



Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
April 12, 2017
9:00 a.m. – 4:15 p.m. EPT

Administration

- Ms. Chantal Hendrzak, PJM, and Ms. Christina Stotesbury, PJM, provided announcements and reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines.
- 2. The committee approved the draft minutes from the March 8, 2017 Market Implementation Committee meeting by acclamation with 0 objections and 0 abstentions.
- 3. Ms. Christina Stotesbury, PJM, reviewed the active MIC issues on *Issue Tracking*

Ms. Lisa Morelli, PJM, provided a brief update on the Transient Shortage portion of FERC Order 825 that will go into effect on May 11, 2017. In the compliance filing submitted on March 1, PJM requested a later implementation date to coincide with the implementation of 5-minute settlements. PJM did not hear back by the March 31 deadline and will move forward with the May 11 implementation date as proposed in the Order. The proposed Operating Reserve Demand Curve (ORDC) changes that complement this Order are being worked through the PJM stakeholder process. The ORDC proposal will be voted at the Members Committee meeting on April 27. If the proposal passes, PJM is looking to implement changes to the ORDC around July 1, 2017, assuming FERC approval is received.

Endorsements/Approvals

- 4. Annual Revenue Requirements for new Black Start Units Phase 1
 Mr. Tom Hauske, PJM, presented the solution package for the Annual Revenue Requirements for new Black Start units. The Committee endorsed the package by acclamation with 0 objections and 8 abstentions.
- 5. Spot-in Transmission Service for Energy Imports from NYISO
 - A. Mr. Chris Pacella, PJM, reviewed the proposed solution for Package B.
 - B. Mr. John Rohrbach, ACES Power, reviewed concerns with the proposed solution to move the spot-in transmission service time from 9:00 a.m. to 10:00 a.m.

Due to concerns raised by stakeholders that the move to 10:00 a.m. would adversely impact other seams, the Committee deferred voting this item. Interested stakeholders will work to develop a more comprehensive approach to address market issues across all seams.

Issue Tracking: Spot-in Transmission Service for Energy Imports from NYISO

Working Issues

6. Opportunity Cost Calculator

Ms. Jennifer Warner-Freeman, PJM, provided a brief update to the problem statement and issue charge that was approved at the March MRC, and reviewed the timeline to work this issue over the next few months. A Special Session on this topic is being scheduled and will be posted to the MIC website.





First Readings

7. FTR/ARR Order

Mr. Brian Chmielewski, PJM, provided a first read of conforming manual revisions related to the FERC Order impacting the annual ARR/FTR process. The Committee will be asked to endorse the manual revisions at the May MIC meeting.

8. MSS – Pseudo-tied Generators and Dynamic Schedules Meter Correction Proposal

Mr. Ray Fernandez, PJM, provided a first read on the Pseudo-tied Generators and Dynamic Schedules Meter Correction proposal and governing document language that was endorsed by the Markets Settlements Subcommittee. The Committee will be asked to endorse the proposal and governing document revisions at the May MIC meeting.

9. FTR Surplus Funds - Problem Statement & Issue Charge

Mr. Jeff Whitehead, Direct Energy, provided a first read of a problem statement and issue charge that addresses Day Ahead Surplus Congestion Funds and FTR Auction Revenue Surplus Funds. The committee will be asked to approve the problem statement and issue charge at the May MIC meeting.

10. Energy Efficiency Participation in Capacity Markets - Problem Statement & Issue Charge

- A. Ms. Denise Foster, PJM, provided a first read of a problem statement and issue charge that addresses state restrictions on energy efficiency resources participating in capacity markets. The committee will be asked to approve the problem statement and issue charge at the May MIC meeting.
- B. Dr. Joe Bowring, Monitoring Analytics, provided a response.

