

Special Session of the Market Implementation Committee: Variable Operations & Maintenance (VOM)
PJM Conference & Training Center, Audubon, PA
July 25, 2017
1:00 p.m. – 3:30 p.m. EPT

Administration

1. Mr. Jeff Schmitt, PJM, provided announcements and Ms. Christina Stotesbury, PJM, reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines.

Education & Discussion

2. VOM Education Continued

- A. Mr. Tom Hauske, PJM, provided follow-up education on Variable Operations and Maintenance costs that was requested at the special session meeting on June 28.
- B. Ms. Melissa Pilong, PJM, reviewed a numerical example for the VOM template.
- C. Mr. Joel Luna, Monitoring Analytics, reviewed the history of the VOM – Manual 15 change.

3. Matrix Development

- A. Mr. Jeff Schmitt, PJM, led the discussion to identify interests, build design components and propose solution options for consideration.
- B. Mr. Joel Luna, Monitoring Analytics, reviewed proposed design components and solution options on behalf of the Market Monitor.

4. Q & A and Future Requests

Mr. Jeff Schmitt, PJM, answered questions, and stakeholders had an opportunity to request additional discussion items for the August 31 meeting.

Future Meeting Dates

August 31, 2017	1:00 p.m. – 4:00 p.m.	PJM Conference & Training Center/ WebEx
September 20, 2017	1:00 p.m. – 4:00 p.m.	PJM Conference & Training Center/ WebEx

In Attendance (In-person)

Schmitt, Jeffrey (Chair)	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina (Secretary)	PJM Interconnection, LLC	Not Applicable
Benchek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Borgatti, Michael	Gabel and Associates	Not Applicable
Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
Crystle, Gilbert	UGI Development Company	Transmission Owner
Dillon, Matthew	UGI Development Company	Generation Owner
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Foladare, Kenneth	Tangibl	Not Applicable
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Hendrzak, Chantal	PJM Interconnection, LLC	Not Applicable

Hyzinski, Tom	GT Power Group	Not Applicable
Johnson, Carl	Customized Energy Solution, Ltd*	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Luna, Joel	Monitoring Analytics	Not Applicable
O'Connell, Robert	PPGI Fund A/B Development, LLC	Generation Owner
Pilong, Melissa	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Tyler, Catherine	Monitoring Analytics	Not Applicable
Walter, Laura	PJM Interconnection, LLC	Not Applicable
Warner-Freeman, Jennifer	PJM Interconnection, LLC	Not Applicable
Whitehead, Jeffrey	Direct Energy Business Marketing, LLC	Other Supplier

In Attendance (WebEx/Teleconference)

Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Anders, David	PJM Interconnection, LLC	Not Applicable
Aquino, Chris	PJM Interconnection, LLC	Not Applicable
Arizpe, Rizzo	Ontelaunee Power Operating Company, LLC	Generation Owner
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Britt, Debbie	North Carolina Electric Membership Corporation	Electric Distributor
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Carmean, Gregory	Organization of PJM States	Not Applicable
Celestine, Kizi	Appalachian Power Company	Transmission Owner
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Coleman, Robert	BP Energy Company	Other Supplier
Cox, Edward P.	Appalachian Power Company	Transmission Owner
Currier, Jeff (ES)	Dominion Virginia Power	Not Applicable
Davis, James	Dominion Energy Marketing, Inc.	Generation Owner
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Dessender, Harry	Customized Energy Solutions, Ltd.	Not Applicable
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Domian, Christin	Mitsubishi Electric Power Products Inc.	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Farber, John	DE Public Service Commission	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fitch, Neal	NRG Power Marketing, LLC	Generation Owner
Fitzgerald, Evan	North Carolina Electric Membership Corporation	Electric Distributor
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fort, Jim	The Energy Authority	Other Supplier
Gahimer, Mike	IN Office of Utility Consumer Counselor	End User Customer

Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Genuario, Gabby	PJM Interconnection, LLC	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Ginter, John	East Kentucky Power Cooperative, Inc.	Transmission Owner
Glazer, Craig	PJM Interconnection, LLC	Not Applicable
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Helms, Joseph	Rainbow Energy Marketing Corporation	Other Supplier
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Horton, Dana	Appalachian Power Company	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hudis, Gabriella	Gabel and Associates	Not Applicable
Hugee, Jacquelyn	PJM Interconnection, LLC	Not Applicable
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Jha, Monica	PCI	Not Applicable
Josyula, Siva	Monitoring Analytics, LLC	Not Applicable
Kazerooni, Hamid	Talen Energy Marketing, LLC	Generation Owner
Keech, Jason	PJM Interconnection, LLC	Not Applicable
Keeney, Jerry	Dynegy Marketing & Trade, LLC	Generation Owner
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kilgallen, Kevin	Avangrid Renewables LLC	Generation Owner
Leasure, Jill	Keystone Projects	Not Applicable
Lejcar, Jamie	CCS Energy	Electric Distributor
Leopold, Chris	Appalachian Power Company	Transmission Owner
Liang-Nicol, Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Libbos, Robin	FirstEnergy Solutions Corp.	Transmission Owner
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
Liu McKenna, Phyllis	Public Service Electric & Gas Company	Transmission Owner
Long, Matt	AEP Energy Partners, Inc.	Other Supplier
Lowe, Connie	Dominion Virginia Power	Not Applicable
Ma, Alex	Invenergy, LLC	Generation Owner
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Mariam, Yohannes	Office of the Peoples Counsel - District of Columbia	End User Customer
Markiewicz, Cindy	FirstEnergy Solutions Corp.	Transmission Owner
Marton, David	FirstEnergy Solutions Corp.	Transmission Owner
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Norton, Chris	American Municipal Power, Inc.	Electric Distributor

Ondayko, Brock	Appalachian Power Company	Transmission Owner
Patel, Keyurbhai	PJM Interconnection, LLC	Not Applicable
Patten, Kevin	Appalachain Power Company	Transmission Owner
Peoples, John	Duquesne Light Company	Transmission Owner
Philips, Marji	Direct Energy Business Marketing, LLC	Other Supplier
Picardi, Matt	Shell Energy North America (US), LP	Other Supplier
Pilong, Chris	PJM Interconnection, LLC	Not Applicable
Price, Ruth	Division of the Public Advocate of the State of DE	End User Customer
Rajan, Abhijit (ES)	Dominion Resources	Not Applicable
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Rothey, Kristin	American Municipal Power, Inc.	Electric Distributor
Rushing, Nathan	CPV Maryland, LLC	Generation Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schmatz, Peter	PSEG Energy Resources and Trade LLC	Transmission Owner
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Shannon, Gary	Appalachian Power Company	Transmission Owner
Sherwood, Julie	Appalachian Power Company	Transmission Owner
Singer, Chad	Fellon McCord	Not Applicable
Suh, Jung	Noble Americas Energy Solutions LLC	Other Supplier
Sweeney, Rory	RTO Insider	Not Applicable
Tatum, Edward	American Municipal Power	Electric Distributor
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Wilkie, Brian	Consolidated Edison Solutions, Inc	Other Supplier
Williams, Amber	New York State Electric & Gas Corporation	Other Supplier
Wilmoth, Emily (ES)	Dominion Virginia Power	Not Applicable
Yu, Joel	Rockland Electric Company	Transmission Owner
Zadlo, Thomas	PJM Interconnection, LLC	Not Applicable

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