLC | Secretary |
| Wehr | Christopher | Metropolitan Edison Company | Electric Distributor |
| Croop | Danielle | PJM Interconnection, LLC | None |
| Anthony | Jason | KORenergy, Ltd. | Other Supplier |
| Anders | David | PJM Interconnection, LLC | None |
| Brooks | Royce | Old Dominion Electric Cooperative | Electric Distributor |
| Baker | Laura | Stone, Mattheis, Xenopoulos & Brew, PC | None |
| Kim | Jiyeon | Constellation Energy Commodities Group, Inc. | None |
| Sorrels | James | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Kaczanowski | Marek | Baltimore Gas and Electric Company | Transmission Owner |
| Davis | James (Jim) | Dominion Energy Generation Marketing, Inc. | Generation Owner |
| Bryson | Michael | PJM Interconnection, LLC | None |
| Poulos | Greg | CAPS | None |
| Fishback | Luke | Affirmed Energy LLC | Other Supplier |
| Rainey | John | Northern Virginia Electric Cooperative | Electric Distributor |
| Gunn | Garan | Public Service Electric & Gas Company | Transmission Owner |
| Breidenbaugh | Aaron | Rodan Energy Solutions (USA) Inc. | Other Supplier |
| Bradley | Gregg | EDF Energy NA | Other Supplier |
| Lu | Chenchao | PJM Interconnection, LLC | None |
| Elkins | Rachel | FirstEnergy Corporation | Transmission Owner |
| Drom | Richard | Eckert Seamans | None |
| Colaresi | Chandra | Cpower Energy Management | None |





| Rutledge | Craig | AEP Appalachian Transmission Company, Inc. Transmission Owner | |
|-------------|----------|---|--------------------|
| Whitehead | Jeffrey | GT Power Group | None |
| Esquivel | Manuel | Enel North America | Other Supplier |
| Schisler | Ken | Enel X North America, Inc. | Other Supplier |
| McAnany | James | PJM Interconnection, LLC | None |
| Miller | John | Commonwealth Edison Company | Transmission Owner |
| Wehnes | Kathleen | Maryland Public Service Commission | None |
| Ellis | David | Public Service Electric & Gas Company | Transmission Owner |
| Hoatson | Thomas | Riverside Generating, LLC | Generation Owner |
| Marzewski | Skyler | Monitoring Analytics, LLC | None |
| Hartman | Gary | Talen Energy Marketing, LLC | Generation Owner |
| Lakin | Neil | Voltus | None |
| Kirk | Ryan | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Mabry | David | McNees Wallace & Nurick LLC | None |
| Parker | Brad | Liberty Utilities | None |
| Meriondale | Kevin | Jersey Central Power & Light Company | Transmission Owner |
| Richardson | Terrance | Duquesne Light Company | Transmission Owner |
| Kotras | Craig | Baltimore Gas and Electric Company | Transmission Owner |
| Ondayko | Brock | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Guignet | Douglas | PJM Interconnection, LLC | None |
| Johnson | Carl | Customized Energy Solutions, Ltd.* | None |
| Midgley | Sharon | Exelon Business Services Company, LLC | Transmission Owner |
| Scheidecker | Paul | PJM Interconnection, LLC | None |
| Ehrichs | Lisa | Duke Energy Business Services LLC | Transmission Owner |
| Benchek | Jim | American Transmission Systems, Inc. | Transmission Owner |
| Pino | William | Baltimore Gas and Electric Company | Transmission Owner |
| Mariam | Yohannes | Office of the Peoples Counsel for the District of Columbia | End-Use Customer |
| Fiano | Anna | KeyTex Energy, LLC | Other Supplier |
| Johnston | David | Indiana Utility Regulatory Commission | None |
| D'Antonio | Phil | PJM Interconnection, LLC | None |
| Bloom | David | Baltimore Gas and Electric Company | Transmission Owner |
| Hyzinski | Tom | GT Power Group | None |
| Mason | Gary | FirstEnergy Corporation | Transmission Owner |
| McDaniel | John | Baltimore Gas and Electric Company | Transmission Owner |
| Filomena | Guy | Customized Energy Solutions, Ltd.* | None |
| O'Neill | Jack | PJM Interconnection, LLC | None |
| Campbell | Bruce | Campbell Energy Advisors, LLC | None |
| Swalwell | Brad | Tangent Energy Solutions, Inc. | Other Supplier |
| Yeaton | Andrea | PJM Interconnection, LLC | None |





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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.

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