

Special MIC – Distributed Energy Resources (DER) PJM Conference and Training Center August 18, 2017 1:00 p.m. – 4:00 p.m. EDT

# <u>Distributed Energy Resource</u> 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 August 1<sup>st</sup> meeting. Attendance was taken offline from a combination of in-person and WebEx attendees.
- Mr. Baker reviewed an updated work plan and indicated the intention to move the group into a Task Force with its own charter rather than its current position under the Market Implementation Committee. There was discussion regarding the merits of the move and alternatives. PJM resolved to follow-up on this matter at a future meeting.

# Consensus Based Issue Resolution Process

- Tom Rutigliano, representing Icetec, presented case studies and examples to add clarity to his proposed solution from the August 1<sup>st</sup> meeting.
- 5. Mr. Baker reviewed the solution options and packages in the solutions matrix.

# Operational Coordination

6. Mr. Baker led a discussion to solicit interests from stakeholders for future areas of discussion and/or education on operational coordination of DER on the distribution system.

# **DER Interconnection Related Items**

 Dave Egan, Manager, Interconnection Projects, provided an update on the *Manual 14a: New Services Request Process* revisions as they relate to DER. These revisions are currently under review at the Planning Committee and will receive its second read at PC's September 14<sup>th</sup>, 2017 meeting.

# Wrap-up and Future Agenda Items

 Mr. Baker summarized action items and asked stakeholders for discussion topics and meeting materials needed to make progress towards solution options that have consensus.

# Future Meeting Dates

August 31, 2017 September 18, 2017 October 2, 2017 9:00 a.m. – 12:00 p.m. 9:00 a.m. – 12:00 p.m. 9:00 a.m. – 4:00 p.m. PJM Conference & Training Center/ WebEx PJM Conference & Training Center/ WebEx PJM Conference & Training Center/ WebEx



# **Draft Minutes**

October 18, 2017 November 6, 2017 November 17, 2017 December 15, 2017

# Attendance

#### Attendees

Scott Baker (Facilitator) Andrew Gledhill (Secretary) Drew Adams Steven Lieberman Kristin Rothey Kent Feliks Brock Ondayko JauJia Guo Damon Xenopoulos David Scarpignato William Allen Rehan Gilani Bruce Campbell Jamie Lejcar Mike Berlinski Guy Filomena Carl Johnson Jonathan Sasser John Horstmann Joseph DeLosa John Farber Connie Lowe William Jett Bryan Garnett Christin Domian John Peoples Tom Rutigliano Chuck Dugan Sharon Midgley Jim Benchek Martin Bolan Ed Stein Christopher Wehr Tom Hyzinski

1:00 p.m. – 4.00 p.m. 9:00 a.m. – 3:00 p.m. 1:00 p.m. – 4:00 p.m. 1:00 p.m. – 4:00 p.m.

> Company PJM Interconnection, LLC PJM Interconnection, LLC A.F. Mensah, Inc. American Municipal Power, Inc. American Municipal Power, Inc. Appalachain Power Company Appalachain Power Company Appalachian Power Company Brickfield, Burchette, Ritts & Stone, P.C. Calpine Energy Services, L.P. Commonwealth Edison Company Consolidated Edison Energy, Inc. Cpower CPS Energy Customized Energy Solutions, Ltd.\* Customized Energy Solutions, Ltd.\* Customized Energy Solutions, Ltd.\* Customized Energy Solutions, Ltd.\* Dayton Power & Light Company (The) **DE Public Service Commission DE Public Service Commission Dominion Virginia Power** Duke Energy Business Services LLC Duke Energy Ohio, Inc. Duquesne Light Company Duquesne Light Company Earth Networks East Kentucky Power Cooperative, Inc. Exelon Generation Co., LLC FirstEnergy Solutions Corp. FirstEnergy Solutions Corp. FirstEnergy Solutions Corp. FirstEnergy Solutions Corp. GT Power Group

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> Sector Not Applicable Not Applicable Other Supplier Electric Distributor Electric Distributor Transmission Owner Transmission Owner Transmission Owner Not Applicable Generation Owner Transmission Owner Other Supplier Other Supplier Electric Distributor Not Applicable Not Applicable Not Applicable Not Applicable Transmission Owner Not Applicable Not Applicable Transmission Owner Transmission Owner Transmission Owner Transmission Owner Transmission Owner Other Supplier Transmission Owner Generation Owner Transmission Owner Transmission Owner Transmission Owner Transmission Owner Not Applicable



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# David Pratzon John Webster Jacques LeBris Erffmeyer Randy Rismiller Kenneth Foladare Matthew McCaffree Megan Wisersky David Mabry Robert Beadle Ruth Holdbrook Susan Covino Frederick Heinle Bruce Remmel Murty Bhavaraju Joe Ciabattoni David Egan Eric Endress Chantal Hendrzak David Kimmel Andrew Levitt Keyur Patel Cheryl Mae Velasco Frank Richardson Debbie Gebolys

George Beam Jennifer Hohenshilt GT Power Group

Icetec.com, Inc. Illinois Citizens Utility Board Illinois Commerce Commission IMG Midstream LLC Itron Madison Gas & Electric Co McNees Wallace & Nurick LLC North Carolina Electric Membership Corporation Northern Virginia Electric Cooperative Not Applicable Office of the Peoples Counsel for the D.C. Ohio Edison Company (ATSI CSP) PJM Interconnection, LLC PPL Electric Utilities Corp. dba PPL Utilities Public Utilities Commission of Ohio (The) Talen Energy Marketing, LLC Talen Energy Marketing, LLC

Not Applicable Other Supplier End User Customer Not Applicable Generation Owner Not Applicable Other Supplier Not Applicable Electric Distributor Electric Distributor Not Applicable End User Customer Transmission Owner Not Applicable Transmission Owner Not Applicable Generation Owner Generation Owner

Author: Andrew Gledhill

Provide feedback on the progress of this group: *Facilitator Feedback Form* Visit *learn.pim.com*, an easy-to-understand resource about the power industry and PJM's role.