



MEETING MINUTES - DRAFT
PC – Enhanced Inverters
PJM Conference and Training Center
March 31, 2014, 9am – 12pm

1. **Administration (9:00–9:10)**

Ms. Tracy Miehke called the meeting to order; Ms. Janell Fabiano called roll; Ms. Miehke reviewed the agenda.

2. **Problem Statement & Issue Charge Review 9:10-9:20 ([Issue Tracking](#))**

Mr. Frank Koza reviewed the problem statement and issue charge.

3. **Work Plan Review (9:20-9:25)**

Ms. Miehke reviewed the draft work plan.

4. **EPRI - Enhanced Inverter Education Session and Q & A (9:25-11:50)**

Mr. Daniel Brooks and Mr. Aminul Huque of EPRI provided an educational and question & answer session on smart grid inverters. The remainder of this education session will be carried over onto the April 28 agenda. The [EPRI slides](#) can be found posted with the meeting materials.

5. **Future Agenda Items (11:50-11:55)**

Continued education session
Interest Gathering

6. **Future meeting dates** (Click link to register)

April 18, 2014	9:00 – 12:00 p.m.	In-person & WebEx
April 28, 2014	1:00 – 4:00 p.m.	In-person & WebEx
May 12, 2014	9:00 – 12:00 p.m.	In-person & WebEx
May 30, 2014	1:00 – 4:00 p.m.	In-person & WebEx
June 11, 2014	9:00 – 12:00 p.m.	In-person & WebEx
June 27, 2014	9:00 – 12:00 p.m.	In-person & WebEx
July 7, 2014	1:00 – 4:00 p.m.	In-person & WebEx
July 25, 2014	9:00 – 12:00 p.m.	In-person & WebEx
August 13, 2014	9:00 – 12:00 p.m.	In-person & WebEx
August 29, 2014	9:00 – 12:00 p.m.	In-person & WebEx

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Anti-trust:

You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

Code of Conduct:

As a mandatory condition of attendance at today's meeting, attendees agree to adhere to the PJM Code of Conduct as detailed in PJM Manual M-34 section 4.5, including, but not limited to, participants' responsibilities and rules regarding the dissemination of meeting discussion and materials.

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Attendees: In-Person

Last Name	First Name	Company Name	Sector
Brodbeck	John	Potomac Electric Power Company	Electric Distributor
Brooks	Daniel	EPRI	Not Applicable
Burlew	Sarah	PJM Interconnection, LLC	Not Applicable
Calore	James	Public Service Electric & Gas Company	Transmission Owner
Fabiano	Janell	PJM Interconnection, LLC	Not Applicable
Hall	Donald	Potomac Electric Power Company	Electric Distributor
Hendrzak	Chantal	PJM Interconnection, LLC	Not Applicable
Huque	Aminul	EPRI	Not Applicable
Keshavamurthy	Bhavana	PJM Interconnection, LLC	Not Applicable
Khadr	Esam	Public Service Electric & Gas Company	Transmission Owner
Koza	Frank	PJM Interconnection, LLC	Not Applicable
Miehke	Tracy	PJM Interconnection, LLC	Not Applicable
Schuyler	Ken	PJM Interconnection, LLC	Not Applicable
Webster	John	lcetec.com, Inc.	Other Supplier

Attendees: WebEx/ Teleconference

Last Name	First Name	Company Name	Sector
Ahmed	Hamad	PJM Interconnection	Not Applicable
Alvarez	Bill	SMA America	
Baker	Scott	PJM Interconnection	Not Applicable
Berner	Aaron	PJM Interconnection, LLC	Not Applicable
Black	Jon	ISO New England	Not Applicable
Brooks	Daniel	EPRI	Not Applicable
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Carmean	Gregory	OPSI	Not Applicable
Chu	Ron	Exelon Generation Co., LLC	Generation Owner
Connelly	Nancy	Duke Energy	Transmission Owner
Dinkel	Alex	Atlantic City Electric Company	Electric Distributor
Domian	Christin	Mitsubishi Electric Power Products Inc.	Not Applicable
Engelmann	Alan	Commonwealth Edison Company	Transmission Owner
Fecho	Thomas	AEP Energy Partners, Inc.	Other Supplier



Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Greening	Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Grimes	Mike	EDP Renewables North America, LLC	Generation Owner
Hamilton	Brian	North American Electric Reliability Corporation	Not Applicable
Jacobs	Mike	Union of Concerned Scientists	Not Applicable
Kay	Thomas	Commonwealth Edison Company	Transmission Owner
Key	Thomas	EPRI	Not Applicable
Kliros	Chris	Commonwealth Edison Company	Transmission Owner
Kouam Kamwa	William	American Electric Power	Transmission Owner
Lacy	Catharine	Dominion Virginia Power	Not Applicable
Laios	Beverly	American Electric Power	Transmission Owner
Laios	Takis	American Electric Power	Transmission Owner
Ma	Alex	Invenergy, LLC	Generation Owner
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Marchewka	Grant	FirstEnergy Corporation	Transmission Owner
Murray	Charlie	Invenergy LLC	Generation Owner
Musser	Claire	Tangent Energy Solutions, Inc.	Other Supplier
Rever	Katie	Solar Energy Industries Association	Not Applicable
Riccitelli	Brian	SMA America	
Sanders	Melanie	Exelon Business Services Company, LLC	Transmission Owner
Schooley	David	Commonwealth Edison Company	Transmission Owner
Shakibafar	Mehdi	Virginia Electric & Power Company	Transmission Owner
Slade Jr.	Louis	Virginia Electric & Power Company	Transmission Owner
Smith	Jeff	EPRI	Not Applicable
Smith	Mark	AEP Energy Partners, Inc. (AEP Retail)	None
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Taylor	Lindsay	Tangent Energy Solutions, Inc.	Other Supplier