

Distributed Energy Resources Subcommittee
PJM Conference and Training Center
July 30, 2018
9:00 a.m. – 3:00 p.m. EDT

Distributed Energy Resource (DER) is a generation or electric energy storage resource connected at distribution voltages and/or connected behind a load meter.

Administration

1. Mr. Baker called the meeting to order, reviewed the agenda and asked for amendments to the agenda.
2. Mr. Gledhill reviewed meeting participation guidelines and the minutes from the June 29th meeting of the Distributed Energy Resources Subcommittee. In-room attendance was taken and teleconference attendance was taken offline from the list of WebEx attendees. Mr. Gledhill reviewed information on the DERS Roster and Distribution List.
3. Mr. Baker reviewed the DERS work plan.

Non-Wholesale DER Observability

Mr. Scott Baker, PJM, reviewed final draft manual language associated with the proposal to gain greater observability of non-wholesale DER / behind-the-meter-generation (BtMG) resources. Stakeholders offered some final suggestions to the proposed language. PJM agreed to repost with any changes and hold the electronic vote between meetings.

Wholesale DER Market Rules

4. Mr. Scott Benner, PJM, provided education on the status quo for Synchronized Reserve event performance for generation resources.
5. Mr. Andrew Levitt, PJM, described solutions options associated how to measure and verify DER Ancillary Service performance
6. Stakeholders reviewed draft design components and solution options associated with wholesale DER Ancillary Services market participation in the solutions matrix.

DER Interconnection

7. Ms. Susan McGill, PJM, provided education on the interconnection process for wholesale DER in PJM and follow-up clarification on state Net Energy Metered resources and their ineligibility for the PJM non-queue process. These topics will continue to be discussed at future meetings.

Wrap-up: Action items and future agenda

8. Mr. Baker reviewed action items and discussed the agenda for the next meeting.

Future Meeting Dates

August 27, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
October 4, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
October 31, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
November 30, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx

Attendance

Attendees	Company	Sector
Scott Baker (Facilitator)	PJM Interconnection, LLC	Not Applicable
Andrew Gledhill (Secretary)	PJM Interconnection, LLC	Not Applicable
Drew Adams	A.F. Mensah, Inc.	Other Supplier
Tom Rutigliano	Achieving Equilibrium LLC	Other Supplier
Ryan Dolan	American Municipal Power, Inc.	Electric Distributor
Chris Norton	American Municipal Power, Inc.	Electric Distributor
Kristin Rothey	American Municipal Power, Inc.	Electric Distributor
Brock Ondayko	Appalachain Power Company	Transmission Owner
David Canter	Appalachian Power Company	Transmission Owner
Evan Wilcox	Appalachian Power Company	Transmission Owner
Eric James	Appalachian Power Company	Transmission Owner
William Allen	Commonwealth Edison Company	Transmission Owner
Katie Fuller	Community Energy, Inc.	Other Supplier
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier
Carl Johnson	Customized Energy Solutions, Ltd.*	Not Applicable
Jonathan Sasser	Customized Energy Solutions, Ltd.*	Not Applicable
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
Joseph DeLosa	DE Public Service Commission	Not Applicable
James Davis	Dominion Energy Marketing, Inc.	Generation Owner
Ryen Lawson	Dominion Virginia Power	Not Applicable
Connie Lowe	Dominion Virginia Power	Not Applicable
William Jett	Duke Energy Business Services LLC	Generation Owner
John Sturgeon	Duke Energy Carolinas, LLC	Other Supplier
Nancy Connelly	Duke Energy Ohio, Inc.	Transmission Owner
Alex Rosenblatt	Duquesne Light Company	Transmission Owner
Malcolm Ainspan	Energy Curtailment Specialists, Inc.	Other Supplier
Brian Kauffman	EnerNOC, Inc.	Other Supplier
Chris Behr	Evergreen Community Power	Generation Owner
Martin Bolan	FirstEnergy Solutions Corp.	Transmission Owner
Justin Price	FirstEnergy Solutions Corp.	Transmission Owner
Anne Rericha	FirstEnergy Solutions Corp.	Transmission Owner
Jon Schneider	FirstEnergy Solutions Corp.	Transmission Owner
Jason Smalley	FirstEnergy Solutions Corp.	Transmission Owner
Ed Stein	FirstEnergy Solutions Corp.	Transmission Owner

Tom Hyzinski	GT Power Group	Not Applicable
David Pratzon	GT Power Group	Not Applicable
John Webster	Icetec.com, Inc.	Other Supplier
Mike Gahimer	IN Office of Utility Consumer Counselor	End User Customer
Sean Powers	Linde Energy Services, Inc.	End User Customer
David Hastings	Market Interconnection LLC	Not Applicable
David Mabry	McNees Wallace & Nurick LLC	Not Applicable
Thomas Weeks	Michigan Public Power Agency	Generation Owner
Skyler Marzewski	Monitoring Analytics, LLC	Not Applicable
Ginny Kreidler	National Audobon	Not Applicable
George Kogut	New York Power Authority	Other Supplier
David Brown	NJ Board of Public Utilities	Not Applicable
Bob Beadle	North Carolina Electric Membership Corporation	Electric Distributor
Neal Fitch	NRG Power Marketing LLC	Generation Owner
Yohannes Mariam	Office of the Peoples Counsel for the District of Columbia	End User Customer
Adrien Ford	Old Dominion Electric Cooperative	Electric Distributor
Scott Benner	PJM Interconnection, LLC	Not Applicable
Murty Bhavaraju	PJM Interconnection, LLC	Not Applicable
Joe Ciabattoni	PJM Interconnection, LLC	Not Applicable
Becky Davis	PJM Interconnection, LLC	Not Applicable
Michael Del Viscio	PJM Interconnection, LLC	Not Applicable
Mary Ellen Driscoll	PJM Interconnection, LLC	Not Applicable
Eric Endress	PJM Interconnection, LLC	Not Applicable
Suzanne Glatz	PJM Interconnection, LLC	Not Applicable
Rebecca Hilderbrand	PJM Interconnection, LLC	Not Applicable
Bill Khashfe	PJM Interconnection, LLC	Not Applicable
Matthew LaRocque	PJM Interconnection, LLC	Not Applicable
Andrew Levitt	PJM Interconnection, LLC	Not Applicable
Glenn Long	PJM Interconnection, LLC	Not Applicable
Susan McGill	PJM Interconnection, LLC	Not Applicable
Joseph Mulhern	PJM Interconnection, LLC	Not Applicable
Masha Nyemko	PJM Interconnection, LLC	Not Applicable
Keyur Patel	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
Elizabeth Trinkle	PJM Interconnection, LLC	Not Applicable
Cheryl Mae Velasco	PJM Interconnection, LLC	Not Applicable
Laura Walter	PJM Interconnection, LLC	Not Applicable
John Feller	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Chip Richardson	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
James Rouland	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
David Ellis	Public Service Electric & Gas Company	Transmission Owner



Draft Minutes

Garan Gunn
Jim Sherman
Tom Hoatson
Betty Watson
George Beam
Kenneth Foladare
Ibrahima Kalle
Imelda Foley
Chad Dixon
Sam Wolfe

Public Service Electric & Gas Company
Public Service Electric & Gas Company
Riverside Generating, LLC
SolarCity
Talen Energy Marketing, LLC
Tangibl
Tibiri Energies
University of Delaware
Viridity Energy, Inc.
Viridity Energy, Inc.

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

Author: Andrew Gledhill

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