

**Distributed Energy Resources Subcommittee
PJM Conference and Training Center
November 30, 2018
9:00 a.m. – 12:00 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 November 15th meeting of the Distributed Energy Resources Subcommittee. In-room attendance was taken and teleconference attendance was taken offline from the list of WebEx attendees.
3. Mr. Baker reviewed the DERS work plan.

Wholesale DER Interconnection

4. PJM staff presented a follow-up statement regarding the applicability of physical interconnection requirements for wholesale DER.
5. Mr. Baker reviewed changes to the solutions matrix made since the October 31 meeting. Stakeholders provided additional solution options.

Wholesale DER Market Rules

6. Pete Langbein, PJM, reviewed a second draft of tariff and manual language that is intended to clarify existing market participation rules for DER located behind a load meter participating as both demand response and generation. Stakeholders provided additional suggestions to be incorporated in advance of review at the Markets and Reliability Committee. **The Distributed Energy Resources Subcommittee voted by acclamation to endorse the tariff and manual language changes. There were no objections or abstentions.** The proposal will be reviewed for a first read at the MRC on December 6, 2018.

Wrap-up – Action items, future agenda items, and reminders

7. Mr. Baker closed the meeting by reviewing action items and previewing topics for the next meeting.

Future Meeting Dates

January 14, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
February 4, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
March 4, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
April 15, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
May 20, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
June 10, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx

July 15, 2019
 August 14, 2019
 September 9, 2019
 October 7, 2019
 November 18, 2019
 December 16, 2019

9:00 a.m. – 3:00 p.m.
 9:00 a.m. – 3:00 p.m.
 9:00 a.m. – 3:00 p.m.
 9:00 a.m. – 3:00 p.m.
 9:00 a.m. – 3:00 p.m.
 9:00 a.m. – 3:00 p.m.

PJM Conference & Training Center/ WebEx
 PJM Conference & Training Center/ WebEx
 PJM Conference & Training Center/ WebEx
 PJM Conference & Training Center/ WebEx
 PJM Conference & Training Center/ WebEx
 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
Kelly Scallon	Alevo	Not Applicable
Jim Benchek	American Transmission Systems, Inc.	Transmission Owner
Brock Ondayko	Appalachain Power Company	Transmission Owner
Terry Gates	Appalachian Power Company	Transmission Owner
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
David Scarpignato	Calpine Energy Services, L.P.	Generation Owner
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier
Guy Filomena	Customized Energy Solutions, Ltd.	Not Applicable
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
Bram Wilson	Diamond State Generation Partners, LLC	Generation Owner
Jim Davis	Dominion Energy Marketing, Inc.	Generation Owner
Corey Stancombe	Duke Energy Kentucky, Inc.	Transmission Owner
Nancy Connelly	Duke Energy Ohio, Inc.	Transmission Owner
Bryan Garnett	Duke Energy Ohio, Inc.	Transmission Owner
Janessa Kent	Duquesne Light Company	Transmission Owner
John Peoples	Duquesne Light Company	Transmission Owner
Chuck Dugan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Greg Haynes	Energy Authority, Inc. (The)	Other Supplier
Bruce Campbell	EnergyConnect, Inc.	Other Supplier
Brian Kauffman	EnerNOC, Inc.	Other Supplier
Sharon Midgley	Exelon Business Services Company, LLC	Transmission Owner
Chad Singer	Fellon McCord	Not Applicable
Lou D'Alessandris	FirstEnergy Solutions Corp.	Transmission Owner
Justin Price	FirstEnergy Solutions Corp.	Transmission Owner
Ed Stein	FirstEnergy Solutions Corp.	Transmission Owner
Sean Baur	GlidePath Development LLC	Not Applicable
Tom Hyzinski	GT Power Group	Not Applicable
David Pratzon	GT Power Group	Not Applicable
John Webster	Icetec.com, Inc.	Other Supplier
Lynn Horning	LMH Energy	Not Applicable
Megan Wisersky	Madison Gas & Electric Company	Other Supplier

David Mabry	McNees Wallace & Nurick LLC	Not Applicable
Christin Domian	Mitsubishi Electric Power Products Inc.	Not Applicable
Skyler Marzewski	Monitoring Analytics, LLC	Not Applicable
Tom Rutigliano	National Resources Defense Council	Not Applicable
Brett Feldman	Navigant Consulting, Inc.	Not Applicable
Yohannes Mariam	Office of the Peoples Counsel for the District of Columbia	End User Customer
Christopher Wehr	Ohio Edison Company	Transmission Owner
Adrien Ford	Old Dominion Electric Cooperative	Electric Distributor
Jenjira Knernschiold	Old Dominion Electric Cooperative	Electric Distributor
Madalyn Beban	PJM Interconnection, LLC	Not Applicable
Nicole Bugay	PJM Interconnection, LLC	Not Applicable
Joseph Ciabattoni	PJM Interconnection, LLC	Not Applicable
Jason Connell	PJM Interconnection, LLC	Not Applicable
Danielle Croop	PJM Interconnection, LLC	Not Applicable
Michael Del Viscio	PJM Interconnection, LLC	Not Applicable
David Egan	PJM Interconnection, LLC	Not Applicable
Zhenyu Fan	PJM Interconnection, LLC	Not Applicable
Pauline Foley	PJM Interconnection, LLC	Not Applicable
Andy Ford	PJM Interconnection, LLC	Not Applicable
Chantal Hendrzak	PJM Interconnection, LLC	Not Applicable
Pete Langbein	PJM Interconnection, LLC	Not Applicable
Andrew Levitt	PJM Interconnection, LLC	Not Applicable
Chenchao Lu	PJM Interconnection, LLC	Not Applicable
Susan McGill	PJM Interconnection, LLC	Not Applicable
Joseph Mulhern	PJM Interconnection, LLC	Not Applicable
Jack O'Neill	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
Laura Walter	PJM Interconnection, LLC	Not Applicable
Marj Garbini	Potomac Electric Power Company	Electric Distributor
George Beam	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
John Feller	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Gary Greiner	PSEG Energy Resources and Trade LLC	Other Supplier
David Ellis	Public Service Electric & Gas Company	Transmission Owner
Christopher Mahila	Public Utilities Commission of Ohio (The)	Not Applicable
Adam Todorski	R2M Technologies Inc.	Other Supplier
Tom Hoatson	Riverside Generating, LLC	Other Supplier
Roletto Mangonon	Rockland Electric Company	Transmission Owner
Kenneth Foladare	Tangibl	Not Applicable
Syed Ahmad	The Federal Energy Regulatory Commission	Not Applicable
Imelda Foley	University of Delaware	Not Applicable
Chad Dixon	Viridity Energy, Inc.	Other Supplier
Eric Winkler	Winkler Energy Consulting	Not Applicable



Draft Minutes

Author: Andrew Gledhill

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)
Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM's role.