11. Variable Operations & Maintenance Costs - Problem Statement & Issue Charge

- A. Mr. Jeff Schmitt, PJM, provided a first read of a problem statement and issue charge that addresses VOM costs as part of Fuel Cost Policies and the submission of cost-based offers. The committee will be asked to approve the problem statement and issue charge at the May MIC meeting.
- B. Mr. Joel Romero Luna, Monitoring Analytics, provided a response.

Additional Updates

12. Fuel Cost Policy FAQ's and Transition Process

- A. Mr. Jeff Schmitt, PJM, provided a status update on Fuel Cost Policies, and noted the deadline to have all policies approved by May 15.
- B. Ms. Catherine Tyler, Monitoring Analytics, provided a response.

13. Order 831: Offer Cap Update

Ms. Alpa Jani, PJM, provided an update on the Offer Cap compliance filing and reviewed the proposed timeline. Mr. Rami Dirani, PJM, presented details related to the technical implementation.

14. Winter Capacity Interconnection Rights

Mr. Jeff Bastian, PJM, provided an update on winter CIRs.





15. Manual 18 Revisions for Enhanced Aggregation Filing

Ms. Terri Esterly, PJM, presented conforming revisions to Manual 18: PJM Capacity Market, related to the Enhanced Aggregation filing (<u>Docket ER17-367</u>).

16. FTR Auction Results

Mr. Asanga Perera, PJM, provided a follow-up update on information requested on the delayed posting for the March 2017 FTR Auction results.

17. FTR Forfeiture Update

Mr. Asanga Perera, PJM, provided an update on FTR forfeitures.

18. FTR Credit Exposure from Transmission Changes

Mr. Hal Loomis, PJM, informed the Committee of an upcoming Problem Statement that will be introduced at the Credit Subcommittee and Markets and Reliability Committee to address potential exposures that have been observed in the FTR Market.

19. Black Start RFP Process

Mr. David Schweizer, PJM, reviewed plans related to the next RTO-wide Black Start RFP process.

20. **BGE RAS Retirement**

Mr. Eric Yeh, Exelon, provided an update on the BGE Remedial Action Scheme.

21. Automatic Sectionalizing Schemes

Mr. Lagy Mathew, PJM, provided an update on Automatic Sectionalizing Schemes.

22. Manual 14D: Generator Operational Requirements

Mr. Joe Mulhern, PJM, reviewed proposed changes to Manual 14D related to requirements for solar parks.

23. England & Red Bank Pricing Interfaces

Mr. Chris Callaghan, PJM, presented the England and Red Bank pricing interfaces.

24. Ramapo PAR Update

Mr. Stan Williams, PJM, provided an update on Ramapo PAR cost allocation discussions with NYISO.

25. Transmission Constraint Control Logic Paper

Mr. Angelo Marcino, PJM, provided a review on the Transmission Constraint Control Logic paper, which describes the logic used in PJM's market clearing engines to control transmission constraints and the impact of transmission constraint penalty factors on constraint shadow prices.

Informational Section

Credit Subcommittee (CS)

Meeting materials will be posted to the CS website.





Demand Response Subcommittee (DRS)

Meeting materials will be posted to the DRS web site.

Intermittent Resources Subcommittee (IRS)

Meeting materials will be posted to the IRS web site.

Inter-Regional Coordination Activity

Mr. Stan Williams, PJM, was available to answer questions on Inter-Regional Coordination efforts. Materials are posted as informational only.

Manual 03 – Transmission Operations Review

Ms. Nicole Scott, PJM, was available to answer questions related to Manual 03, version 51 revisions. Materials are posted as informational only.

Market Settlements Subcommittee (MSS)

Meeting materials are posted to the MSS web site.

Report on Market Operations

The Report on Market Operations will be reviewed during the MC Webinar.

