Meeting Minutes - Draft

Load Analysis Subcommittee
Teleconference / Web conference
Wednesday, November 15, 2017
1:00 p.m. – 4:00 p.m. EPT

Administration

1. Mr. John Reynolds opened the meeting and reviewed the agenda. Ms. Molly Mooney performed roll call.

2. The Load Analysis Subcommittee reviewed and approved the draft minutes from the July 17, 2017 meeting. No changes were requested. Minutes will be posted as final.

Load Forecast Development

3. Distributed Solar Generation Forecast

Mr. Thomas Maslin, IHS Markit, presented the forecast of installed behind-the-meter solar generation for PJM states. The three forecast scenarios that were produced for PJM were reviewed. Ms. Molly Mooney discussed how PJM converts the IHS forecast to zonal impacts at peak load conditions. PJM is currently working with AWS Truepower to develop historical back-casts for behind the meter solar facilities in the PJM footprint. AWS Truepower will present methodology and results at a future LAS meeting in early 2018.

4. Preliminary 2018 PJM Load Forecast

Mr. Andrew Gledhill presented the preliminary 2018 load forecast and the impact of updated economic, efficiency, load, weather, load adjustments, and solar data on the RTO forecast compared to the 2017 load forecast. An additional file showing the decomposition of changes for each zone was also posted with meeting materials. Also, two files showing PJM’s consideration of load adjustments for the 2018 load forecast were posted with meeting materials.

5. Review of Summer 2017 Load

Ms. Amanda Long presented an overview of peak loads and weather experienced in the summer of 2017.

6. Weather Normalization of Load

Mr. John Reynolds reviewed PJM’s current weather normalization process and where these weather normalized values are used. PJM plans on reviewing the weather normalization process in 2018 and will update the LAS of any changes. There is a data spreadsheet posted with meeting materials that shows zonal Non Coincident Peak (NCP) weather normalized values, average zonal diversities, and zonal Coincident Peak (CP) weather normalized values.

7. Load Forecast Accuracy

Mr. Andrew Gledhill presented the accuracy report for the PJM load forecast model. The RTO accuracy for both the summer and the winter were reviewed.
8. Potential Load Forecast Enhancements

Mr. Andrew Gledhill reviewed ongoing work to identify improvements to the load forecasting model. In particular, PJM was tasked with reviewing the winter load forecast model accuracy. The impact of base loads and peak loads were shown and reviewed along with an initial framework to have two models, one that produces a forecast of base load and a second that forecasts total load using the results from the first base load model. PJM will continue work and share results in the first half of 2018.

In Attendance

Ryan Dolan AEP Energy Partners, Inc.
Dylan Drugan American Electric Power
Scott Fisher American Electric Power
Randy Holliday American Electric Power
Nicholas Tichich American Electric Power
John McDaniel Baltimore Gas and Electric Company
Sara Bishop Calpine
Jung Suh Calpine
David Apostol Commonwealth Edison Company
Dennis Kelter Commonwealth Edison Company
Rehan Gilani ConEdison Energy, Inc.
Tiffany Smith Constellation
Greg Poulos Consumer Advocates of PJM States
Guy Filomena Customized Energy Solutions, Ltd
Carl Johnson Customized Energy Solutions, Ltd.
Jonathan Sasser Customized Energy Solutions, Ltd.
Joseph DeLosa DE Public Service Commission
John Horstmann Dayton Power & Light Company
David Hastings DhasilCo, LLC
Billy Coyle Dominion Virginia Power
Sid Hays Dominion Virginia Power
Abhijit Rajan Dominion Virginia Power
Karim Siamer Dominion Virginia Power
Bob Wilson Dominion Virginia Power
Sally Witt East Kentucky Power Cooperative, Inc.
Tim Gusick Eastern Generation
Bruce Campbell Energy Connect, Inc
Malcolm Ainspan Energy Curtailment Specialists, Inc.
Paul Flemming ESAI
Scott Niemann ESAI
Sharon Midgley Exelon Generation Co., LLC
Jim Benchek FirstEnergy Corporation