



As of December 17, 2021

Market Settlements Subcommittee Conference Call November 9, 2021 1:00 p.m. – 2:00 p.m. EST

Administration

PJM reviewed the Anti-Trust Policy, Code of Conduct, Public Meetings/Media Participation Policy and performed roll call. The Subcommittee approved the minutes from the October 14, 2021 MSS meeting.

Sean Flamm, PJM, provided details on a Settlement C processed in the October 2021 invoice. There were adjustments for April 2020, May 2020, and June 2020 load data that affected the DAY area.

Working Issues

1. Schedule 9 & 10 Charge Details MSRS Report Update Options

Sean Flamm, PJM, reviewed options for new Schedule 9 & 10 Charge Detail reports related to the January 2022 Schedule 9 rate changes.

2. PJM.com Billing, Settlements & Credit Survey Review and Next Steps

Sean Flamm, PJM, reviewed received results from the PJM.com Billing, Settlements & Credit section user experience survey and gave next steps for updates to the website section.

Miscellaneous Settlements Items

No Miscellaneous Settlement Items were discussed.

Informational Items / Reminders

1. Reminder of upcoming holiday submission deadline extensions for Power Meter and InSchedule

Power Meter and InSchedule tools have submission deadline extensions for the upcoming November Thanksgiving holiday. Please review <u>submission timelines</u> originally presented at the October 14 MSS meeting.

2. PJM requesting with FERC to delay Reserve Pricing Formation until October 1, 2022

Please review the below communication sent Monday, October 25, 2021 to the MC, MRC, MIC, OC, PC, RMC:





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In March 2019, PJM made a comprehensive filing to reform its market-based reserve products and Operating Reserve Demand Curves (ORDC). This filing was approved by the Federal Energy Regulatory Commission (FERC) in May 2020, but it was recently remanded back to FERC in August 2021 pursuant to a request for voluntary remand by FERC.

As PJM has made clear on numerous occasions, PJM views the proposed changes as necessary for its reserve and energy markets to properly value the reserves that are needed today and will continue to be needed in the future. Our intention has been to implement those changes on May 1, 2022.

These new market rules include the addition of two reserve products to the Day-Ahead Market and one to the Real-Time Market; consolidation of the Tier 1 and Tier 2 Synchronized Reserve products; and implementation of enhanced ORDCs, among other things, and as such require a complicated set of software changes.

However, the software development process has experienced unforeseen challenges that have resulted in the delay of key deliverables. Because the software changes are complex and require significant testing before they are implemented, the scheduled implementation date of May 1, 2022, is no longer possible. Given the risks associated with implementing such significant changes during the summer peak period, PJM will therefore file a request with FERC to delay the implementation date to Oct. 1, 2022.

At the same time, FERC has requested voluntary remand of the same order that had approved the PJM proposal. It is possible that a subsequent FERC order will alter its prior approval of some or all of the pending changes and require a subsequent compliance finding. The specific impact of the remand on this implementation is therefore difficult to predict.

PJM regrets the delay in implementing these improvements to our current reserve market rules. We believe the new rules will properly value the reserves that a system with increasing variable resources requires.

PJM is committed to evolving its markets to meet the needs of a changing resource mix, and this delay will not impact our ongoing efforts with stakeholders to address "circuit-breaker" constructs to protect consumers in times of extreme system stress.

PJM appreciates our stakeholders' continued engagement as we look to FERC for further guidance.





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Future Agenda Items

No Future Agenda items were presented.