Future Meeting Dates

| May 3, 2017 | 9:00 a.m. | PJM Interconnection – Conference & Training Center |
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| June 7, 2017 | 9:00 a.m. | PJM Interconnection – Conference & Training Center |
| July 12, 2017 | 9:00 a.m. | PJM Interconnection – Conference & Training Center |
| August 9, 2017 | 9:00 a.m. | PJM Interconnection – Conference & Training Center |
| September 13, 2017 | 9:00 a.m. | PJM Interconnection – Conference & Training Center |
| October 11, 2017 | 9:00 a.m. | PJM Interconnection – Conference & Training Center |
| November 8, 2017 | 9:00 a.m. | PJM Interconnection – Conference & Training Center |
| December 13, 2017 | 9:00 a.m. | PJM Interconnection – Conference & Training Center |

Members in Attendance

| Hendrzak, Chantal (Chair) | PJM Interconnection, LLC | Not Applicable |
|-----------------------------------|---------------------------------------|--------------------|
| Stotesbury, Christina (Secretary) | PJM Interconnection, LLC | Not Applicable |
| Barker, Jason | Exelon Business Services Company, LLC | Transmission Owner |
| Bleiweis, Bruce | DC Energy LLC | Other Supplier |
| Bolan, Martin | FirstEnergy Solutions Corp. | Transmission Owner |
| Brodbeck, John | EDP Renewables North America, LLC | Other Supplier |
| Cox, Jason | Dynegy Power Marketing, Inc. | Generation Owner |
| Filomena, Guy | Customized Energy Solutions, Ltd.* | Not Applicable |
| Fitch, Neal | NRG Power Marketing LLC | Generation Owner |
| Fuess, James | PBF Power Marketing LLC | Generation Owner |
| Greiner, Gary | PSEG Energy Resources and Trade LLC | Other Supplier |
| Guerry, Katie | EnerNOC, Inc. | Other Supplier |
| Horstmann, John | Dayton Power & Light Company (The) | Transmission Owner |
| Hudis, Gabriella | Jersey Green Energy LLC | Other Supplier |
| Hyzinski, Tom | Talen Energy Marketing, LLC | Generation Owner |
| Jardot, Gina | Essential Power Rock Springs, LLC | Transmission Owner |
| Johnson, Carl | Customized Energy Solutions, Ltd.* | Not Applicable |





Kauffman, Brian Kogut, George Lieberman, Steven Midgley, Sharon Pakela, Greg Powers, Sean Rohrbach, John Sasser, Jonathan Scarpignato, David Suh, Jung Trayers, Barry Vayda, Brian Wadsworth, Joseph Whitehead, Jeffrey NRG Curtailment Solutions
New York Power Authority
American Municipal Power, Inc.
Exelon Business Services Company, LLC
DTE Energy Trading, Inc.
Linde Energy Services, Inc.
Southern Maryland Electric Cooperative

Southern Maryland Electric Cooperative Customized Energy Solutions, Ltd.* Calpine Energy Services, L.P. Noble Americas Energy Solutions LLC Citigroup Energy, Inc.

American PowerNet Management, L.P. Vitol Inc.

Direct Energy Business Marketing, LLC

Rockland Electric Company

PJM Interconnection, LLC

Other Supplier
Other Supplier
Electric Distributor
Transmission Owner
Other Supplier
End User Customer
Electric Distributor
Not Applicable
Generation Owner
Other Supplier
Other Supplier
End User Customer
Other Supplier
End User Customer
Other Supplier
Transmission Owner

Also in Attendance

Yu, Joel

Bastian, Jeff Benner, Scott Bowring, Joe Bowring, Joseph Bryson, Mike Callaghan, Chris Chmielewski, Brian Ciabattoni, Joe Dantonio, Phil Dirani, Rami Drauschak, Lisa Driscoll, Mary Ellen Esterly, Terri Fernandez, Ray Foladare, Kenneth Foster, Denise Genuraio, Gabrella Griffiths, Dan Haas, Howard Hagaman, Derek Hauske, Thomas Havik, Seth Holland, Risa Holter, Natasha Jani, Alpa Loomis, Harold Lowe, Connie Luna, Joel Mabry, David Marcino, Angelo Mathew, Lagy

