



DRAFT
Minutes
PJM Interconnection
Markets and Reliability Committee
The Chase Center on the Riverfront, Wilmington, DE
November 29, 2012
9:00 a.m. – 1:00 p.m.

Chair/Secretary:

| | | | |
|--------|--------|---|----------------|
| Anders | Dave | PJM Interconnection, LLC | Not Applicable |
| Ott | Andrew | PJM Interconnection, LLC (Acting for 11/29/2012 Only) | Not Applicable |

Voting Members Present:

| Last Name | First Name | Company | Sector |
|--------------|------------|--|----------------------|
| Ainspan | Malcolm | Energy Curtailment Specialists, Inc. | Other Supplier |
| Arnold | Maggie | JAS Energy, LLC | Other Supplier |
| Barker | Jason | Exelon Business Services Company, LLC | Transmission Owner |
| Bassett | Jeffrey | BP Energy Company | Other Supplier |
| Batta | Michael | Virginia Electric & Power Company | Transmission Owner |
| Bleiweis | Bruce | DC Energy LLC | Other Supplier |
| Breidenbaugh | Aaron | EnerNOC, Inc. | Other Supplier |
| Brodbeck | John | Potomac Electric Power Company | Electric Distributor |
| Bruce | Susan | Rep.'g Air Liquide Industrial U.S., LP | End Use Customer |
| Bruce | Susan | Rep.'g Air Products & Chemicals, Inc. | End Use Customer |
| Bruce | Susan | Rep.'g Castlebridge Energy Group, LLC | Other Supplier |
| Bruce | Susan | Rep.'g Gerdau Ameristeel Energy, Inc. | Other Supplier |
| Bruce | Susan | Rep.'g Industrial Energy Users-Ohio | Other Supplier |
| Bruce | Susan | Rep.'g Kimberly-Clark Corporation | Generation Owner |
| Bruce | Susan | Rep.'g Lehigh Portland Cement Company | End Use Customer |
| Bruce | Susan | Rep.'g Letterkenny Industrial Development Authority | Electric Distributor |
| Bruce | Susan | Rep.'g Linde LLC | End Use Customer |
| Bruce | Susan | Rep.'g MeadWestvaco Corporation | End Use Customer |
| Bruce | Susan | Rep.'g Praxair, Inc. | End Use Customer |
| Bruce | Susan | Rep.'g Procter & Gamble Paper Products Company (The) | End Use Customer |
| Bruce | Susan | Rep.'g RG Steel Sparrows Point, LLC | End Use Customer |
| Bruce | Susan | Rep.'g Sunoco, Inc. (R&M) | End Use Customer |
| Bruce | Susan | Rep.'g Trustees of the U of PA, dba University of Pennsylvania | End Use Customer |
| Bruce | Susan | Rep.'g Wellsboro Electric Company (pre-2008) | Electric Distributor |
| Campbell | Bruce | EnergyConnect, Inc. | Other Supplier |
| Carmell | Matthew | Scylla Energy LLC | Other Supplier |
| Citrolo | John | Public Service Electric & Gas Company | Transmission Owner |
| Cox | Jason | Dynegy Marketing & Trade, LLC | Generation Owner |
| Erbrick | Michael | EDF Trading North America, LLC | Other Supplier |



