

# DRAFT Minutes PJM Interconnection

# Markets and Reliability Committee The Chase Center on the Riverfront, Wilmington, DE January 30, 2014

9:00 a.m. – 2:00 p.m.

# Secretary/Chair:

Anders	David	PJM Interconnection, LLC	Not Applicable
Ott	Andy	PJM Interconnection, LLC	Not Applicable

### **Voting Members Present:**

Last Name	First Name	Company	Sector
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Batta	Michael	Virginia Electric & Power Company	Transmission Owner
Benchek	Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Brodbeck	John	Potomac Electric Power Company	Electric Distributor
Campbell	Bruce	Rep.'g EnergyConnect, Inc.	Other Supplier
Campbell	Bruce	Rep.'g Mid-Atlantic Power Partners	Other Supplier
Citrolo	John	Public Service Electric & Gas Company	Transmission Owner
Cox	Jason	Dynegy Marketing & Trade, LLC	Generation Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Esposito	Patricia	Atlantic Grid Operations A, LLC	Other Supplier
Etnoyer	Scott	MEG Generating Company, LLC	Generation Owner
Flaherty	Dale	Duquesne Light Company	Transmission Owner
Foladare	Kenneth	Iron Mountain Generation LLC	Generation Owner
Francis	Frank	Brookfield Energy Marketing LP	Other Supplier
Fuess	Jay	Rep.'g Castlebridge Energy Group, 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
Gardner	Michelle	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	Rep.'g Division of the Public Advocate of State of Delaware	End User Customer
Griffiths	Dan	Rep.'g Maryland Office of Peoples Counsel	End User Customer
Griffiths	Dan	Rep.'g New Jersey Div. of the Ratepayer Advocate	End User Customer
Griffiths	Dan	Rep.'g Pennsylvania Office of Consumer Advocate	End User Customer
Griffiths	Dan	Rep.'g West Virginia Consumer Advocate Division	End User Customer

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Guerry	Katie	EnerNOC, Inc.	Other Supplier
Hastings	David	Rep.'g Discount Energy Group, LLC	Other Supplier
Hastings	David	Rep.'g Mercuria Energy America, Inc.	Other Supplier
Hastings	David	Rep.'g Saracen Energy East LP	Other Supplier
Hastings	David	Rep.'g SESCO Enterprises LLC	Other Supplier
Hastings	David	Rep.'g Solios Power LLC	Other Supplier
Hastings	David	Rep.'g Twin Cities Power, LLC	Other Supplier
Hirsch	Stephen	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
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Horstmann	John	Dayton Power and Light Company (The)	Transmission Owner
Jablonski	James	Rep.'g Borough of Butler, Butler Electric Division	Electric Distributor
Jablonski	James	Rep.'g Borough of Lavallette, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Borough of Madison, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Borough of Milltown	Electric Distributor
Jablonski	James	Rep.'g Borough of Park Ridge, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Borough of Pemberton	Electric Distributor
Jablonski	James	Rep.'g Borough of Seaside Heights, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Borough of South River, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Vineland Municipal Electric Utility	Electric Distributor
Jennings	Ken	Duke Energy Business Services LLC	Transmission Owner
Johnson	Carl	Rep.'g Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Rep.'g Brough of Chambersburg (DTEET)	Electric Distributor
Johnson	Carl	Rep.'g Buckeye Power, Inc.	Electric Distributor
Johnson	Carl	Rep.'g Central Virginia Electric Cooperative	Electric Distributor
Johnson	Carl	Rep.'g City of Dover, Delaware	Electric Distributor
Johnson	Carl	Rep.'g Delaware Municipal Electric Corporation	Electric Distributor
Johnson	Carl	Rep.'g Easton Utilities Commission	Electric Distributor
Johnson	Carl	Rep.'g Energy Cooperative Association of PA	Other Supplier
Johnson	Carl	Rep.'g Galt Power Inc.	Other Supplier
Johnson	Carl	Rep.'g Hagerstown Light Department	Electric Distributor
Johnson	Carl	Rep.'g Illinois Municipal Electric Agency	Electric Distributor
Johnson	Carl	Rep.'g Initials Municipal Power Agency	Generation Owner
Johnson	Carl	Rep.'g Madison Gas & Electric Company	Other Supplier
Johnson	Carl	Rep.'g North Carolina Electric Membership Corporation	Electric Distributor
Johnson	Carl	Rep.'g North Carolina Municipal Power Agency # 1	Other Supplier
Johnson	Carl	Rep.'g Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Rep.'g Williamsport, MD (Town of)	Electric Distributor
Johnson	Carl	Rep.'g WPPI Energy	Other Supplier
Kester	Erin	IBERDROLA RENEWABLES, LLC	Generation Owner
Kogut	George	New York Power Authority	Other Supplier
Lieberman	Steven	Old Dominion Electric Cooperative	Electric Distributor
Long	Scott	Allegheny Electric Cooperative  Allegheny Electric Cooperative, Inc.	Electric Distributor
Ma	Alex	Invenergy, LLC	Generation Owner
Mabry	David	Rep.'g Air Liquide Industrial U.S., LP	End User Customer
,			End User Customer
Mabry	David	Rep.'g Air Products & Chemicals, Inc.	ETIU OSEI CUSIOITIEI



