



Seasonal Capacity Resources Senior Task Force (SCRSTF)
PJM Conference and Training Center
August 12, 2016
9:30 a.m. – 4:00 p.m. EPT
Meeting #10

#### Administration

- 1. Mr. Scott Baker opened the meeting and reviewed the agenda.
- 2. Ms. Bhavana Keshavamurthy reviewed the meeting guidelines, performed roll call and reviewed the draft minutes of the August 1 meeting. Minutes were approved and posted as final.

### Aggregation Business Rules Proposal

- Mr. Jeff Bastian, PJM, presented updated examples to explain PJM's resource aggregation proposal.
   An Informational document containing proposed aggregation business rules is available on the 8/12/16 SCRSTF webpage
- 4. Mr. Aaron Berner, PJM, provided an update on the feasibility of implementing Winter CIRs for the next BRA auction.

### Matrix Review

- 5. All package sponsors gave a high-level overview of their individual packages and responded to questions. Ms. Keshavamurthy made updates to the matrix as requested.
  - a. PJM will label each package with a non-company-specific title going forward. These titles will be added to the matrix prior to the next meeting.

#### Non-binding poll and Next Steps

- 6. Mr. Baker reviewed polling questions and took suggestions from stakeholder on rewording and adding questions.
  - a. A poll will be sent out on Tuesday (August 16) and will be open until Tuesday (August 23) at noon.

#### Action Items and Future Agenda Items

| Future Meeting Dates  |   |   |
|---|---|---|
| August 26, 2016<br>September 8, 2016<br>September 23, 2016<br>October 14, 2016<br>October 26, 2016<br>November 16, 2016<br>November 29, 2016<br>December 19, 2016 | 9:00 a.m. – 12:00 p.m.<br>9:30 a.m. – 4:00 p.m. | PJM Conference & Training Center/ WebEx |
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### In Attendance (In Person)

| Last Name     | First Name | Company                                  | Sector               |
|---------------|------------|--|----------------------|
| Baker         | Scott      | PJM Interconnection, LLC                 | Not Applicable       |
| Bastian       | Jeff       | PJM Interconnection, LLC                 | Not Applicable       |
| Berner        | Aaron      | PJM Interconnection, LLC                 | Transmission Owner   |
| Borgatti      | Michael    | Gabel and Associates                     | Not Applicable       |
| Bruce         | Susan      | McNees Wallace & Nurick LLC              | Not Applicable       |
| Bruno         | Pat        | PJM Interconnection, LLC                 | Not Applicable       |
| Callis        | Joe        | PJM Interconnection, LLC                 | Not Applicable       |
| Campbell      | Bruce      | EnergyConnect, Inc.                      | Other Supplier       |
| Carmean       | Gregory    | OPSI                                     | Not Applicable       |
| Chen          | Jennifer   | Natural Resources Defense Council        | Not Applicable       |
| Fabiano       | Janell     | PJM Interconnection, LLC                 | Not Applicable       |
| Falin         | Tom        | PJM Interconnection, LLC                 | Not Applicable       |
| Fitch         | Neal       | NRG Power Marketing LLC                  | Generation Owner     |
| Foster        | Joshua     | PJM Interconnection, LLC                 | Not Applicable       |
| Guerry        | Katie      | EnerNOC, Inc.                            | Other Supplier       |
| Hendrzak      | Chantal    | PJM Interconnection, LLC                 | Not Applicable       |
| Johnson       | Carl       | Customized Energy Solutions, Ltd.*       | Not Applicable       |
| Kerecman      | Joe        | Calpine Energy Services                  | Generation Owner     |
| Keshavamurthy | Bhavana    | PJM Interconnection, LLC                 | Not Applicable       |
| Kilgallen     | Kevin      | Iberdrola                                | Generation Owner     |
| Kogut         | George     | New York Power Authority                 | Other Supplier       |
| Lieberman     | Steven     | Old Dominion Electric Cooperative        | Electric Distributor |
| Loomis        | Harold     | PJM Interconnection, LLC                 | Not Applicable       |
| Marzewski     | Skyler     | Monitoring Analytics, LLC                | Not Applicable       |
| Matheson      | Eric       | Pennsylvania Public Utility Commission   | Not Applicable       |
| O'Connell     | Robert     | Main Line Electricity Market Consultants | Not Applicable       |
| Pratzon       | David      | GT Power Group                           | Not Applicable       |
| Rocha-Garrido | Patricio   | PJM Interconnection, LLC                 | Not Applicable       |
| Tribulski     | Jennifer   | PJM Interconnection, LLC                 | Not Applicable       |
| Scarpignato   | David      | Calpine Energy Services, L.P.            | Generation Owner     |
| Scheidecker   | Paul       | PJM Interconnection, LLC                 | Not Applicable       |
| Stadelmeyer   | Rebecca    | PJM Interconnection, LLC                 | Not Applicable       |
| Whitehead     | Jeffrey    | Direct Energy Business Marketing, LLC    | Other Supplier       |
| Wilson        | James      | Wilson Energy Economics                  | Not Applicable       |