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| Esposito | Patricia | NRG Power Marketing LLC | Generation Owner |
| Evrard | David | Pennsylvania Office of Consumer Advocate | End Use Customer |
| Fahey | Reem | Edison Mission Marketing and Trading, Inc. | Generation Owner |
| Fields | William | Maryland Office of Peoples Counsel | End Use Customer |
| Fisher | Amy | Homer City Generation, L.P. | Generation Owner |
| Fort | Jim | Energy Authority, Inc. (The) | Other Supplier |
| Francis | Frank | Brookfield Energy Marketing LP | Other Supplier |
| Frost | Jodi | Moxie Liberty LLC | Other Supplier |
| Fuess | Jay | Rep.'g Diamond State Generation Partners, LLC | Generation Owner |
| Fuess | Jay | Rep.'g Energy Consulting Services LLC | Other Supplier |
| Fuess | Jay | Rep.'g Evraz Claymont Steel | Other Supplier |
| Fuess | Jay | Rep.'g Icetec.com, Inc. | Other Supplier |
| Fuess | Jay | Rep.'g Kuehne Chemical Company, Inc. | Other Supplier |
| Fuess | Jay | Rep.'g PBF Power Marketing LLC | Generation Owner |
| Gates | Kenneth | Rep.'g Atlantic Grid Operations A, LLC | Other Supplier |
| Gates | Kenneth | Rep.'g Primary Power LLC | Other Supplier |
| Gil | David | NextEra Energy Power Marketing, LLC | Generation Owner |
| Gill | Richard | UGI Utilities, Inc. | Transmission Owner |
| Greening | Michele | PPL EnergyPlus, L.L.C. | Transmission Owner |
| Griffiths | Dan | Enerwise Global Technologies, Inc. | Other Supplier |
| Guerry | Katie | Hess Corporation | Other Supplier |
| Hebert | Damase | Rep.'g Covanta Energy Group, Inc. | Generation Owner |
| Hebert | Damase | Rep.'g Jersey Green Energy LLC | Other Supplier |
| Hebert | Damase | Rep.'g RC Cape May Holdings, LLC | Generation Owner |
| Hebert | Damase | Rep.'g Richland-Stryker Generation LLC | Generation Owner |
| Hirsch | Stephen | Rep.'g Downes Associates, Inc. | Other Supplier |
| Hirsch | Stephen | Rep.'g Mont Alto, PA (Borough of) | Electric Distributor |
| Hirsch | Stephen | Rep.'g Thurmont, MD (Town of) | Electric Distributor |
| Horstmann | John | Dayton Power and Light Company (The) | Transmission Owner |
| Horton | Dana | Appalachian Power Company (AEP Generation) | Transmission Owner |
| Huis | Diane | North Carolina Electric Membership Corporation | Electric Distributor |
| Jennings | Ken | Duke Energy Business Services LLC | Generation Owner |
| Johnson | Carl | Long Island Lighting Company d/b/a LIPA | Other Supplier |
| Levine | Jeffrey | IPR-GDF SUEZ Energy Marketing NA, Inc. | Other Supplier |
| Lieberman | Steven | Old Dominion Electric Cooperative | Electric Distributor |
| Maye | Shelly-Ann | North America Power Partners LLC | Other Supplier |
| McAlister | Lisa | American Municipal Power, Inc. | Electric Distributor |
| Merola | Becky | Noble Americas Gas & Power Corp. | Other Supplier |
| Miller | Donald | FirstEnergy Solutions Corp. | Transmission Owner |
| Minalga | Jason | Invenergy, LLC | Generation Owner |
| O'Connell | Robert | JPMorgan Ventures Energy Corporation | Other Supplier |
| Ormond | Tara | CP Energy Marketing (US) Inc. | Other Supplier |
| Pakela | Greg | DTE Energy Trading, Inc. | Other Supplier |
| Patrylo | Bob | H-P Energy Resources LLC | Other Supplier |
| Picardi | Matthew | Shell Energy North America (US), LP | Other Supplier |
| Pratzon | David | Rep.'g Calpine Energy Services, L.P. | Generation Owner |
| Pratzon | David | Rep.'g Liberty Electric Power, LLC | Generation Owner |
| Price | Ruth | Division of the Public Advocate of State of Delaware | End Use Customer |