Mabry	David	Rep.'g Lehigh Portland Cement Company	End User Customer
Mabry	David	Rep.'g Letterkenny Industrial Development Authority	Electric Distributor
Mabry	David	Rep.'g Linde LLC	End User Customer
Mabry	David	Rep.'g Praxair, Inc.	End User Customer
Mabry	David	Rep.'g Procter & Gamble Paper Products Company (The)	End User Customer
McMahon	Mike	Illinois Citizens Utility Board	End User Customer
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
O'Connell	Robert	JPMorgan Ventures Energy Corporation	Other Supplier
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Parker	Seth	Long Island Lighting Company d/b/a LIPA	Other Supplier
Pratzon	David	Rep.'g Calpine Energy Services, L.P.	Generation Owner
Pratzon	David	Rep.'g Liberty Electric Power, LLC	Generation Owner
Quinlan	Pamela	Rockland Electric Company	Transmission Owner
Rainey	Frank	PEI Power Corporation	Generation Owner
Riding	MQ	Essential Power Rock Springs, LLC	Transmission Owner
Rutigliano	Tom	Rep.'g Achieving Equilibrium LLC	Other Supplier
Rutigliano	Tom	Rep.'g Demansys Energy, LLC	Other Supplier
Rutigliano	Tom	Rep.'g EMC Development Company, Inc.	Other Supplier
Scarpignato	David	Direct Energy Business, LLC	Other Supplier
Scoglietti	Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Trayers	Barry	Citigroup Energy, Inc.	Other Supplier
Trimble	John	Alternative Utility Services, Inc.	Other Supplier
Wolfe	Samuel	Viridity Energy, Inc.	Other Supplier

# Non-Voting Attendees:

Last Name	First Name	Company	Sector
Abbott	Tim	Duke Energy Business Services, Inc.	Generation Owner
Ainspan	Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Ayers-Brasher	Jennifer	EON Climate & Renewables	Generation Owner
Bainbridge	Thomas	FirstEnergy Solutions Corporation	Transmission Owner
Binder	Gerry	SESCO Enterprises LLC	Other Supplier
Bleiweis	Bruce	DC Energy, L.L.C.	Other Supplier
Bloom	David	Baltimore Gas and Electric Company	Transmission Owner
Bolan	Martin	FirstEnergy Solutions Corporation	Transmission Owner
Caddell	Ted	RTO Insider	Not Applicable
Carmean	Gregory	OPSI	Not Applicable
Chen	Xu	Monitoring Analytics, LLC	Not Applicable
Craig	Irwin	Wedbush Securities	Not Applicable
Czigler	Frank	PSEG Energy Resources and Trade LLC	Transmission Owner
Danielle	Hayter	Invenergy LLC	Generation Owner
Dean	Evan	FirstEnergy Solutions Corporation	Transmission Owner
Denavas	Joe	Potomac Electric Power Company	Electric Distributor
Dessender	Harry	Independent Consultant	Not Applicable
Dirnel	Bill	Westar Energy, Inc.	Other Supplier
Dugan	William	Customized Energy Solutions, Ltd.*	Not Applicable
Durand	Janine	H-P Energy Resources LLC	Other Supplier



