Demand Response Subcommittee  
PJM Conference and Training Center  
June 14, 2017  
9:30 a.m. – 11:45 p.m. EPT

Administration

1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
   A. Roll was called.
   B. Minutes from the 05/11/2017 meeting were approved as final without any changes.
   C. An additional agenda item was identified:
      a. Mr. Jack O'Neill, PJM, discussed the PA Act 129 event that occurred yesterday. The utilities notified PJM of reductions the day before to help with planning and it went smoothly.
   D. Brief update/discussion of DR related activity in other stakeholder groups
      a. MIC – 1) Open Registration did not move forward 2) Problem statement for PRD was approved.
      b. SCRST – Scott Bakers’s Seasonal Capacity Resources Senior Task Force will be sunset but problem statement regarding operational value of seasonal resources that do not participate in capacity market may be proposed.
      c. MC Webinar next week – Pete Langbein will review his recently published DR Strategy paper.

Review of key Load Management Operational Activities

2. Mr. Jack O'Neill, PJM, provided reminders of key activities for Load Management process: timing of Expected Reductions data submission and scheduling of Test/Re-Tests.

Review of New DR CP Load Management Nomination Process

3. Ms. Andrea Yeaton, PJM, reviewed experience from new DR CP capacity nomination process which included CSP submission of Winter Peak Load and Winter Managed Load fields that were added to DR Hub on May 15th. The process went very well with minimal questions from CSPs on the process. Some valuable feedback was given on the registration process with respect to entering the RPM Resource field. Members are encouraged to send any feedback on this process or DR Hub to DRHubSupport@pjm.com or demand_response_operations@pjm.com.

PRD Review for CP Requirements

4. Ms. Terri Esterly, PJM, provided education on how PRD works with customers switching their LSE. Examples were given with the LSE as the PRD Provider and when they were not the PRD Provider. Mr. Pete Langbein, PJM, reviewed a comparison of PRD and Capacity Performance across various
areas such as Revenue, Registrations, Verification and Penalties, Testing and Add Backs. User Interests for this specific issue were also collected.

**Review DR Hub Enhancements for Late June Release**

5. Ms. Andrea Yeaton and Mr Glenn Long, PJM, reviewed the DR Hub enhancements that will be deployed in late June. These included support for the CBL Method 3 Day Types with WSA (weather sensitive adjustment), tasks due with 2 days are highlighted in red color and several defect fixes.

**Max Load Reduction for Reporting**

6. Ms. Masha Nyemko, PJM, reviewed an opportunity to reduce DR energy offer data input errors in Markets Gateway. The proposed solution will use the maximum load reduction input by CSPs in DR Hub for each registration to limit DR energy offers in Markets Gateway. A followup to this item is scheduled for the next DRS before implementation plans begin.

**Future Agenda Items**

Participants will have the opportunity to request the addition of any new item(s) to the agenda of a future meeting.

**Future Meeting Dates**

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Monday</td>
<td>7/17/2017</td>
<td>9:30 am – 12:00 pm</td>
<td>PJM Conference &amp; Training Center/ Webex</td>
</tr>
<tr>
<td>Tuesday</td>
<td>8/29/2017</td>
<td>9:30 am – 4:00 pm</td>
<td>PJM Conference &amp; Training Center/ Webex</td>
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<td>Friday</td>
<td>9/22/2017</td>
<td>9:30 am – 4:00 pm</td>
<td>PJM Conference &amp; Training Center/ Webex</td>
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<tr>
<td>Monday</td>
<td>10/30/2017</td>
<td>9:30 am – 4:00 pm</td>
<td>PJM Conference &amp; Training Center/ Webex</td>
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<td>Wednesday</td>
<td>11/15/2017</td>
<td>9:30 am – 4:00 pm</td>
<td>PJM Conference &amp; Training Center/ Webex</td>
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<td>Friday</td>
<td>12/8/2017</td>
<td>9:30 am – 4:00 pm</td>
<td>PJM Conference &amp; Training Center/ Webex</td>
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**In Attendance**