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| Quinlan | Pamela | Rockland Electric Company | Transmission Owner |
| Rainey | Frank | PEI Power Corporation | Generation Owner |
| Riding | MQ | EP Rock Springs, Inc. | Transmission Owner |
| Rohrbach | John | Rep.'g East Kentucky Power Cooperative, Inc. | Other Supplier |
| Rohrbach | John | Rep.'g Southern Maryland Electric Cooperative | Electric Distributor |
| Rohrbach | John | Rep.'g Wabash Valley Power Association, Inc. | Other Supplier |
| Rushing | Nathan | CPV Maryland, LLC | Generation Owner |
| Scarp | David | Direct Energy Business, LLC | Other Supplier |
| Schofield | William | Rep.'g Blue Ridge Power Agency, Inc. | Electric Distributor |
| Schofield | William | Rep.'g Borough of Chambersburg (DTEET) | Electric Distributor |
| Schofield | William | Rep.'g Buckeye Power, Inc. | Electric Distributor |
| Schofield | William | Rep.'g Central Virginia Electric Cooperative | Electric Distributor |
| Schofield | William | Rep.'g City of Dover, Delaware | Electric Distributor |
| Schofield | William | Rep.'g Delaware Municipal Electric Corporation | Electric Distributor |
| Schofield | William | Rep.'g Easton Utilities Commission | Electric Distributor |
| Schofield | William | Rep.'g Energy Cooperative Association of PA | Other Supplier |
| Schofield | William | Rep.'g Galt Power Inc. | Other Supplier |
| Schofield | William | Rep.'g Hagerstown Light Department | Electric Distributor |
| Schofield | William | Rep.'g Illinois Municipal Electric Agency | Electric Distributor |
| Schofield | William | Rep.'g Indiana Municipal Power Agency | Generation Owner |
| Schofield | William | Rep.'g Madison Gas & Electric Company | Other Supplier |
| Schofield | William | Rep.'g Northern Virginia Electric Cooperative (NOVEC) | Electric Distributor |
| Schofield | William | Rep.'g Williamsport, MD (Town of) | Electric Distributor |
| Schofield | William | Rep.'g WPPI Energy | Other Supplier |
| Scoglietti | Barbara | Tangent Energy Solutions, Inc. | Other Supplier |
| Scott | Ann | Tenaska Power Services Co. | Generation Owner |
| Sidhom | Noha | Rep.'g Apple Group LLC | Other Supplier |
| Sidhom | Noha | Rep.'g BJ Energy, LLC | Other Supplier |
| Sidhom | Noha | Rep.'g Dyon, LLC | Other Supplier |
| Sidhom | Noha | Rep.'g E Minus LLC | Other Supplier |
| Sidhom | Noha | Rep.'g Great Bay Energy I, LLC | Other Supplier |
| Sidhom | Noha | Rep.'g Hexis Energy Trading, LLC | Other Supplier |
| Sidhom | Noha | Rep.'g Mac Trading, Inc | Other Supplier |
| Sidhom | Noha | Rep.'g Monterey MA, LLC | Other Supplier |
| Sidhom | Noha | Rep.'g Pure Energy, Inc. | Other Supplier |
| Sidhom | Noha | Rep.'g Red Wolf Energy Trading, LLC | Other Supplier |
| Sidhom | Noha | Rep.'g Vel Energy LLC | Other Supplier |
| Stapleton | Tony | Trumpet Trading, LLC | Other Supplier |
| Staska | Stephanie | Twin Cities Energy, LLC | End Use Customer |
| Sullivan | Megan | Duquesne Light Company | Transmission Owner |
| Thomas-Friel | Felicia | New Jersey Div. of the Ratepayer Advocate | End Use Customer |
| Trayers | Barry | Citigroup Energy, Inc. | Other Supplier |
| Wadsworth | Joe | Vitol Inc. | Other Supplier |
| Wolfe | Samuel | Viridity Energy, Inc. | Other Supplier |



Non-Voting Attendees:

