

**Market Settlements Subcommittee  
Conference Call  
May 22, 2019  
1:00 p.m. – 4:00 p.m. EST**

## Administration

PJM reviewed the Anti-Trust Policy, Code of Conduct and Media Participation Policy and performed roll call. The Subcommittee approved the minutes from the April 18, 2019 MSS meeting.

Members were asked to provide any updates to their NSPL scaling plans. No updates were provided.

Mr. Nick DiSciullo, PJM, provided details on Settlement C processing in the April 2019 monthly invoice impacting the DOM zone. January 2019 source data was adjusted.

The July MSS meeting has been rescheduled to July 22<sup>nd</sup>.

## Working Issues

### 1. Order 841 Energy Storage Resources

Mr. Andrew Levitt, PJM, provided an update on FERC Order 841 Energy Storage Resources. Andrew discussed definitions, policy timeline, the ESR opt in/out participation model, the difference between dispatched and non-dispatched charging energy (NDCE), charges paid by non-dispatched charging energy, and NDCE Reporting for EDCs.

Mr. Andrew Levitt also discussed the settlement of Load Serving Charging Energy for Energy Storage Resources that directly serve load under Order 841. Andrew provided in-depth examples of various ESR configurations, including settling load and Direct Charging Energy load serving ESR, metering and method to identify Load Serving Charging Energy at a resilience ESR, and metering and method to identify Direct Charging Energy at a customer-side ESR.

Additional discussion on this topic will take place during the June MIC and MSS meetings.

### 2. Manual 28 Biennial Review

Mr. Ray Fernandez, PJM, provided an informational update on the proposed red-lined changes to Manual 28 as part of the biennial review process. The red-lined changes will be presented at the June 12<sup>th</sup> MIC for a first read.

## Miscellaneous Settlements Items

### 3. ARR Target Credits

Mr. Sean Flamm, PJM, presented the upcoming changes to the ARR Target Credits report. PJM proposed adding an additional column to differentiate between ARR that were originally allocated and ARR that were distributed based on network load shifts.

## 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

June 20, 2019	1:00 p.m. – 4:00 p.m.	Conference Call
July 22, 2019	1:00 p.m. – 4:00 p.m.	Conference Call
August 15, 2019	1:00 p.m. – 4:00 p.m.	Conference Call
September 19, 2019	1:00 p.m. – 4:00 p.m.	Conference Call
October 24, 2019	1:00 p.m. – 4:00 p.m.	Conference Call
November 21, 2019	1:00 p.m. – 4:00 p.m.	Conference Call
December 18, 2019	1:00 p.m. – 4:00 p.m.	Conference Call

## Attendees (in person)

Fernandez, Raymond (Chair)	PJM Interconnection, LLC	Not Applicable
DiSciullo, Nicholas (Secretary)	PJM Interconnection, LLC	Not Applicable
Budney, David	PJM Interconnection, LLC	Not Applicable
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Foladare, Kenneth	Tangibl	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative, Inc	Electric Distributor
Levitt, Andrew	PJM Interconnection, LLC	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Williams, Stanley	PJM Interconnection, LLC	Not Applicable

## Attendees via WebEx / Teleconference

Akundi, Pallavi	PCI	Not Applicable
Benchek, Jim	American Transmission Systems, Inc.	Transmission Owner
Carrico, Bryan	PCI	Not Applicable
Cavan, Peter	Direct Energy Business Marketing, LLC	Not Applicable
Contreras, Melissa	Appalachian Power Company	Transmission Owner
DeCremer, Dave	WPPI Energy	Other Supplier
Dillon, Matthew	UGI Development Company	Generation Owner
Dixon, Chad	Customized Energy Solutions, Ltd.	Not Applicable
Durinsky, Mike	Allegheny Energy Supply Company, L.L.C.	Generation Owner
Ejebe, Gabriel	OATI	Not Applicable
Feller, John	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Flamm, Sean	PJM Interconnection, LLC	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Garcia, Max	Calpine Energy Services, L.P.	Generation Owner
Gondek, John	PSEG Energy Resources and Trade LLC	Transmission Owner
Grisolia, Albert	Public Service Electric & Gas Company	Transmission Owner
Hartman, Gary	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Hewett, Christopher	Virginia Electric & Power Company	Transmission Owner
Higgins, Sharon	Duke Energy Commercial Asset Management, Inc.	Generation Owner
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horning, Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Horst, Cheryl	Baltimore Gas & Electric Company	Transmission Owner
Jadue, Omar	FirstEnergy Solutions Corp.	Transmission Owner
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jha, Monica	PCI	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kim, Jiyeon	Constellation Energy Commodities Group, Inc.	Other Supplier
Kingston, Amber	North Carolina Electric Membership Corporation	Electric Distributor
Kotras, Craig	Baltimore Gas and Electric Company	Transmission Owner
Krishnaraj, Morgini	Brookfield Energy Marketing LP	Other Supplier

Lejcar, Jamie  
 Lovely, Christina  
 Mabry, David  
 Matuszak, Alex  
 Molnar, Steve  
 Myers, Teri  
 Nguyen, Karen  
 Nichols, Lloyd  
 Ondayko, Brock  
 Peoples, John  
 Philips, Marjorie  
 Plevin, Cherie  
 Polka, Joseph  
 Rayhorn ES, Carolyn  
 Rieger, Laura  
 Sasser, Jonathan  
 Saxe, Barbara  
 Saxena, Richa  
 Sensenig, Jim  
 Squibb, Bill  
 Stroud, Elizabeth  
 Sutcliffe, Cindy  
 Tangirala, Subha  
 Tedore, Diane  
 Treadwell, Albert  
 Verduin, Glenn  
 Walter, Laura  
 Werner, Christopher  
 Whitehead, Jeff  
 Williams, Stanley  
 Wilson, Bram  
 Wilson, Rob  
 Wisersky, Megan

Allegheny Electric Cooperative, Inc.  
 Calpine Energy Services, L.P.  
 McNees Wallace & Nurick LLC  
 UGI Energy Services, LLC  
 AEP Appalachian Transmission Company, Inc.  
 American Electric Power Company, Inc  
 Calpine Energy Services, L.P.  
 Commonwealth Chesapeake Company, LLC  
 Appalachain Power Company  
 Duquesne Light Company  
 Direct Energy Business, LLC  
 Duke Energy Ohio, Inc.  
 Duquesne Light Company  
 Dominion Virginia Power  
 ACES Energy  
 Customized Energy Solutions, Ltd.\*  
 Public Service Electric & Gas Company  
 Noble Americas Energy Solutions LLC  
 Pennsylvania Electric Company  
 Ohio Valley Electric  
 Pennsylvania Electric Company  
 Tidal Energy Marketing Inc.  
 ABB  
 Commonwealth Edison Company  
 Allegheny Electric Cooperative, Inc.  
 PSEG Energy Resources and Trade LLC  
 PJM Interconnection, LLC  
 Appalachian Power Company  
 GT Power Group  
 PJM Interconnection, LLC  
 Diamond State Generation Partners, LLC  
 Illinois Municipal Electric Agency  
 Madison Gas & Electric Co.

Electric Distributor  
 Generation Owner  
 Not Applicable  
 Other Supplier  
 Transmission Owner  
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 Electric Distributor  
 Generation Owner

Author: Nicholas DiSciullo