Mooney, Catherine

O'Connell, Robert

Morell, Lisa

Mulhern, Joe

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Not Applicable End Use Customer Not Applicable Not Applicable





Not Applicable

| Pacella, Chris | PJM Interconnection, LLC | Not Applicable |
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| Perera, Asanga | PJM Interconnection, LLC | Not Applicable |
| Poulos, Gregg | Consumer Advocates of PJM States | Not Applicable |
| Pratzon, David | GT Power Group | Not Applicable |
| Schmitt, Jeff | PJM Interconnection, LLC | Not Applicable |
| Schweizer, David | PJM Interconnection, LLC | Not Applicable |
| Scott, Nicole | PJM Interconnection, LLC | Not Applicable |
| Shparber, Steven | PJM Interconnection, LLC | Not Applicable |
| Smith, Melissa | PJM Interconnection, LLC | Not Applicable |
| Souder, Rich | PJM Interconnection, LLC | Not Applicable |
| Stadelmeyer, Rebecca | PJM Interconnection, LLC | Not Applicable |
| Sweeney, Rory | RTO Insider | Not Applicable |
| Tyler, Catherine | Monitoring Analytics, LLC | Not Applicable |
| Walter, Laura | PJM Interconnection, LLC | Not Applicable |
| Warner-Freeman, Jennifer | PJM Interconnection, LLC | Not Applicable |
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PJM Interconnection, LLC