| Last Name | First Name | Company | Sector |
|------------------|-------------------|--|----------------------|
| Applebaum | David | NextEra Energy Power Marketing, LLC | Generation Owner |
| Bainbridge | Thomas | FirstEnergy Solutions Corporation | Transmission Owner |
| Behrens | Jason | Wolf Hills Energy, LLC | Generation Owner |
| Berger | Ken | Virginia Electric & Power Company | Transmission Owner |
| Binder | Gerry | SESCO Enterprises LLC | Other Supplier |
| Bloom | David | Baltimore Gas and Electric Company | Transmission Owner |
| Bolan | Martin | FirstEnergy Solutions Corporation | Transmission Owner |
| Brown | Kriss | Pennsylvania Public Utility Commission | Not Applicable |
| Canter | David | AEP | Transmission Owner |
| Carmean | Gregory | OPSI | Not Applicable |
| Chapman | Mike | Magnolia Energy | Generation Owner |
| Clemenhausen | Barbara | Topaz Power | Not Applicable |
| Clover | Bernita | Duquesne Light Company | Transmission Owner |
| Czigler | Frank | PSEG Energy Resources and Trade LLC | Transmission Owner |
| Dean | Gary | South Jersey Energy Company | Other Supplier |
| De Geeter | Ralph | Public Service Commission of Maryland | Not Applicable |
| Delacuyluse | Anthony | Power Cost | Not Applicable |
| Denavas | Joe | Potomac Electric Power Company | Electric Distributor |
| Ellis | Jeff | Edison Mission Marketing & Trading, Inc. | Generation Owner |
| Ellison | Alan | Grays Ferry Cogeneration Partnership | Generation Owner |
| Everngam | Scott | The Federal Energy Regulatory Commission | Not Applicable |
| Farber | John | Delaware Public Service Commission | Not Applicable |
| Filomena | Guy | Customized Energy Solutions, Ltd.* | Not Applicable |
| Gilani | Rehan | ConEdison Energy, Inc. | Other Supplier |
| Guntle | Vince | Allegheny Electric Cooperative, Inc. | Transmission Owner |
| Hall | Walter | Maryland Public Service Commission | Not Applicable |
| Hamilton | T.L. | Platts | Not Applicable |
| Hanson | Mark | Illinois Commerce Commission | Not Applicable |
| Harvey | Jenny | Konektiv | Not Applicable |
| Hastings | David | DhastCo, LLC | Not Applicable |
| Heizer | Fred | Ohio PUC | Not Applicable |
| Hitch | George | Virginia Electric and Power Company | Transmission Owner |
| Hoatson | Tom | Riverside Generating, LLC | Other Supplier |
| Howatt | Robert | Maryland Energy Administration | Not Applicable |
| Huntoon | Stephen | NextEra Energy Power Marketing, LLC | Generation Owner |
| Jett | William | Duke Energy Business Services, Inc. | Generation Owner |
| Jones | Kimberly | North Carolina Utilities Commission | Not Applicable |
| Kleppinger | David M. | McNees Wallace & Nurick LLC | Not Applicable |
| Kogut | George | FirstEnergy Solutions Corporation | Transmission Owner |
| Kopon | Owen | Brickfield, Burchette, Ritts & Stone, P.C. | Not Applicable |
| Kramskaya | Tatyana | The Federal Energy Regulatory Commission | Not Applicable |
| Kranz | Brad | NRG Power Marketing, L.L.C. | Generation Owner |
| Kuflik | Jennifer | Exelon Business Services Company, LLC | Transmission Owner |
| Lafalce | Michael | Public Service Electric & Gas Company | Transmission Owner |
| Lee | George | BJ Energy, LLC | Other Supplier |