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### In Attendance (WebEx / Teleconference)

| Last Name  | First Name | Company   | Sector               |
|------------|------------|---|----------------------|
| Abdelhamid | Nadeen     | North Carolina Electric                             | Electric Distributor |
| Ainspan    | Malcolm    | Energy Curtailment Specialists, Inc.                | Other Supplier       |
| Bencheck   | Jim        | First Energy Solutions Corp.                        | Not Applicable       |
| Bhavaraju  | Murty      | PJM Interconnection, LLC                            | Not Applicable       |
| Boyle      | Glen       | PJM Interconnection, LLC                            | Not Applicable       |
| Brodbeck   | John       | EDP Renewables North America, LLC                   | Other Supplier       |
| Bryson     | Mike       | PJM Interconnection, LLC                            | Not Applicable       |
| Bunch      | Kevin      | EDF Trading North America, LLC                      | Other Supplier       |
| Campbell   | Bruce      | Energy Connect Inc                                  | Other Supplier       |
| Coll       | Dan        | PJM Interconnection, LLC                            | Not Applicable       |
| Cummings   | Brigid     | PJM Interconnection, LLC                            | Not Applicable       |
| Davis      | Connie     | City of Cleveland, DPU, Div of Cleveland Public Pwr | Electric Distributor |
| DeLosa     | Joseph     | DE Public Service Commission                        | Not Applicable       |
| Diamond    | Erika      | Energy Hub  | Not Applicable       |
| Domian     | Christin   | Duquesne Light                                      | Other Supplier       |
| Doremus    | Steven     | EnerNOC, Inc.                                       | Other Supplier       |
| Dugan      | Chuck      | East Kentucky Power                                 | Transmission Owner   |
| Eber       | Jim        | Exelon Business Services Company, LLC               | Transmission Owner   |
| Esposito   | Pati       | TransCanada Power Marketing Ltd.                    | Other Supplier       |
| Farber     | John       | DE Public Service Commission                        | Not Applicable       |
| Feierabend | Rick       | Dominion Virginia Power                             | Not Applicable       |
| Feldman    | Brett      | Navigant Consulting, Inc.                           | Not Applicable       |
| Filomena   | Guy        | Customized Energy Solutions Ltd*                    | Not Applicable       |
| Foladare   | Kenneth    | IMG Midstream LLC                                   | Generation Owner     |
| Gilani     | Rehan      | ConEdison Energy, Inc.                              | Other Supplier       |
| Gledhill   | Andrew     | PJM Interconnection, LLC                            | Not Applicable       |
| Greening   | Michele    | Talen Energy Marketing, LLC                         | Generation Owner     |
| Greiner    | Gary       | PSEG Energy Resources and Trade LLC                 | Other Supplier       |
| Griffiths  | Dan        | Consumer Advocates of PJM States                    | Not Applicable       |
| Heise      | Randi      | Dominion Virginia Power                             | Not Applicable       |
| Hoatson    | Tom        | Riverside Generating, LLC                           | Other Supplier       |
| Horstmann  | John       | Dayton Power & Light Company (The)                  | Transmission Owner   |
| Horton     | Dana       | Appalachian Power Company                           | Transmission Owner   |
| Hudis      | Gabriella  | Jersey Green Energy                                 | Other Supplier       |
| Hyzinksi   | Tom        | Talen Energy Marketing, LLC                         | Generation Owner     |
| Jablonski  | James      | Borough of Butler, Butler Electric Division         | Electric Distributor |
| Jardot     | Gina       | Essential Power Rock Springs                        | Transmission Owner   |
| Jacobs     | Mike       | Xtreme Power  | Not Applicable       |

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| Kaczanowski      | Marek       | Baltimore Gas and Electric Company     | Transmission Owner   |
|------------------|-------------|--|----------------------|
| Kauffman         | Brian       | NRG Curtailment Solutions              | Other Supplier       |
| Karrasch         | Kim         | Interstate Gas Supply, Inc.            | Other Supplier       |
| Kolo             | Elta        | GTM                                    | Not Applicable       |
| Lacy             | Catharine   | Dominion Virginia Power                | Not Applicable       |
| LeBris Erffmeyer | Jacques     | Illinois Citizens Utility Board        | End User Customer    |
| Lieberman        | Steven      | Old Dominion Electric Cooperative      | Electric Distributor |
| Mabry            | David       | McNees Wallace & Nurick LLC            | Not Applicable       |
| McCaffree        | Matthew     | Comverge Inc.                          | Not Applicable       |
| Marton           | David       | FirstEnergy Solutions Corp.            | Transmission Owner   |
| McGuirk          | Brian       | Direct Energy Business Marketing, LLC  | Other Supplier       |
| Miller           | John        | Commonwealth Edison Company            | Transmission Owner   |
| Ondayko          | Brock       | Appalachain Power Company              | Transmission Owner   |
| Peoples          | John        | Duquesne Light Company                 | Transmission Owner   |
| Reynolds         | John        | PJM Interconnection, LLC               | Not Applicable       |
| Rohrbach         | John        | Southern Maryland Electric Cooperative | Electric Distributor |
| Rugh             | Chris       | EverPower Commercial Services, LLC     | Generation Owner     |
| Rushing          | Nathan      | CPV Maryland, LLC                      | Generation Owner     |
| Rutigliano       | Tom         | Earth Networks                         | Other Supplier       |
| Sasser           | Jonathan    | Customized Energy Solutions, Ltd.*     | Not Applicable       |
| Schneider        | Jon         | First Energy Corp                      | Transmission Owner   |
| Scoglietti       | Barbara     | Tangent Energy Solutions, Inc.         | Other Supplier       |
| Shanker          | Roy         | Hydro Quebec                           | Not Applicable       |
| Sillin           | John        | The Federal Energy                     | Not Applicable       |
| Wehr             | Christopher | Metropolitan Edison Company            | Transmission Owner   |
| Wiegan-Jackson   | Laurie      | North America Power Partners LLC       | Other Supplier       |
| Wisersky         | Megan       | Madison Gas and Electric Company       | Other Supplier       |
| Yu               | Joel        | Rockland Electric Company              | Transmission Owner   |
| Zilliox          | Skylar      | RES America Developments Inc           | Generation Owner     |