Attended via WebEx / Teleconference

Williams, Stanley

| Austin, Larry PJM Interconnection, LLC Not Applicable Baker, Scott PJM Interconnection, LLC Not Applicable Benchek, Jim FirstEnergy Solutions, LLC Not Applicable PJM Interconnection, LLC Not Applicable Bitt, Debbie North Carolina Electric Membership Corporation Electric Distributor Bruno, Pat PJM Interconnection, LLC Not Applicable Budney, Dave PJM Interconnection, LLC Not Applicable Budney, Dave PJM Interconnection, LLC Not Applicable North Carolina Electric Membership Corporation PJM Interconnection, LLC Not Applicable North | Atkins, Blain | Duke Energy Business Services LLC | Transmission |
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| Dhuri, BhushanPJM Interconnection, LLCNot ApplicableDickson, DouglasNew Jersey Board of Public UtilitiesNot ApplicableDiNicola, LauraFirstEnergy Solutions CorpTransmission OwnerDomian, ChristinMitsubishi Electric Power Products Inc.Not ApplicableDugan, ChuckEast Kentucky Power Cooperative, Inc.Transmission OwnerEngelby, BenAces Power MarketingNot ApplicableFalin, TomPJM Interconnection, LLCNot ApplicableFan, ZhenyuPJM Interconnection, LLCNot ApplicableFarber, JohnDE Public Service CommissionNot ApplicableFitzpatrick, BrianPJM Interconnection, LLCNot ApplicableGebolys, DebbiePublic Utilities Commission of Ohio (The)Not ApplicableGouda, JohnOld Dominion Electric CooperativeElectric DistributorGreening, MichelePPL Electric Utilities Corp. dba PPL UtilitiesTransmission OwnerHalay, AlinaFederal Energy Regulatory CommissionNot Applicable | • | | |
| Dickson, DouglasNew Jersey Board of Public UtilitiesNot ApplicableDiNicola, LauraFirstEnergy Solutions CorpTransmission OwnerDomian, ChristinMitsubishi Electric Power Products Inc.Not ApplicableDugan, ChuckEast Kentucky Power Cooperative, Inc.Transmission OwnerEngelby, BenAces Power MarketingNot ApplicableFalin, TomPJM Interconnection, LLCNot ApplicableFan, ZhenyuPJM Interconnection, LLCNot ApplicableFarber, JohnDE Public Service CommissionNot ApplicableFitzpatrick, BrianPJM Interconnection, LLCNot ApplicableGebolys, DebbiePublic Utilities Commission of Ohio (The)Not ApplicableGouda, JohnOld Dominion Electric CooperativeElectric DistributorGreening, MichelePPL Electric Utilities Corp. dba PPL UtilitiesTransmission OwnerHalay, AlinaFederal Energy Regulatory CommissionNot Applicable | • | | |
| DiNicola, Laura Domian, Christin Dugan, Chuck East Kentucky Power Cooperative, Inc. Engelby, Ben Falin, Tom FirstEnergy Solutions Corp Aces Power Marketing Falin, Tom Falin, Tom PJM Interconnection, LLC Farber, John DE Public Service Commission Not Applicable Fitzpatrick, Brian Gebolys, Debbie Gouda, John Greening, Michele Halay, Alina FirstEnergy Solutions Corp Transmission Owner Not Applicable Flectric Cooperative Electric Distributor Transmission Owner Not Applicable Fooda, John Old Dominion Electric Cooperative Halay, Alina Federal Energy Regulatory Commission Not Applicable | | New Jersey Board of Public Utilities | |
| Dugan, ChuckEast Kentucky Power Cooperative, Inc.Transmission OwnerEngelby, BenAces Power MarketingNot ApplicableFalin, TomPJM Interconnection, LLCNot ApplicableFan, ZhenyuPJM Interconnection, LLCNot ApplicableFarber, JohnDE Public Service CommissionNot ApplicableFitzpatrick, BrianPJM Interconnection, LLCNot ApplicableGebolys, DebbiePublic Utilities Commission of Ohio (The)Not ApplicableGouda, JohnOld Dominion Electric CooperativeElectric DistributorGreening, MichelePPL Electric Utilities Corp. dba PPL UtilitiesTransmission OwnerHalay, AlinaFederal Energy Regulatory CommissionNot Applicable | | | Transmission Owner |
| Engelby, Ben Aces Power Marketing Not Applicable Falin, Tom PJM Interconnection, LLC Not Applicable Fan, Zhenyu PJM Interconnection, LLC Not Applicable Farber, John DE Public Service Commission Not Applicable Fitzpatrick, Brian PJM Interconnection, LLC Not Applicable Gebolys, Debbie Public Utilities Commission of Ohio (The) Not Applicable Gouda, John Old Dominion Electric Cooperative Electric Distributor Greening, Michele PPL Electric Utilities Corp. dba PPL Utilities Halay, Alina Federal Energy Regulatory Commission Not Applicable | Domian, Christin | Mitsubishi Electric Power Products Inc. | Not Applicable |
| Engelby, Ben Aces Power Marketing Not Applicable Falin, Tom PJM Interconnection, LLC Not Applicable Fan, Zhenyu PJM Interconnection, LLC Not Applicable Farber, John DE Public Service Commission Not Applicable Fitzpatrick, Brian PJM Interconnection, LLC Not Applicable Gebolys, Debbie Public Utilities Commission of Ohio (The) Not Applicable Gouda, John Old Dominion Electric Cooperative Electric Distributor Greening, Michele PPL Electric Utilities Corp. dba PPL Utilities Halay, Alina Federal Energy Regulatory Commission Not Applicable | Dugan, Chuck | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Falin, TomPJM Interconnection, LLCNot ApplicableFan, ZhenyuPJM Interconnection, LLCNot ApplicableFarber, JohnDE Public Service CommissionNot ApplicableFitzpatrick, BrianPJM Interconnection, LLCNot ApplicableGebolys, DebbiePublic Utilities Commission of Ohio (The)Not ApplicableGouda, JohnOld Dominion Electric CooperativeElectric DistributorGreening, MichelePPL Electric Utilities Corp. dba PPL UtilitiesTransmission OwnerHalay, AlinaFederal Energy Regulatory CommissionNot Applicable | Engelby, Ben | | Not Applicable |
| Farber, John DE Public Service Commission Not Applicable Fitzpatrick, Brian Gebolys, Debbie Public Utilities Commission of Ohio (The) Not Applicable Public Utilities Commission of Ohio (The) Gouda, John Old Dominion Electric Cooperative Greening, Michele Halay, Alina Federal Energy Regulatory Commission Not Applicable Not Applicable | | PJM Interconnection, LLC | |
| Fitzpatrick, Brian PJM Interconnection, LLC Not Applicable Gebolys, Debbie Public Utilities Commission of Ohio (The) Not Applicable Gouda, John Old Dominion Electric Cooperative Electric Distributor Greening, Michele PPL Electric Utilities Corp. dba PPL Utilities Transmission Owner Halay, Alina Federal Energy Regulatory Commission Not Applicable | Fan, Zhenyu | PJM Interconnection, LLC | Not Applicable |
| Gebolys, DebbiePublic Utilities Commission of Ohio (The)Not ApplicableGouda, JohnOld Dominion Electric CooperativeElectric DistributorGreening, MichelePPL Electric Utilities Corp. dba PPL UtilitiesTransmission OwnerHalay, AlinaFederal Energy Regulatory CommissionNot Applicable | Farber, John | DE Public Service Commission | Not Applicable |
| Gouda, John Old Dominion Electric Cooperative Electric Distributor Greening, Michele PPL Electric Utilities Corp. dba PPL Utilities Transmission Owner Halay, Alina Federal Energy Regulatory Commission Not Applicable | Fitzpatrick, Brian | PJM Interconnection, LLC | Not Applicable |
| Greening, Michele PPL Electric Utilities Corp. dba PPL Utilities Transmission Owner Halay, Alina Federal Energy Regulatory Commission Not Applicable | Gebolys, Debbie | Public Utilities Commission of Ohio (The) | Not Applicable |
| Halay, Alina Federal Energy Regulatory Commission Not Applicable | Gouda, John | Old Dominion Electric Cooperative | Electric Distributor |
| | Greening, Michele | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| | Halay, Alina | Federal Energy Regulatory Commission | Not Applicable |
| | Hamilton, Brian | Public Power & Utility of New Jersey, LLC | Not Applicable |