<table>
<thead>
<tr>
<th>Name</th>
<th>Company/Role</th>
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</thead>
<tbody>
<tr>
<td>Langbein, Peter</td>
<td>PJM Interconnection, LLC</td>
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<tr>
<td>Yeaton, Andrea</td>
<td>PJM Interconnection, LLC</td>
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<tr>
<td>Esterly, Theresa</td>
<td>PJM Interconnection, LLC</td>
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<tr>
<td>Foladare, Kenneth</td>
<td>Tangibl</td>
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<tr>
<td>Kauffman, Brian</td>
<td>NRG Curtailment Solutions</td>
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<tr>
<td>Kogut, George</td>
<td>New York Power Authority</td>
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<tr>
<td>Long, Glenn</td>
<td>PJM Interconnection, LLC</td>
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<tr>
<td>Marzewski, Skyler</td>
<td>Monitoring Analytics, LLC</td>
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<tr>
<td>Nyemko, Masha</td>
<td>PJM Interconnection, LLC</td>
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<tr>
<td>Pratzon, David</td>
<td>GT Power Group</td>
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<tr>
<td>McAnany, Jim</td>
<td>PJM Interconnection, LLC</td>
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<td>O'Neill, Jack</td>
<td>PJM Interconnection, LLC</td>
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**In Attendance via WebEx / Teleconference**

<table>
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<tr>
<td>Austin, Larry</td>
<td>PJM Interconnection, LLC</td>
</tr>
<tr>
<td>Benchek, Jim</td>
<td>FirstEnergy Solutions Corp.</td>
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<tr>
<td>Campbell, Bruce</td>
<td>EnergyConnect, Inc.</td>
</tr>
<tr>
<td>Carmean, Greg</td>
<td>OPSI</td>
</tr>
<tr>
<td>Chintapalli, Raj</td>
<td>BP Energy Company</td>
</tr>
<tr>
<td>Cornett, Stephanie</td>
<td>East Kentucky Power Cooperative, Inc.</td>
</tr>
<tr>
<td>Cox, Edward P.</td>
<td>Appalachian Power Company</td>
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<tr>
<td>DeLosa, Joseph</td>
<td>DE Public Service Commission</td>
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<td>Transmission Owner</td>
</tr>
<tr>
<td>Campbell, Bruce</td>
<td>Other Supplier</td>
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<tr>
<td>Carmean, Greg</td>
<td>Not Applicable</td>
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</table>
Dickson, Douglas
Dugan, Chuck
Ehrichs, Lisa
Farber, John
Fiano, Anna
Fitch, Neal
Foust, Wolfgang
Gebolys, Debbie
Greiner, Gary
Guerry, Katie
Hagaman, Derek
Hoatson, Tom
Horstmann, John
Hudis, Gabriella
Hyzinski, Tom
Johnson, Carl
Kaczanowski, Marek
Kier, Laura
Klink, Troy
Kolo, Elta
Lee, Lori Murphy
Mabry, David
Malkin, David
Marton, David
Marzewski, Skyler
McDaniel, John
McGuirk, Brian
Midgley, Sharon
Miller, John
Murphy Lee, Lori
Ondayko, Brock
Peoples, John
Pisarcik, Dave
Polka, Joseph
Powers, Sean
Rothey, Kristin
Rutigliano, Tom
Sasser, Jonathan
Schreim, Morris
Scoglietti, Barbara
Stein, Edward
Treviso, Rita
York, Amy
Zephyr, Frantz

New Jersey Board of Public Utilities
East Kentucky Power Cooperative, Inc.
Duke Energy Business Services LLC
DE Public Service Commission
KeyTex Energy, LLC
NRG Power Marketing LLC
NuEnergen, LLC
Public Utilities Commission of Ohio (The)
PSEG Energy Solutions LLC
EnerNOC, Inc.
GT Power Group
LS Power Development, LLC
Dayton Power & Light Company (The)
Gabel & Associates
GT Power Group
Customized Energy Solutions, Ltd.*
Baltimore Gas and Electric Company
FirstEnergy Solutions Corp.
PJM Interconnection, LLC
McNees Wallace & Nurick LLC
KOREnergy, Ltd.
FirstEnergy Solutions Corp.
Monitoring Analytics, LLC
Baltimore Gas and Electric Company
Direct Energy Business Marketing, LLC
Exelon Business Services Company, LLC
Commonwealth Edison Company
PJM Interconnection, LLC
Appalachain Power Company
Duquesne Light Company
Customized Energy Solutions, Inc.
Duquesne Light Company
Linde Energy Services, Inc.
American Municipal Power, Inc.
Achieving Equilibrium LLC
Customized Energy Solutions, Ltd.*
Maryland Public Service Commission
Tangent Energy Solutions, Inc.
Pennsylvania Electric Company
Siemens Industry, Inc.
McNees, Wallace and Nurick LLC
Public Service Electric & Gas Company

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

Provide feedback on the progress of this group: Facilitator Feedback Form
Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM’s role.