



# pjm Regulation Performance Impacts

## Minutes

**Regulation Performance Impacts**  
**CTC & Teleconference**  
**July 16, 2015**  
**9:00am – 12:00 p.m. EST**

### Education (0900 – 1200)

1. Ms. Danielle Martini provided an educational presentation on BAAL/CPS and how they correlate in addition to how often and causes for regulation signal pegging.
2. Mr. Scott Benner provided education on the Marginal Benefits factor.
3. Mr. Michael Olaleye provided education on the regulation market clearing process. The presentation will continue into the next meeting to be held August 11th.
4. Mr. Howard Haas of Monitoring Analytics presented a continuation of concerns regarding the use of the Benefits Factor curve.

### Action Items

- How often was the regulation signal pegging prior to RegD implementation?
- How often does ACE exceed Regulation requirement?
- Can we show how often the Regulation signal was pegged for more than 30 minute?
- Can we show the maximum number of consecutive BAAL excursion minutes per month?
- Can we show this data by season? (Danielle)
  - Can we provide the raw data? (Eric)
  - Why does the RegD % go up significantly for HE 18-20? (Danielle/Michael)
- What is the goal of the Benefits Factor Curve? Reliability?, Minimize Reg Req (cost)?, Maximize RegD % ?

### Future Meeting Dates

August 11, 2015	9am – 11am, prior to the start of the OC	PJM Conference & Training Center/ Webex
August 17, 2015	9am – 12pm	PJM Conference & Training Center/ Webex
September 8, 2015	Begin at the completion of the OC	PJM Conference & Training Center/ Webex
September 25, 2015	9am – 12pm	Webex only
October 6, 2015	Begin at the completion of the OC	PJM Conference & Training Center/ Webex
October 15, 2015	9am – 12pm	PJM Conference & Training Center/ Webex
November 3, 2015	Begin at the completion of the OC	PJM Conference & Training Center/ Webex
November 12, 2015	9am – 12pm	PJM Conference & Training Center/ Webex
December 1, 2015	Begin at the completion of the OC	PJM Conference & Training Center/ Webex
December 18, 2015	9am – 12pm	PJM Conference & Training Center/ Webex

Author: Tracy Miehke

Last Name	First Name	Company Name
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Anders	David	PJM Interconnection, LLC
Blair	Tom	Monitoring Analytics, LLC
Borgatti	Michael	Gable and Associates
Boyle	Glen	PJM Interconnection, LLC
Campbell	Bruce	EnergyConnect, Inc.
Copeland	Doug	
Endress	Eric	PJM Interconnection, LLC
Fereshetian	Damon	Viridity Energy, Inc.
Foladare	Kenneth	IMG Midstream LLC
Haas	Howard	AB Energy NE Pty. Ltd.
Hackman	Harry	Primary Power LLC
Hagaman	Derek	GT Power Group
Hauske	Thomas	PJM Interconnection, LLC
Hoffman	Joe	PJM Interconnection, LLC
Horstmann	John	Dayton Power & Light Company (The)
Hsia	Eric	PJM Interconnection
Johnson	Carl	Customized Energy Solutions, Ltd.*
King	Kendra	PJM Interconnection, LLC
Martini	Danielle	PJM Interconnection
Miehlke	Tracy	PJM Interconnection, LLC
O'Connell	Robert	Main Line Electricity Market Consultants
Olaleye	Michael	PJM Interconnection, LLC
Pratzon	David	GT Power Group
	Scarp	Calpine Energy Services, L.P.
Smith	Melissa	PJM Interconnection, LLC
Stadlmeyer	Rebecca	Exelon Business Services Company, LLC
Stewart	Travis	Gable and Associates
Suh	Jung	Noble Americas Energy Solutions LLC



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Velasco	Cheryl Mae	PJM Interconnection, LLC
<b>Teleconference</b>		
Berlinski	Mike	Customized Energy Solutions, Inc.
Bolan	Martin	FirstEnergy Solutions Corporation
Bonner (ES)	Charles	Dominion Virginia Power
Brink	Robert	GE
Carmean	Gregory	OPSI
Carro (ES)	Dan	Dominion Virginia Power
Cox	Phil	
Coyle (ES)	Billy	Dominion Virginia Power
davis	connie	City of Cleveland, DPU, Div of Cleveland Public Pwr
DeLosa	Joseph	DE Public Service Commission
Filomena	Guy	Customized Energy Solutions, Ltd.*
Gates	Terry	Appalachian Power Company
Griffiths	Dan	Consumer Advocates of PJM States
Guo	Jau-Jia	Appalachian Power Company
Hall II	Walter	Maryland Public Service Commission
Hendrzak	Chantal	PJM Interconnection, LLC
Hopkins (ES)	Sandra	Dominion Virginia Power
Kelly	Stephen	Brookfield Energy Marketing LP
Lacy	Catharine	Dominion Virginia Power
Libbos	Robin	Allegheny Power
Lieberman	Steven	Old Dominion Electric Cooperative
LOWE	CONNIE	Dominion Virginia Power
Ma	Alex	Invenergy
Mabry	David	McNees Wallace & Nurick LLC
Mandel	Juliana	
Markiewicz	Cindy	Allegheny Power



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Morelli	Lisa	PJM Interconnection, LLC
Norton	Chris	American Municipal Power, Inc.
Ondayko	Brock	Appalachain Power Company
Patten	Kevin	Appalachain Power Company
Pilong	Chris	PJM Interconnection, LLC
Price	Ruth	Division of the Public Advocate of the State of Delaware
Rutigliano	Tom	Acheiving Equilibrium LLC
Sasser	Jonathan	Customized Energy Solutions, Ltd.*
Trayers	Barry	Citigroup Energy, Inc.
Sillan	John	
Webster	John	Icetec.com, Inc.
Weghorst	Bradley	Talen Energy