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| Leyko | James | Maryland Public Service Commission | Not Applicable |
| Liao | Huaiwei | Louis Dreyfus Energy Services, L.P. | Other Supplier |
| Litchfield | Matthew | Competitive Power Ventures, Inc. | Not Applicable |
| Logan | Sharon | The Federal Energy Regulatory Commission | Not Applicable |
| Mahon | Christopher | The Federal Energy Regulatory Commission | Not Applicable |
| Mancuso | Marie | Baltimore Gas and Electric Company | Transmission Owner |
| Mariam | Yohannes | Office of the Peoples Counsel for the District of Columbia | Not Applicable |
| Martin | Valerie | The Federal Energy Regulatory Commission | Not Applicable |
| Marton | Dave | FirstEnergy Solutions Corporation | Transmission Owner |
| McCurley | Paul | NRECA | Not Applicable |
| McDonald | Steve | Customized Energy Solutions, Ltd.* | Not Applicable |
| McNamara | Grace | Louis Dreyfus Energy Services, L.P. | Other Supplier |
| McQueeney | Judith | Beacon Power Corporation | Other Supplier |
| Melia | James | Pennsylvania Public Utility Commission | Not Applicable |
| Miller | Jeff | XO Energy MA, LP | Other Supplier |
| Miller | John | Commonwealth Edison Company | Transmission Owner |
| Modi | Rishi | Millenium Partners | Not Applicable |
| Mount | Colin | Allegheny Energy Supply Company, L.L.C. | Transmission Owner |
| Norton | Chris | American Municipal Power, Inc. | Generation Owner |
| Ondayko | Brock | AEP | Transmission Owner |
| Orriel | Gregg | Barclays Bank, plc | Other Supplier |
| Patterson | Paul | Glenrock Associates | Not Applicable |
| Peebles | Andy | Shell Energy North America (US), LP | Other Supplier |
| Perrotti | Frank | New Jersey Board of Public Utilities | Not Applicable |
| Rotjer | Jose | ESAI Power | Not Applicable |
| Ruch | Roger | FirstEnergy Solutions Corporation | Transmission Owner |
| Schleimer | Steven | Calpine Energy Services, L.P. | Generation Owner |
| Senchak | Scott | Decade Capital LLC | Not Applicable |
| Shanker | Roy | H.Q. Energy Services (U.S.), Inc. | Other Supplier |
| Shields | Dan | Public Utilities Commission of Ohio | Not Applicable |
| Silverman | Abe | NRG Power Marketing, L.L.C. | Generation Owner |
| Singh | Harry | J. Aron & Company | Other Supplier |
| Slifer | Diane | The P3 Group | Not Applicable |
| Stadelmeyer | Rebecca | Exelon Business Services Company, LLC | Transmission Owner |
| Strifler | Dawn | ENBALA Power Networks Inc. | Other Supplier |
| Stuchell | Jeff | FirstEnergy Solutions Corporation | Transmission Owner |
| Swalwell | Brad | Tangent Energy | Other Supplier |
| Tabors | Richard | ATC | Not Applicable |
| Tatum | Ed | Old Dominion Electric Cooperative | Electric Distributor |
| Villetoro | Karen | The Federal Energy Regulatory Commission | Not Applicable |
| Weaver | David | PECO Energy Company | Transmission Owner |
| Wilkins | Afiya | Pierce Atwood LLP | Not Applicable |
| Williams | Jeff | Lamppost Consulting | Not Applicable |
| Wilson | James | Wilson Energy Economics | Not Applicable |
| Wisersky | Megan | Madison Gas & Electric Company | Other Supplier |
| Yu | Haibin | Calpine Energy Services, L.P. | Generation Owner |



PJM Attendees:

| Last Name | First Name | Company | Sector |
|------------------|-------------------|--------------------------|----------------|
| Aucoin | Daryn | PJM Interconnection, LLC | Not Applicable |
| Austin | Larry | PJM Interconnection, LLC | Not Applicable |
| Baker | Scott | PJM Interconnection, LLC | Not Applicable |
| Bastian | Jeff | PJM Interconnection, LLC | Not Applicable |
| Boston | Terry | PJM Interconnection, LLC | Not Applicable |
| Boyle | Stephen | PJM Interconnection, LLC | Not Applicable |
| Bresler | Stu | PJM Interconnection, LLC | Not Applicable |
| Bryson | Michael | PJM Interconnection, LLC | Not Applicable |
| Burdis | Tim | PJM Interconnection, LLC | Not Applicable |
| Burlew | Sarah | PJM Interconnection, LLC | Not Applicable |
| Chandler | Priscilla | PJM Interconnection, LLC | Not Applicable |
| Coyne | Suzanne | PJM Interconnection, LLC | Not Applicable |
| Dotter | Ray | PJM Interconnection, LLC | Not Applicable |
| Duane | Vince | PJM Interconnection, LLC | Not Applicable |
| Ennis | Brad | PJM Interconnection, LLC | Not Applicable |
| Foley | Sheila | PJM Interconnection, LLC | Not Applicable |
| Ford | Adrien | PJM Interconnection, LLC | Not Applicable |
| Glazer | Craig | PJM Interconnection, LLC | Not Applicable |
| Habre | Alex | PJM Interconnection, LLC | Not Applicable |
| Hauske | Thomas | PJM Interconnection, LLC | Not Applicable |
| Hartung | Dean | PJM Interconnection, LLC | Not Applicable |
| Hendrzak | Chantal | PJM Interconnection, LLC | Not Applicable |
| Herling | Steven | PJM Interconnection, LLC | Not Applicable |
| Holland | Risa | PJM Interconnection, LLC | Not Applicable |
| Horning | Lynn | PJM Interconnection, LLC | Not Applicable |
| Hsia | Eric | PJM Interconnection, LLC | Not Applicable |
| Hugee | Jacquelynn | PJM Interconnection, LLC | Not Applicable |
| Kelley | Michael | PJM Interconnection, LLC | Not Applicable |
| Kendall | Ross | PJM Interconnection, LLC | Not Applicable |
| Langbein | Pete | PJM Interconnection, LLC | Not Applicable |
| Manion | Evelyn | PJM Interconnection, LLC | Not Applicable |
| McLeod | Ian | PJM Interconnection, LLC | Not Applicable |
| McGlynn | Paul | PJM Interconnection, LLC | Not Applicable |
| McNamara | Sean | PJM Interconnection, LLC | Not Applicable |
| Ogburn | Ruston | PJM Interconnection, LLC | Not Applicable |
| O'Neill | Jack | PJM Interconnection, LLC | Not Applicable |
| Portray | Annaka | PJM Interconnection, LLC | Not Applicable |
| Robinson | Charles | PJM Board of Managers | Not Applicable |
| Rothman | Richard | PJM Interconnection, LLC | Not Applicable |
| Scheideler | Paul | PJM Interconnection, LLC | Not Applicable |
| Schleiden | Jeanine | PJM Interconnection, LLC | Not Applicable |
| Schneider | Howard | PJM Board of Managers | Not Applicable |
| Schweizer | David | PJM Interconnection, LLC | Not Applicable |
| Sechrist | Erin | PJM Interconnection, LLC | Not Applicable |
| Shoemaker | Jason | PJM Interconnection, LLC | Not Applicable |