Hanser, Erik Hastings, David Hoatson, Tom Hohenshilt, Jennifer Horton, Dana

Hsia, Eric
Hugee, Jacqulynn
Hurwich, Mark
Hyatt, John
Janicki, Diane
Jett, William
Jha, Monica
Johnson, Carl

Jones, Ryan Kaczanowski, Marek

Johnston, Dave

Kelly, Kyo
Kilgallen, Kevin
Kim, Caleb
Kimmel, David
Kormos, Michael
Kraemer, Neil
Kuhn, Tyler
Lange, Nathan
LaRocque, Matthew
Larry, Steven

LaRocque, Matthew Larry, Steven Leasure, Jill Lejcar, Jamie Liang-Nicol, Cecilia Libbos, Robin Logan, Sharon Lukach, Jaclynn Mariam, Yohannes Markiewicz, Cynthia Martin, Valerie

Marton, David McLaughlin, Jeffrey Metzler, Jakob Miller, John Olaleye, Michael Olenick, Cory

Ondayko, Brock O'Neill, Jack Patel, Keyurbhai Peoples, John Picarelli, David Pilong, Chris Price, Ruth Prokop, Brenda Rajan, Abhijit Ramsey, James

Renda, Michael

Riehl, John

Michigan Public Service Commission

DHastCo

West Deptford Energy II, LLC Talen Energy Marketing, LLC Appalachian Power Company PJM Interconnection, LLC PJM Interconnection, LLC Elliott Bay Energy Trading, LLC Monitoring Analytics, LLC

Boston Energy Trading & Marketing, LLC Duke Energy Business Services LLC PCI

Customized Energy Solutions, Ltd.*

Indiana Utility Regulatory Commission

Allegheny Electric Cooperative, Inc.

