

**Intermittent Resource Subcommittee**  
**PJM Conference and Training Center**  
**September 21, 2015**  
**1:00 a.m. – 3:00 p.m. EPT**

## Administration

Mr. Ken Schuyler opened the meeting and reviewed the Agenda.

Ms. Helen Burnley performed roll call and reviewed the Anti-Trust and Code of Conduct. The meeting minutes from the May 13, 2105 meeting were approved.

## Informational Updates

Mr. Ken Schuyler provided an update on the wind curtailment statistics. Curtailments averaged 2.3% for the one year period from September 2014 to August 2015. Curtailments are down on average since June 2014 due in part because of improvements to wind dispatch processes (e.g., fewer manual curtailments).

Mr. Joe Ciabattone discussed operational insights into wind curtailments and how wind farms are dispatched.

Ms. Helen Burnley provided a brief overview of PJM's newly implemented Member Community, the purpose of it, as well as instructions on how to register.

## Education

Mr. Jeff Bastian provided a presentation on Intermittent Resources in RPM and how they relate to Capacity Performance.

## Future Agenda Items

## Proposed Future Meeting Dates for 2016

March 7, 2016	1:00 p.m.
June 6, 2016	1:00 p.m.
September 19, 2016	1:00 p.m.
December 7, 2016	1:00 p.m.

Author: Helen Burnley

### 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.

## In-Person Attendees:

Schuyler	Ken	PJM Interconnection, LLC	Not Applicable
Burnley	Helen	PJM Interconnection, LLC	Not Applicable
Ciabattoni	Joe	PJM Interconnection, LLC	Not Applicable
Bastian	Jeff	PJM Interconnection, LLC	Not Applicable

## In Attendance via WebEx / Teleconference

Bolan	Martin	FirstEnergy Corporation	
Brodbeck	John	EDP Renewables North America, LLC	Other Supplier
Burnley	Helen	PJM Interconnection, LLC	None
Carmean	Gregory	OPSI	None
Carter	Jason	Invenergy, LLC	Generation Owner
Chadbourne	Jonathan	Chief Keystone Power, LLC	Generation Owner
Chocarro	Iker	E.ON Climate & Renewables North America, Inc.	Generation Owner
Cummings	Bridgid	PJM Interconnection, LLC	None
Currier	Jeffrey	Dominion Virginia Power	None
D'Alessandris	Lou	First Energy Corporation	
DeLosa	Joseph	DE Public Service Commission	
Farber	John	DE Public Service Commission	
Feierabend	Rick	Dominion Virginia Power	Generation Owner
Filomena	Guy		Other
Fitch	Neal	NRG Power Marketing, LLC	Generation Owner
Foladare	Kenneth	IMG Midstream LLC	Generation Owner
Goldstein	Michael	Grand Ridge Energy LLC	Generation Owner
Greening	Michele	Talen Energy Marketing, LLC	Generation Owner
Grimes	Mike	EDP Renewables North America, LLC	Generation Owner
Hagaman	Derek	GT Power Group	Other
Hastings	David		None
Hoatson	Tom	Riverside Generating, LLC	Other Supplier
Jacobs	Mike	Union of Concerned Sciences	None
jennings	Ken	Duke Energy Business Services	Transmission Owner
Jones	Ryan	CCS Energy	
Johnson	Carl	Customized Energy Solutions, Inc.	None
Kogut	George	New York Power Authority	Other Supplier
Labij	Christina	EcoGrove Wind, LLC	Generation Owner
Lacy	Catharine	Dominion Virginia Power	None
Marton	David	FirstEnergy Corporation	
McAlister	Lisa	American Municipal Power, Inc.	Electric Distributor
Miller	Sara	EcoGrove Wind, LLC	Generation Owner



# Meeting Minutes

Norton	Chris	American Municipal Power, Inc.	Electric Distributor
O'Connell	Bob	Main Line Electricity Market Consultants	None
Pai	Medha	PJM Interconnection, LLC	None
Peoples	John	Duquesne Light Company	Transmission Owner
Price	Ruth	Division of the Public Advocate of State of Delaware	End User Customer
Robichaud	Donna	GF Solutions, LLC	None
Sasser	Jonathan	Customized Energy Solutions, Inc.	None
Scheidecker	Paul	PJM Interconnection, LLC	None
Schuyler	Ken	PJM Interconnection, LLC	None
Shields	Tom	IBERDROLA RENEWABLES, LLC	Generation Owner
Stewart	Travis	Gabel Associates	None
Thomson	Heather	Marec	None
Weiss	Glenn	PJM Interconnection, LLC	None
Whitehead	Jeffrey	Direct Energy Business Marketing	Other Supplier