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| Sotkiewicz | Paul | PJM Interconnection, LLC | Not Applicable |
| Souder | Michelle | PJM Interconnection, LLC | Not Applicable |
| Swimm | Nora C. | PJM Interconnection, LLC | Not Applicable |
| Tam | Simon | PJM Interconnection, LLC | Not Applicable |
| Walter | Laura | PJM Interconnection, LLC | Not Applicable |
| Williams | Stan | PJM Interconnection, LLC | Not Applicable |
| Withrow | David | PJM Interconnection, LLC | Not Applicable |
| Wolfinger | Bobbi | PJM Interconnection, LLC | Not Applicable |

ADMINISTRATION

Welcome, announcements and Anti-trust and Code of Conduct announcement – Mr. Anders

ENDORSEMENTS/APPROVALS

1. ADMINISTRATION

Minutes of the October 25, 2012 Markets and Reliability Committee (MRC) meeting were **approved** by acclamation with no objections and one abstention.

2. PJM MANUALS

- A. Mr. Hoang reviewed changes to Manual 03 – Transmission Operations.
- B. Mr. Hauske reviewed the yearly day-ahead reserve requirements to Manual 13 – Emergency Procedures.
- C. Mr. Langbein reviewed proposed changes in demand response participation and draft manual language changes. Bruce

Following discussion, the MRC **endorsed** the proposed revisions by acclamation with no objections and two abstentions.

3. MINIMUM OFFER PRICE RULE (MOPR)

Mr. Anders discussed the development of proposals for MOPR reform. Several stakeholders commented on their perspectives of the stakeholder process used to develop these proposals. Proponents of all of the six package proposals presented their proposals and responded to questions. Mr. Dillon discussed a friendly amendment to package 1 regarding repowering projects and external resources. Mr. Frances proposed a friendly amendment to Package 1 to make it applicable to all resource types. This was not considered friendly. Following discussion, votes were taken on each of the six proposals (all Members were afforded the opportunity to vote yes, no or abstain for each of the six packages equally). Results of the individual sector-weighted votes are as follows:

- Package 1 – 4.47 in favor, 0.53 opposed
- Package 2 – 0.44 in favor, 4.56 opposed
- Package 3 – 0.33 in favor, 4.67 opposed
- Package 4 – 0.23 in favor, 4.73 opposed
- Package 5 – 0.58 in favor, 4.42 opposed
- Package 6 – 0.13 in favor, 4.87 opposed

Mr. Ott noted that Package 1 would be considered the main motion at the Members Committee at its November 29, 2012 meeting.

4. INTERCONNECTION PROCESS SR. TASK FORCE (IPSTF)

Mr. McNamara reviewed the accomplishments of the IPSTF and requested that the committee approve sunsetting the



IPSTF. Mr. Ott noted that the committee was asked to take this action at its first reading on this issue. There were no objections to taking action, and the committee **approved** sunsetting the IPSTF by acclamation with no objections and two abstentions.