Baltimore Gas and Electric Company

Tra
Southern Company Services as agent for Southern Power Company

Avangrid Renewables, LLC

Baltimore Gas and Electric Company

PJM Interconnection, LLC Exelon Generation Co., LLC XO Energy MA, L.P. DC Energy, LLC

VECO Power Trading, LLC PJM Interconnection, LLC Tenaska Power Services Co.

Keystone Projects

Customized Energy Solutions, Ltd.*

Monongahela Power Company d/b/a Allegheny Power

FirstEnergy Solutions Corp.

The Federal Energy Regulatory Commission

PJM Interconnection, LLC

Office of the Peoples Counsel for the District of Columbia

FirstEnergy Solutions Corp.

Federal Energy Regulatory Commission

FirstEnergy Solutions Corp. PJM Interconnection, LLC

Castleton Commodities Merchant Trading L.P.

Commonwealth Edison Company
PJM Interconnection, LLC
West Oaks Energy, LP
Appalachain Power Company
PJM Interconnection, LLC
PJM Interconnection, LLC
Duquesne Light Company
PJM Interconnection, LLC
PJM Interconnection, LLC

Delaware Public Service Commission ITC Mid-Atlantic Development LLC

Dominion Resources Suffolk Fund LLC VECO Power Trading, LLC

Federal Energy Regulatory Commission

Not Applicable

No

Generation Owner Generation Owner Transmission Owner

Transmission Owner
Not Applicable
Not Applicable
Other Supplier
Not Applicable
Generation Owner
Generation Owner

Not Applicable
Not Applicable
Not Applicable
Selectric Disbributor
Transmission Owner
Spany
Other Supplier

any Other Supplice Generation Owner Transmission Owner Not Applicable Generation Owner Other Supplier Other Supplier Other Supplier Not Applicable Generation Owner Not Applicable

Not Applicable
Transmission Owner
Transmission Owner
Not Applicable
Not Applicable
End User Customer
Transmission Owner
Not Applicable

Transmission Owner
Not Applicable
Other Supplier
Transmission Owner
Not Applicable
Other Supplier
Transmission Owner
Not Applicable

Transmission Owner Not Applicable Not Applicable Not Applicable Other Supplier Not Applicable Other Supplier Other Supplier Not Applicable

Not Applicable





Robins, Pip Rothey, Kristin Rutigliano, Tom Schneider, Jon Schuyler, Ken Scoglietti, Barbara Seelaus, Tim Sitarchyk, Mike Strella, Lauren Tangirala, Subha Thomson, Heather Tsao, Stephanie Ward, Michael Weiss, Glenn Wilhite, Chad Williams, Amber Wilmoth, Emily Wood, Gordon Wood, Gordon Xenopoulos, Damon Yeh. Eric

EMC Development Company, Inc. American Municipal Power, Inc. Achieving Equilibrium LLC FirstEnergy Solutions Corp. PJM Interconnection, LLC Tangent Energy Solutions, Inc. EMC Development Company, Inc. PJM Interconnection, LLC

PJM Interconnection, LLC

ABB

Mid-Atlantic Renewable Energy

SPGlobal

PJM Interconnection, LLC PJM Interconnection, LLC FirstEnergy Solutions Corp.

New York State Electric & Gas Corporation

Dominion Virginia Power ETC Endure Energy L.L.C. ETC Endure Energy L.L.C.

Stone Mattheis Xenopoulos & Brew, PC Baltimore Gas and Electric Company

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

Not Applicable Other Supplier Other Supplier Not Applicable

Transmission Owner

Author: Christina Stotesbury

Facilitator Feedback Form: http://www.pim.com/committees-and-groups/committees/form-facilitator-feedback.aspx

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