

Demand Response Subcommittee Final Proposal Report

August 6, 2014

Issue Summary

DR Annual Maintenance Outage Reporting Process Problem Statement Issue Charge Problem Statement brought forward by PJM Problem Statement/Issue Charge approved at January 8, 2014, MIC Number of Meetings covering this topic: 9

1. Recommended Proposal

Consensus was reached on the process of requesting a maintenance outage between October and April for DR registrations with an Annual Product. The maintenance can be for a device or generator that cannot be reasonably scheduled outside of the availability window or if a CSP's dispatch system is undergoing maintenance. The duration of an outage is between one and thirty days, outage requests must be at least four business days in advance and outage cancellations may be made by the CSP prior to the start of the maintenance or by PJM one day prior to the start of the maintenance if system conditions warrant. An outage for the CSP dispatch system maintenance may only be performed on a weekend and may only last one day. If PJM has an emergency event and CSP has approved outages then CSP capacity commitment used to measure compliance will be reduced based on registration's share of capacity commitment for linked DR resource

Appendix I: Proposals Not Meeting the Threshold

None

Appendix II: Supplemental Documents

Options and Solutions Matrix

Manual 18 Draft Revisions

Appendix III: Stakeholder Participation

| Rutigliano, Tom | Achieving Equilibrium LLC |
|-----------------|--------------------------------------|
| Brown, Jeffrey | AEP Service Corp |
| Baran, Eric | Allegheny Electric Cooperative, Inc. |
| Feliks, Kent | American Electric Power |
| Moose, Daniel | American Electric Power |

Other Supplier Not Applicable Electric Distributor Transmission Owner Transmission Owner



Norton, Chris Ondayko, Brock Cox, Edward Weinstein, Michael Richard, Drew Bloom, David McDaniel, John Urbin, Greg Dugan, Bill Gockley, Beatrice Kopon, Owen Haugen, Joe Markie, Cindy Miller, John Dugan, Bill Filomena, Guy Johnson, Carl Horstmann, John Farber, John White, Barbara Erbrick, Michael Maucher, Andrea Feierabend, Rick Lacy, Catharine Edwards, Todd Cornett, Stephanie Mancha, Nathan Ainspan, Malcolm Campbell, Bruce Martin, Andrew Guerry, Katie Baxter, Ian Baxter, Ian Miyaji, Wendell Whitman, Robert Klink, Troy Borgatti, Michael Hagaman, Derek

American Municipal Power, Inc. Appalachain Power Company Appalachian Power Company Appalachian Power Company (AEP Generation) Auto-grid.com Baltimore Gas and Electric Company Baltimore Gas and Electric Company Baltimore Gas and Electric Company bdugan@ces-ltd.com beatrice.gockley@jci.com Brickfield, Burchette, Ritts & Stone, P.C. Buckeye Power, Inc. cmarkie@firstenergycorp.com Commonwealth Edison Company Customized Energy Solutions, Ltd.* Customized Energy Solutions, Ltd.* Customized Energy Solutions, Ltd.* Dayton Power & Light Company (The) **DE Public Service Commission** Demand Response Software DhastCo.LLC Division of the Public Advocate of the State of Delaware Dominion Virginia Power **Dominion Virginia Power** Dominion Virginia Power (EDC) East Kentucky Power Cooperative, Inc. EDF Trading North America, LLC Energy Curtailment Specialists, Inc. EnergyConnect, Inc. Energyhub.net EnerNOC, Inc. Enerwise Global Technologies, Inc. Enerwise Global Technologies, Inc. Enerwise Global Technologies, Inc. Enerwise Global Technologies, Inc. FirstEnergy Corporation Gable and Associates GT Power Group

Flectric Distributor Transmission Owner Transmission Owner Transmission Owner None Transmission Owner Transmission Owner Transmission Owner 108.16.120.57 198.36.94.35 Not Applicable Electric Distributor 205.132.76.4 Transmission Owner Not Applicable Not Applicable Not Applicable Transmission Owner Not Applicable Not Applicable Not Applicable End User Customer Not Applicable Not Applicable Not Applicable Transmission Owner Other Supplier Other Supplier Other Supplier Not Applicable Other Supplier Other Supplier Other Supplier Other Supplier Other Supplier Transmission Owner Not Applicable Transmission Owner



Pratzon, David **GT** Power Group Not Applicable Polakowski, Ray Hess Corporation Other Supplier Webster, John Icetec.com, Inc Not Applicable Schum, Alice Illinois Municipal Electric Agency Electric Distributor Guistwhite, Jeff Johnson Controls Not Applicable Other Supplier Fiano, Anna KeyTex Energy, LLC Mosier, Kevin Maryland Public Service Commission Not Applicable McNees Wallace & Nurick LLC Mabry, Dave Not Applicable Metropolitan Edison Company Transmission Owner Wehr, Christopher Not Applicable Chen, Xu Monitoring Analytics, LLC Marzewski, Skyler Monitoring Analytics, LLC Not Applicable Feldman, Brett Navigant Consulting Not Applicable NetPeak Energy Group LLC Gantzer, Tom Other Supplier New York ISO Kirkpatrick, Roger Not Applicable New York Power Authority Kogut, George Other Supplier Huston, Jackie North America Power Partners LLC Other Supplier Nguyen, John Northern Virginia Electric Cooperative **Flectric Distributor** Generation Owner Fitch, Neal NRG Power Marketing LLC End User Customer Mariam, Yohannes Office of the Peoples Counsel for the District of Columbia Alston, Rick **Flectric Distributor** Old Dominion Electric Cooperative Lopez, Alex Opower.com Not Applicable Carmean, Gregory OPSI Not Applicable Anders, David PJM Interconnection, LLC Not Applicable Bruno, Patrick PJM Interconnection, LLC Not Applicable PJM Interconnection, LLC Furey, Marie Not Applicable Horowitz, Shira PJM Interconnection, LLC Not Applicable Langbein, Peter (Chair) PJM Interconnection, LLC Not Applicable Manion, Evelyn PJM Interconnection, LLC Not Applicable O'Neill, John PJM Interconnection, LLC Not Applicable Shparber, Steve PJM Interconnection, LLC Not Applicable Sobotka, Michael PJM Interconnection, LLC Not Applicable Yeaton, Andrea (Secretary) PJM Interconnection, LLC Not Applicable Brodbeck, John Potomac Electric Power Company Electric Distributor Flectric Distributor DeNavas, Joseph Potomac Electric Power Company Hartman, Gary PPL Electric Utilities Corp. dba PPL Utilities Transmission Owner Transmission Owner Greening, Michele PPL EnergyPlus, L.L.C. Maher, Mollie PPL EnergyPlus, L.L.C. Transmission Owner Citrolo, John PSEG Energy Resources and Trade LLC Transmission Owner



Prendergast, Michael Heizer, Fred Heizer, Fred Fernandes, John Hoatson, Tom Lyser, Shelly Trevino, Rita Scoglietti, Barbara Hendrix, Chris Public Service Electric & Gas Company Public Utilities Commission of Ohio Public Utilities Commission of Ohio RES Americas Riverside Generating, LLC Rockland Electric Company Siemens Industry, Inc. Tangent Energy Solutions, Inc. Texas Retail Energy, LLC Transmission Owner Not Applicable Not Applicable Other Supplier Transmission Owner Other Supplier Other Supplier Other Supplier