

Resource Adequacy Analysis Subcommittee
PJM Conference & Training Center
Thursday, March 24, 2016
9:30 a.m. – 12:00 p.m. EST

ADMINISTRATION

Mr. Falin opened the meeting and reviewed the agenda. Mr. Quevada performed roll call. The revised meeting minutes from the February 23, 2016 meeting were approved and will be posted as final.

DISCUSSION OF RRS ASSUMPTIONS

Mr. Rocha-Garrido presented responses to a list of action items from the February RAAS meeting. Topics centered on FEF, EEFORd associated with high risk days, units where deration exceeded EEFORd, unit UCAP in regards to transitioning with CP rules and scaling ambient derating to what it would be today compared to the old MAAC. Through further discussion, PJM agreed to produce an objective method of calculating the Forecast Error Factor.

Next, Mr. Rocha-Garrido discussed several findings from PJM Staff's investigation of the RRS Assumptions from past meetings:

- Modeling DR in the RRS does not impact the FPR
- Using the CP distributions from the 2016 PJM Load Forecast, instead of the 2015 PRISM Load Model, produces an almost identical 2015 Single Area IRM (FPR)
- The average CBOT calculated with GE-MARS is 1.3%
- Using the Summer Verification Test data results from the last 3 years produces an estimated amount of ambient derates in the 2015 RRS equal to 2,600 MW

Finally, Mr. Rocha-Garrido presented multiple solution options for each bullet stated above. Further discussion on recommendations on the RRS Assumptions will be made at the April meeting.

FUTURE MEETING DATES

April 21, 2016	9:30 a.m. – 12:00 p.m.	PJM Conference and Training Center
May 5, 2016	9:30 a.m. – 12:00 p.m.	PJM Conference and Training Center

In-Person Attendees

Name	Company
Thomas Falin (Chair)	PJM Interconnection, LLC
Jason Quevada (Secretary)	PJM Interconnection, LLC
David Scarpignato	Calpine Energy Services, L.P.
Carl Johnson	Customized Energy Solutions, Ltd.*

Ruth Price	Division of the Public Advocate of the State of Delaware
David Pratzon	GT Power Group
Derek Hagaman	GT Power Group
Kenneth Foladare	IMG Midstream LLC
George Kogut	New York Power Authority
Steven Lieberman	Old Dominion Electric Cooperative
Frank Brandolisio	Exelon/PECO
Andrew Gledhill	PJM Interconnection, LLC

WebEx/Teleconference Attendees

Name	Company
Chris Norton	American Municipal Power, Inc.
Kevin Patten	Appalachian Power Company
Sara Bishop	Calpine Energy Services, L.P.
Dan Griffiths	Consumer Advocates of PJM States
Guy Filomena	Customized Energy Solutions, Ltd.*
Jonathan Sasser	Customized Energy Solutions, Ltd.*
Iker Chocarro Aguirrebengoa	E.ON Climate & Renewables North America, Inc.
Chuck Dugan	East Kentucky Power Cooperative, Inc.
Eric Mortenson	Exelon/ComEd
Sharon Midgley	Exelon BSC
David Marton	FirstEnergy Solutions Corp.
Lou D'Alessandris	FirstEnergy Solutions Corp.
Martin Bolan	FirstEnergy Solutions Corp.
Robert O'Connell	Main Line Electricity Market Consultants
John Gouda	Old Dominion Electric Cooperative
Greg Carmean	OPSI
Jerry Bell	PJM Interconnection, LLC
Murty Bhavaraju	PJM Interconnection, LLC
Tom Hoatson	Riverside Generating, LLC
Joel Yu	Rockland Electric Company
James Wilson	Wilson Energy Economics