Future Meeting Dates

December 9, 2021 1:00 p.m. – 3:00 p.m. Conference Call

Attendees via WebEx / Teleconference

Stadelmeyer, Rebecca (Chair) Flamm, Sean (Secretary)

Benchek, Jim Callen, Zac Chee, Yee Hong Chesser, Kathrina Cote, Annie Coyne, Suzanne

Coyne, Suzanne D'antonio, Phil Davis, Jim Dugan, Chuck Ejebe, Gabriel

Elkins, Rachel Fabiano, Janell Fan, Zhenyu Filomena, Guy Foladare, Ken

Ford, Adrien Garcia, Max Gilani, Rehan Graham, Sophie Grisolia, Albert

Guignet, Douglas Hays, Christina Holter, Natasha Horning, Lynn

Horst, Cheryl Hyzinski, Tom Janicki, Diane Johnson, Carl Kendall, Brandon Kingston, Amber Kogut, George

Kopchick, Matthew Luebbering, Thomas Mabry, David McComb, John Midgley, Sharon Mohler, Tina Moran, Terrence

Morrison, Beth Nguyen, Karen Packer, Joe Patel, Pooja Peoples, John Phillips, Amanda

Polka, Joseph Reekie, Chad PJM Interconnection, LLC PJM Interconnection, LLC

American Transmission Systems, Inc. Illinois Commerce Commission

MCG Energy Solutions
Power Costs Inc.
Hartigen Solutions, LLC
PJM Interconnection, LLC
PJM Interconnection, LLC

Dominion Energy Generation Marketing, Inc. East Kentucky Power Cooperative, Inc.

OATI Energy Trading
FirstEnergy Corporation
PJM Interconnection, LLC
PJM Interconnection, LLC

Customized Energy Solutions, Ltd.* Geenex Solar LLC Old Dominion Electric Cooperative Calpine Energy Services, L.P.

ConEdison Energy, Inc. Adapt2 Solutions, Inc.

Public Service Electric & Gas Company

PJM Interconnection, LLC Dominion Virginia Power PJM Interconnection, LLC Customized Energy Solutions, Ltd.*

Baltimore Gas and Electric Company

GT Power Group

Boston Energy Trading & Marketing, LLC Customized Energy Solutions, Ltd.*

AEP Appalachian Transmission Company, Inc. North Carolina Electric Membership Corporation

New York Power Authority FirstEnergy Corporation Allegheny Power (AP Load) McNees Wallace & Nurick LLC PJM Interconnection, LLC

Exelon Business Services Company, LLC

PJM Interconnection, LLC

Public Service Electric & Gas Company FirstEnergy Corporation

Calpine Energy Services, L.P. MCG Energy Solutions
Calpine Energy Services, L.P. Duquesne Light Company

Wabash Valley Power Association, Inc.

Duquesne Light Company Talen Energy Marketing, LLC None None

Transmission Owner

Transmi None None None None None

Generation Owner Transmission Owner

None

Transmission Owner

None None None Other Su

Other Supplier
Electric Distributor
Generation Owner
Other Supplier
None

Transmission Owner

None None None None

Transmission Owner

None Other Supplier

None
Transmission Owner
Electric Distributor
Other Supplier
Transmission Owner

Other Supplier None None

Transmission Owner

None

Transmission Owner Transmission Owner Generation Owner

None

Generation Owner Transmission Owner Electric Distributor Transmission Owner Generation Owner





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Rieger, Laura Sasser, Jonathan Saxe, Barbara Schultheis, Daniel Sharkazy III, William Sweeney, Rory Tangirala, Subha Taylor, Diane Treadwell, Albert Verduin, Glenn Werner, Christopher Wilson, Laura Wilson, Rob Yohpe, Elise

Author: Sean Flamm

Aces Power Marketing Inc.
Customized Energy Solutions, Ltd.*
Public Service Electric & Gas Company
Constellation Energy Services, Inc.
PPL Electric Utilities Corp. dba PPL Utilities
GT Power Group
ABB Enterprise Software Inc.
Commonwealth Edison Company
Allegheny Electric Cooperative, Inc.
Public Service Electric & Gas Company
AEP Appalachian Transmission Company, Inc.
East Kentucky Power Cooperative, Inc.
Illinois Municipal Electric Agency
Energy Authority, Inc (The)

None
None
Transmission Owner
Other Supplier
Transmission Owner
None
None
Transmission Owner
Owner
Transmission Owner
Transmission Owner
Transmission Owner
Transmission Owner
None