



**MEETING MINUTES - DRAFT**  
PC – Enhanced Inverters  
PJM Conference and Training Center  
April 28, 2014, 9am – 12pm

1. **Administration (9:00–9:10)**

Ms. Tracy Miehke called the meeting to order; called roll, reviewed the agenda and acquired approval on the draft minutes from the 3.31.2014 meeting.

2. **Work Plan Review (9:15am – 9:20 am) ([Issue Tracking](#))**

Ms. Miehke reviewed the updated work plan. She extended the offer to the group to provide feedback to the Work Plan as the process develops.

3. **EPRI - Enhanced Inverter Education Session and Q & A (9:20am-10:45am)**

Mr. Daniel Brooks, Mr. Jeff Smith and Mr. Aminul Huque of EPRI continued their educational and question & answer session on smart grid inverters. The full presentation is available at the following link: [EPRI Enhanced Inverter Education Slides - Part 2](#)

4. **SMA America, LLC Manufacturing Overview (10:50am-11:55am)**

Mr. Bill Alvarez and Mr. Brian Riccitelli of SMA America, LLC, presented an education session on their manufactured inverter capabilities. The full presentation is available at the following link: [SMA Inverter Capabilities - Education Session](#)

5. **Future Agenda Items (11:55-12:00)**

Review of existing standards, matrix development

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

May 30, 2014	1:00 – 4:00 p.m.	<a href="#">In-person &amp; WebEx</a>
June 11, 2014	9:00 – 12:00 p.m.	<a href="#">In-person &amp; WebEx</a>
June 27, 2014	9:00 – 12:00 p.m.	<a href="#">In-person &amp; WebEx</a>
July 7, 2014	1:00 – 4:00 p.m.	<a href="#">In-person &amp; WebEx</a>
July 25, 2014	9:00 – 12:00 p.m.	<a href="#">In-person &amp; WebEx</a>
August 13, 2014	9:00 – 12:00 p.m.	<a href="#">In-person &amp; WebEx</a>
August 29, 2014	9:00 – 12:00 p.m.	<a href="#">In-person &amp; WebEx</a>

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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.

**Public Meetings/Media Participation:**

Unless otherwise noted, PJM stakeholder meetings are open to the public and to members of the media. Members of the media are asked to announce their attendance at all PJM stakeholder meetings at the beginning of the meeting or at the point they join a meeting already in progress. Members of the Media are reminded that speakers at PJM meetings cannot be quoted without explicit permission from the speaker. PJM Members are reminded that "detailed transcriptional meeting notes" and white board notes from "brainstorming sessions" shall not be disseminated. PJM Members are also not allowed to create audio, video or online recordings of PJM meetings.

**Attendees: In-Person**

Last Name	First Name	Company Name	Sector
Brodbeck	John	Potomac Electric Power Company	Electric Distributor
Burlew	Sarah	PJM Interconnection, LLC	Not Applicable
Dugan	Bill	Customized Energy Solutions	Not Applicable
Fabiano	Janell	PJM Interconnection, LLC	Not Applicable
Keshavamurthy	Bhavana	PJM Interconnection, LLC	Not Applicable
Koza	Frank	PJM Interconnection, LLC	Not Applicable
Miehke	Tracy	PJM Interconnection, LLC	Not Applicable
Ricitelli	Brian	SMA America	Not Applicable
Schuyler	Ken	PJM Interconnection, LLC	Not Applicable
Webster	John	lceotec.com, Inc.	Other Supplier

**Attendees: WebEx/ Teleconference**

Last Name	First Name	Company Name	Sector
Alvarez	Bill	SMA America	Not Applicable
Anders	Dave	PJM Interconnection	Not Applicable
Baker	Scott	PJM Interconnection	Not Applicable
Berner	Aaron	PJM Interconnection, LLC	Not Applicable
Brooks	Daniel	EPRI	Not Applicable
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Casablanca	Carlos	AEP	Transmission Owner
Chu	Ron	Exelon Generation Co., LLC	Generation Owner
Connelly	Nancy	Duke Energy	Transmission Owner
Dean	Kevin	McNees Wallace & Nurick LLC	Not Applicable
Dinkel	Alex	Atlantic City Electric Company	Electric Distributor
Fan	Zhenyu	PJM Interconnection, LLC	Not Applicable
Fernandes	John	Baltimore Gas and Electric	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Greening	Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Hamilton	Brian	North American Electric Reliability Corporation	Not Applicable
Harris	Kevin	Peco	Transmission Owner
Huque	Aminul	EPRI	Not Applicable
Johnson	Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kay	Thomas	Commonwealth Edison Company	Transmission Owner
Knotts	Pamela	ComEd	Not Applicable
Kreider	Randy	PPL Electric Utilities	Transmission Owner
Kogut	George	NY Power Authority	



Lacy	Catharine	Dominion Virginia Power	Not Applicable
Laios	Beverly	American Electric Power	Transmission Owner
Laios	Takis	American Electric Power	Transmission Owner
Marchewka	Grant	FirstEnergy Corporation	Transmission Owner
Minalga	Jason	Invenergy	Generation Owner
Owens	George	Downes Associates, Inc.	Other Supplier
Patel	Keshan	Rockland Electric	
Pratzon	Dave	GT Power Group	Not applicable
Rajda	Janos	SMA America	Not applicable
Rever	Katie	Solar Energy Industries Association	Not Applicable
Sanders	Melanie	Exelon Business Services Company, LLC	Transmission Owner
Shakibafar	Mehdi	Virginia Electric & Power Company	Transmission Owner
Sitaraman	Nicole	Office of the Peoples Counsel DC	End Use Customer
Slade Jr.	Louis	Virginia Electric & Power Company	Transmission Owner
Smith	Jeff	EPRI	Not Applicable
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Tekie	Zelalem	Baltimore Gas and Electric	Transmission Owner