Tier 1 Compensation MIC Special Session PJM Conference and Training Center / WebEx March 17, 2015 9:00 a.m. – 12:00 p.m. EST

Administration

Ms. Lisa Morelli welcomed stakeholders and reviewed the agenda. Ms. Cheryl Mae Velasco called attention to the Anti-trust and Code of Conduct statements and performed roll call. The meeting minutes from the February 4th meeting were approved.

Review Proposed Workplan

Ms. Morelli reviewed the proposed workplan. No requests for changes to the workplan were made.

Education

Mr. Ray Fernandez provided education on the current Tier 2 compensation refund structure. Multiple examples were presented to show the different scenarios of the refund structure. At the end of the presentation, Mr. Fernandez provided two options for a potential refund structure for the Tier 1 obligation option. If resources with a Tier 1 estimate incur an obligation, a refund structure will need to be determined in order to penalize resources that fall short in providing the MW obligation during a spin event.

Design Component & Solution Option Development

Ms. Velasco reviewed the components and options in the matrix. Any changes from the previous meeting were in bold print. Ms. Rebecca Carroll and Mr. Fernandez discussed the changes in further detail. A request to have each option explained further in writing was made. The details will be added to the matrix. Mr. Michael Olaleye provided a presentation on the data that participants currently provide to PJM in order to calculate the Tier 1 estimate value. Mr. Olaleye indicated that the data that is already being provided should suffice when determining the Tier 1 estimate on a resource, therefore a feedback loop for participants to indicate whether they could meet the Tier 1 obligation calculated for their resources would not be necessary. However, the group was asked to consider whether there are additional data points or flexibility in data submission timing that could help further improve the Tier 1 estimates calculated by PJM. For the next meeting, a request was made for a process diagram or timeline for how the opting in and out procedure would work. Also, a request was made for indicating which manuals would be affected with the proposed changes. For the next meeting, PJM hopes to present a package to the group.

Future Agenda Items

- A. Review/Revise the Workplan as needed
- B. Provide additional education, if necessary
- C. Solution Component Development
- D. Solution Option Development

In Attendance (In Person):

Anders, David

PJM Interconnection, LLC

Not Applicable



Draft Meeting Minutes

Blair, Tom Borradaile, Michael Brodbeck, John Carroll, Rebecca Fabiano, Janell Fernandez, Ray Foladare, Kenneth Hagaman, Derek Hauske, Thomas Keech, Adam Li, Kanning Lieberman, Steven Morelli, Lisa O'Connell, Robert Olaleye, Michael Pratzon, David Sasser, Jonathan Tribulski, Jennifer Velasco, Cheryl Mae Weathers, Brian

In Attendance (Teleconference):

Ainspan, Malcolm Benchek, Jim Bolan, Martin Bonner (ES), Charles Bryson, Mike Campbell, Bruce Carro, Dan Citrolo, John Dessender, Harry Dugan, Chuck Filomena, Guy Fitch, Neal Gates, Terry Griffiths, Dan Haynes, Greg Hoatson, Tom Hopkins (ES), Sandra Horowitz, Shira Horstmann, John Johnson, Carl Kelly, Stephen Kimmel, David Lacy, Catharine Liang-Nicol, Cecilia Libbos, Robin Mabry, David

Monitoring Analytics, LLC **PJM Interconnection** Potomac Electric Power Company PJM Interconnection, LLC PJM Interconnection, LLC **PJM Interconnection** IMG Midstream LLC **GT** Power Group PJM Interconnection, LLC PJM Interconnection, LLC **PJM Interconnection** Old Dominion Electric Cooperative PJM Interconnection, LLC Main Line Electricity Market Consultants PJM Interconnection, LLC **GT** Power Group Customized Energy Solutions, Ltd.* PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC

Not Applicable None **Electric Distributor** Not Applicable Not Applicable Not Applicable Generation Owner **Transmission Owner** Not Applicable Not Applicable None Electric Distributor Not Applicable None Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable

Energy Curtailment Specialists, Inc. FirstEnergy Solutions Corporation FirstEnergy Solutions Corporation **Dominion Virginia Power** PJM Interconnection, LLC EnergyConnect, Inc. **Dominion Virginia Power** PSEG Energy Resources and Trade LLC Customized Energy Solutions, Ltd.* East Kentucky Power Cooperative, Inc. Customized Energy Solutions, Ltd.* NRG Power Marketing LLC Appalachian Power Company Consumer Advocates of PJM States Energy Authority, Inc. (The) Riverside Generating, LLC **Dominion Virginia Power** PJM Interconnection, LLC Dayton Power & Light Company (The) Customized Energy Solutions, Ltd.* Brookfield Energy Marketing LP PJM Interconnection, LLC **Dominion Virginia Power** Allegheny Power (MonPwr Gen) Allegheny Power McNees Wallace & Nurick LLC

Other Supplier Transmission Owner Transmission Owner Not Applicable Not Applicable Other Supplier Not Applicable **Transmission Owner** Not Applicable **Transmission Owner** Not Applicable Generation Owner Transmission Owner Not Applicable Other Supplier Other Supplier Not Applicable Not Applicable Transmission Owner Not Applicable Other Supplier Not Applicable Not Applicable None Transmission Owner Not Applicable



Draft Meeting Minutes

Mancuso, Melanie Markiewicz, Cindy Marton, David Ondayko, Brock Owens, Christina Patten, Kevin Peoples, John Price, Ruth Rainey, John Scarpignato, Dave Summers, Theodore Trayers, Barry Weghorst (pplep), Bradley Wetzel, Ray Yu, Joel Budney, Dave Ciabattoni, Joe DiNicola, Laura Martini, Danielle Phillips, Amanda Rajan, Abhijit Sock, Bryan Stadelmeyer, Rebecca Weghorst, Brad

Author: Cheryl Mae Velasco

Allegheny Power Allegheny Power FirstEnergy Solutions Corporation Appalachain Power Company North Carolina Electric Membership Corporation Appalachain Power Company Duquesne Light Company Division of the Public Advocate of the State of Delaware Northern Virginia Electric Cooperative Direct Energy Business, LLC PSEG Energy Resources and Trade LLC Citigroup Energy, Inc. PPL EnergyPlus, L.L.C. Constellation Energy Commodities Group, Inc. Rockland Electric Company PJM Interconnection, LLC PJM Interconnection, LLC FirstEnergy Solutions Corporation PJM Interconnection, LLC Southern Maryland Electric Cooperative **Dominion Virginia Power** PSEG Energy Resources and Trade LLC Exelon Business Services Company, LLC PPL EnergyPlus, L.L.C.

Transmission Owner **Transmission Owner Transmission Owner Transmission Owner** Electric Distributor Transmission Owner Transmission Owner End User Customer **Electric Distributor** Other Supplier Transmission Owner Other Supplier Transmission Owner Other Supplier **Transmission Owner** Not Applicable Not Applicable **Transmission Owner** Not Applicable **Electric Distributor** Not Applicable **Transmission Owner** Transmission Owner Transmission Owner