5. ALLOCATION OF DAY AHEAD OPERATING RESERVE CREDITS

Mr. Ciabattone presented proposed Tariff and Operating Agreement revisions regarding make whole payments for black start units and specifying an interim solution for allocating operating reserve credits to units that are committed in the Day-Ahead market due to Real-Time reliability needs. The committee was asked to endorse the proposed revisions at their first reading and there were no objections. Following discussion, the committee **endorsed** the proposed revisions by acclamation with no objections and two abstentions.

FIRST READINGS

6. SYSTEM RESTORATION STRATEGY SENIOR TASK FORCE (SRSTF)

Ms. Hendrzak presented an update to the SRSTF Charter to add Black Start Resource compensation to the scope of the group's work. The Committee will be asked to approve these changes at its next meeting.

7. CAPACITY SR. TASK FORCE CSTF

- A. Ms. Burlew presented proposed revisions to the RTEP Issues Charge. The Committee will be asked to approve these changes at its next meeting.
- B. Ms. Burlew presented the proposed Triennial Review Timing package solution. The Committee will be asked to approve these changes at its next meeting.

8. TARIFF CLEANUP FILING

Ms. Schleiden presented proposed Tariff revisions to remove reference to ILR, since that product was eliminated (effective the 2012/2013 DY) per FERC order. The Committee will be asked to approve these changes at its next meeting.

9. CONSISTENCY OF OPPORTUNITY COST CALCULATIONS

Mr. Bresler presented proposals addressing the alignment of opportunity cost calculations. The Committee will be asked to approve the proposal at its next meeting.

10. PJM MANUALS

- A. Mr. Hoang reviewed changes to Manual 38 – Operations Planning. The Committee will be asked to endorse these changes at its next meeting.
- B. Mr. Ogburn reviewed changes to Manual 12 – Balancing Operations due to audit and RPSTF changes. The committee will be asked to endorse these changes at its next meeting.
- C. Mr. Keech reviewed changes to Manual 12 – Balancing Operations. The Committee will be asked to endorse these changes at its next meeting.
- D. Mr. Boyle reviewed changes to Manual 36 – System Restoration. The committee will be asked to endorse these changes at the next meeting.
- E. Ms. Eichorn presented proposed revisions to Manual 35 – Definitions and Acronyms. The committee will be asked to endorse these changes at the next meeting.
- F. Mr. Bastian presented proposed conforming revisions to Manual 18 – PJM Capacity Market. The committee will be asked to endorse these changes at the next meeting.
- G. Mr. Price reviewed proposed manual revisions resulting from the Quality Project. The committee will be asked to endorse these changes at the next meeting.



- H. Mr. Sliwa presented proposed revisions to PJM Manual 7 in accordance with Southwest Outage Report recommendations. The committee will be asked to endorse these changes at the next meeting.
- I. Mr. Schmitt presented proposed Manual 15 revisions incorporating non-fossil steam units (biomass or solid waste), run-of-river hydroelectric units, wind units, solar units and energy storage units into the Cost Development Guidelines. The committee will be asked to endorse these changes at the next meeting.
- J. Mr. Schmitt presented proposed Manual 15 revisions defining Demand Side Response Shutdown Costs in the Synchronous Reserve Market. The committee will be asked to endorse these changes at the next meeting.

FUTURE AGENDA ITEMS

No new future agenda items were identified.

FUTURE MEETINGS

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|--------------------|---------|----------------|
| December 20, 2012 | 9:00 AM | Wilmington, DE |
| January 31, 2013 | 9:00 AM | Wilmington, DE |
| February 28, 2013 | 9:00 AM | Wilmington, DE |
| March 28, 2013 | 9:00 AM | Wilmington, DE |
| April 25, 2013 | 9:00 AM | Wilmington, DE |
| May 30, 2013 | 9:00 AM | Wilmington, DE |
| June 27, 2013 | 9:00 AM | Wilmington, DE |
| August 1, 2013 | 9:00 AM | Wilmington, DE |
| August 29, 2013 | 9:00 AM | Wilmington, DE |
| September 26, 2013 | 9:00 AM | Wilmington, DE |
| October 24, 2013 | 9:00 AM | Wilmington, DE |
| December 5, 2013 | 9:00 AM | Wilmington, DE |

Author: D.A. Anders
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