

**Distributed Energy Resources Subcommittee**  
**PJM Conference and Training Center**  
**May 20, 2019**  
**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 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 March 4th 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 discussed the DERS Work Plan.

## Informational Items

4. Theresa Esterly, PJM, provided an update on the Non-Retail BTMG Business Rules Problem Statement and Issue Charge that was endorsed at the March Operating Committee meeting. This item is currently under discussion at the [Operating Committee](#).

## Wholesale DER Interconnection

5. Susan McGill, PJM, provided a verbal update on some potential process changes PJM is considering for small generation interconnection.
6. Mr. Baker led a discussion in the solutions matrix, and additions were made to reflect PJM's potential forthcoming process changes. This is a part of the Consensus Based Issue Resolution process. For further information about the proposal development process, please refer to [Manual 34, Section 7.3](#).

## Utility Microgrids – Wholesale Microgrid Generation

7. Andrew Levitt, PJM, presented a high-level summary of the some of the key market considerations for wholesale generation that has the ability to serve load directly as part of a microgrid during local outage conditions.

## Energy Storage Resources and Order 841

7. Mr. Levitt presented a brief update on the status of PJM's energy accounting proposal that was accepted by FERC in docket ER19-462 related to Energy Storage Resources. The focus of this update is the impact on ESRs that have the ability to directly serve retail load.

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

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

## Future Meeting Dates

June 10, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
July 15, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
August 14, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
September 9, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
October 7, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
November 18, 2019	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
December 16, 2019	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
Ed Achaab	AEP Energy Partners, Inc.	Other Supplier
Frankie Thomas	AEP Energy Partners, Inc.	Transmission Owner
Paul Molta	Ameresco	Not Applicable
Ryan Dolan	American Municipal Power, Inc.	Electric Distributor
Chris Norton	American Municipal Power, Inc.	Electric Distributor
Brock Ondayko	Appalachain Power Company	Transmission Owner
David Canter	Appalachian Power Company	Transmission Owner
Terry Gates	Appalachian Power Company	Transmission Owner
Erin Boyd	Apparent	Not Applicable
Brian Vayda	Borough of Park Ridge, NJ	Electric Distributor
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
Halley Brown	Burns & McDonnell	Not Applicable
Michael Dempsey	Burns & McDonnell	Not Applicable
Justin Gruetzner	Burns & McDonnell	Not Applicable
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier
Mike Thomas	Constellation NewEnergy, Inc.	Other Supplier
Charles Koontz	Coronal Energy	Not Applicable
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
Marjorie Philips	Direct Energy Business, LLC	Other Supplier
Jim Davis	Dominion Energy Marketing, Inc.	Generation Owner
Connie Lowe	Dominion Virginia Power	Not Applicable
John Sturgeon	Duke Energy Carolinas, LLC	Other Supplier
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
Alex Rosenblatt	Duquesne Light Company	Transmission Owner
Malcolm Ainspan	Energy Curtailment Specialists, Inc.	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
John Rostock	FirstEnergy Solutions Corp.	Transmission Owner
Ed Stein	FirstEnergy Solutions Corp.	Transmission Owner
James Tobia	FirstEnergy Solutions Corp.	Transmission Owner
Rory Sweeney	GT Power Group	Not Applicable
Jeffrey Whitehead	GT Power Group	Not Applicable
John Webster	Icetec.com, Inc.	Other Supplier
Christine Ericson	Illinois Commerce Commission	Not Applicable
Lynn Horning	LMH Energy	Not Applicable
Megan Wisersky	Madison Gas & Electric Company	Other Supplier
David Hastings	Market Interconnection LLC	Not Applicable
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
Joseph DeLosa	New Jersey Board of Public Utilities	Not Applicable
George Kogut	New York Power Authority	Other Supplier
Jenjira Knernschild	Old Dominion Electric Cooperative	Electric Distributor
Gregory Carmean	OPSI	Not Applicable
Monica Jha	PCI	Not Applicable
David Anders	PJM Interconnection, LLC	Not Applicable
Madalyn Beban	PJM Interconnection, LLC	Not Applicable
Joseph Ciabattoni	PJM Interconnection, LLC	Not Applicable
Danielle Croop	PJM Interconnection, LLC	Not Applicable
Elizabeth Davis	PJM Interconnection, LLC	Not Applicable
Thomas DeVita	PJM Interconnection, LLC	Not Applicable
James Dolan	PJM Interconnection, LLC	Not Applicable
Zhenyu Fan	PJM Interconnection, LLC	Not Applicable
Ray Fernandez	PJM Interconnection, LLC	Not Applicable
Suzanne Glatz	PJM Interconnection, LLC	Not Applicable
Chantal Hendrzak	PJM Interconnection, LLC	Not Applicable
David Kimmel	PJM Interconnection, LLC	Not Applicable
Matthew LaRocque	PJM Interconnection, LLC	Not Applicable



# Draft Meeting Minutes

Andrew Levitt	PJM Interconnection, LLC	Not Applicable
Glenn Long	PJM Interconnection, LLC	Not Applicable
John McComb	PJM Interconnection, LLC	Not Applicable
Susan McGill	PJM Interconnection, LLC	Not Applicable
Masha Nyemko	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
Cheryl Mae Velasco	PJM Interconnection, LLC	Not Applicable
George Beam	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
Rich Marinelli	Public Service Electric & Gas Company	Transmission Owner
Alex Stern	Public Service Electric & Gas Company	Transmission Owner
Tom Hoatson	Riverside Generating, LLC	Other Supplier
Jame Huang	Rockland Electric Company	Transmission Owner
Brian O'Boyle	Rockland Electric Company	Transmission Owner
David Essah	State Corporation Commission, Virginia	Not Applicable
Kenneth Foladare	Tangibl	Not Applicable
Sarah Van Cleve	Tesla, Inc	Not Applicable
Syed Ahmad	The Federal Energy Regulatory Commission	Not Applicable
Imelda Foley	University of Delaware	Not Applicable
Eric Winkler	Winkler Energy Consulting	Not Applicable

Author: Andrew Gledhill

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