

Distributed Energy Resources Subcommittee PJM Conference and Training Center October 10, 2019 1:00 p.m. – 4:00 p.m. EDT

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

#### Administration

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- 1. Mr. Gledhill called the meeting to order, reviewed the agenda and asked for amendments to the agenda.
- Mr. Gledhill reviewed meeting participation guidelines and the minutes from the September 9<sup>th</sup> 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. Gledhill briefly discussed the DERS Work Plan.
- 4. The PJM Stakeholder Survey will be open Monday, September 30, until Friday, October 11. PJM will be updating its current stakeholder email communication tool later this year. The survey notifications will be sent using the new tool. Stakeholders are being asked to provide their IT departments the IP address, 13.111.63.217, to ensure members receive stakeholder communications from the new tool. If subscribers are unable to whitelist the IP address, please check the company spam folder to allow communications from "@lists.pjm.com".

### Wholesale DER Interconnection

- 5. Mr. Gledhill reviewed voting results on the wholesale DER interconnection proposal, as well as next steps in the stakeholder approval process. The vote was opened on September 12<sup>th</sup> and closed September 27<sup>th</sup>. The proposal was endorsed with 93% support and will move forward to both the Planning Committee (November 14<sup>th</sup> and December 12<sup>th</sup>) and the Markets and Reliability Committee (December 5<sup>th</sup> and December 19<sup>th</sup>).
- Ms. Jessica Troiano, PJM, discussed the DOA process that can be used by DER customers to designate a 3<sup>rd</sup> party DER company to be the primary contact in the queue process. A DOA template contract was posted for informational purposes.
- 7. Mr. Thomas DeVita, PJM, provided a brief overview of the PJM response to FERC's questions about DER interconnection in docket RM18-9-000. The PJM response to FERC's questions is posted with the meeting materials.



8. Mr. Andy Ford, PJM, provided education on current practices regarding DER modeling in the PJM EMS as well as discussed Model Vision 2025.

### Utility Microgrids – Wholesale Microgrid Generation

 Mr. Gledhill reviewed results from the non-binding stakeholder poll held following the September 9<sup>th</sup> meeting. Additional feedback was provided on the poll's questions and comments. The DERS will continue the package development phase of the CBIR process at its November meeting.

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

10. Mr. Gledhill closed the meeting by reviewing action items and previewing topics for the next meeting.

#### **Future Meeting Dates**

November 18, 2019 December 16, 2019

9:00 a.m. – 12:00 p.m. 9:00 a.m. – 12:00 p.m. PJM Conference & Training Center/ WebEx PJM Conference & Training Center/ WebEx

#### Attendance

Attendees	Company	Sector
Andrew Gledhill (Facilitator)	PJM Interconnection, LLC	Not Applicable
Jeffery Dennis	Advanced Energy Economy	None
James Sorrels	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Brock Ondayko	AEP Energy Partners, Inc.	Transmission Owner
Mike Durinsky	Allegheny Energy Supply Company, L.L.C.	Transmission Owner
David Canter	Appalachian Power Company	Transmission Owner
John McDaniel	Baltimore Gas and Electric Company	Transmission Owner
David Scarpignato	Calpine Energy Services, L.P.	Generation Owner
Rehan Gilani	Consolidated Edison Energy, Inc.	Other Supplier
Guy Filomena	Customized Energy Solutions, Ltd.*	None
Lynn Marie Horning	Customized Energy Solutions, Ltd.*	None
Carl Johnson	Customized Energy Solutions, Ltd.*	None
Jonathan Sasser	Customized Energy Solutions, Ltd.*	None
Amy Willey	Delaware Public Service Commission	None
James Davis	Dominion Energy Generation Marketing, Inc.	Generation Owner
John Sturgeon	Duke Energy Business Services LLC	Transmission Owner
Jorge Aguilera	Duke Energy Ohio, Inc.	Transmission Owner
Nancy Connelly	Duke Energy Ohio, Inc.	Transmission Owner
Christin Domian	Duquesne Light Company	Transmission Owner
Janessa Kent	Duquesne Light Company	Transmission Owner
Joseph Polka	Duquesne Light Company	Transmission Owner
Chuck Dugan	East Kentucky Power Cooperative, Inc.	Transmission Owner

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## **Draft Meeting Minutes**

Brian Kauffman Michael Olson Sharon Midgley Jim Benchek Lou D'Alessandris John Rostock Kenneth Foladare Sean Baur Jeffrey Whitehead John Webster Kathleen Wehnes David Mabry Skyler Marzewski Tom Rutigliano Brett Feldman George Kogut Brett Denby Christopher Wehr Adrien Ford Jenjira Knernschield Jason Connell Thomas DeVita zhenyu fan Pauline Foley Andy Ford Suzanne Glatz Andrew Levitt Susan McGill Joseph Mulhern Jessica Troiano Stanley Williams George Beam James Rouland Mahila Christopher Aaron Anaya Roleto Mangonon Connie Lowe Tom Hoatson

Enel X North America, Inc. ENGIE DS Exelon Business Services Company, LLC FirstEnergy Solutions Corp. FirstEnergy Solutions Corp. FirstEnergy Solutions Corp. Geenex Solar LLC GlidePath Power Operations LLC GT Power Icetec.com, Inc. Maryland Department of the Environment McNees Wallace & Nurick LLC Monitoring Analytics Natural Resources Defence Council Navigant Consulting New York Power Authority Northern Virginia Electric Cooperative (NOVEC) Ohio Edison Company Old Dominion Electric Cooperative Old Dominion Electric Cooperative **PJM Interconnection** PJM Interconnection PJM Interconnection PJM Interconnection PJM Interconnection **PJM Interconnection PJM Interconnection** PJM Interconnection PJM Interconnection PJM Interconnection PJM Interconnection PPL Electric Utilities Corporation d/b/a PPL Utilities PPL Electric Utilities Corporation d/b/a PPL Utilities Public Utilities Commission of Ohio Rockland Electric Company Rockland Electric Company Virginia Electric & Power Company West Deptford Energy, LLC

Other Supplier Other Supplier Transmission Owner Transmission Owner Transmission Owner Transmission Owner Generation Owner Generation Owner None Other Supplier None None None None None Other Supplier Electric Distributor Transmission Owner **Flectric Distributor** Electric Distributor None Transmission Owner Transmission Owner None Transmission Owner Transmission Owner Transmission Owner Generation Owner

Author: Andrew Gledhill



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