Ellison	Alan	Grays Ferry Cogeneration Partnership	Generation Owner
Evrard	David	Pennsylvania Office of Consumer Advocate	End-Use Customer
Farber	John	Delaware Public Service Commission	Not Applicable
Fernandes	John	Baltimore Gas and Electric Company	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Foladare	Ken	Iron Mountain Generation	Generation Owner
Fondacci	Luis	North Carolina Electric Membership Corporation	Electric Distributor
Freeman	Allan	Michigan Public Service Commission	Not Applicable
Frelich	Jessica	Integrys Energy Services, Inc.	Other Supplier
Gantzer	Tom	Netpeak Energy Group	Other Supplier
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Godson	Gloria	Potomac Electric Power Company	Electric Distributor
Gowrishankar	Vignesh	NRDC/FERC Project	Not Applicable
Greening	Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Grimes	Mike	EDPR	Not Applicable
Hall	Walter	Maryland Public Service Commission	Not Applicable
Hastings	David	DhastCo ,LLC	Not Applicable
Heidorn	Richard	RTO Insider	Not Applicable
Heizer	Fred	Ohio PUC	Not Applicable
Henry	Michelle	FirstEnergy Solutions Corporation	Transmission Owner
Hirsch	Steven	Downes Associates, Inc.	Other Supplier
Hitch	George	Virginia Electric and Power Company	Transmission Owner
Hunsperger	Jennifer	Praxair	End-Use Customer
Huntoon	Stephen	NextEra Energy Power Marketing, LLC	Generation Owner
Hyzinski	Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Jett	William	Duke Energy Business Services, Inc.	Generation Owner
Judson- Mcqueeney	Judith	Customized Energy Solutions	Not Applicable
Jwanier	David	RTO Insider	Not Applicable
Kerecman	Joseph	Calpine Energy Services, L.P.	Generation Owner
Kimmish	Steven	PSEG Energy Resources and Trade LLC	Transmission Owner
Lacy	Catharine	Virginia Electric and Power Company	Transmission Owner
Lafalce	Michael	Public Service Electric & Gas Company	Transmission Owner
Litchfield	Matthew	Competitive Power Ventures, Inc.	Not Applicable
Logan	Sharon	The Federal Energy Regulatory Commission	Not Applicable
Loiacono	Matthew	Monitoring Analytics, LLC	Not Applicable
Mahoney	Julie	New York State Electric & Gas Corporation	Other Supplier
Mancuso	Marie	Baltimore Gas and Electric Company	Transmission Owner
Manning	James	North Carolina Electric Membership Corporation	Electric Distributor
Mariam	Yohannes	Office of the Peoples Counsel for the District of Columbia	Not Applicable
Martin	Valerie	The Federal Energy Regulatory Commission	Not Applicable
Marzewski	Skyler	Monitoring Analytics, LLC	Not Applicable
Maucher	Andrea	Division of the Public Advocate of the State of Delaware	End-Use Customer
Maye	Shelly Ann	North America Power Partners LLC	Other Supplier
McAlister	Lisa	American Municipal Power, Inc.	Generation Owner
Michelle	Henry	FirstEnergy Solutions Corporation	Transmission Owner
Miller	John	Commonwealth Edison Company	Transmission Owner
Monroe	Alicia	The Federal Energy Regulatory Commission	Not Applicable



Noha	Sidhom	Inertia Power	Other Supplier
Nowell	Cynthia	Pepco Holdings Incorporated	Not Applicable
O'Connell	Robert	J.P. Morgan Ventures Energy Corporation	Other Supplier
Ondayko	Brock	AEP	Transmission Owner
Orlando	Jim	Northern Indiana Public Service Company	Other Supplier
Patrylo	Bob	H-P Energy Resources LLC	Other Supplier
Peoples	John	Duquesne Light Company	Transmission Owner
Philips	Marji	Hess Corporation	Other Supplier
Prica	Marija	Netl	Not Applicable
Prindergast	Michael	PSENG	Transmission Owner
Rohrbach	John	Aces Power Marketing	Not Applicable
Rolashevich	Peter	Federal Energy Regulatory Commission	Not Applicable
Rousselle	Adam	Utility Risk Management Corporation	Not Applicable
Salaneck	Alexandra	Monitoring Analytics, LLC	Not Applicable
Schaefer	Steve	Schafer Consulting	Not Applicable
Schum	Alice	Illinois Municipal Electric Agency	Electric Distributor
Schupp	Jeremy	Energy.me	Other Supplier
Scott	Mark	Customized Energy Solutions, Ltd.*	Not Applicable
Seelaus	Tim	EMC Development Company, Inc.	Other Supplier
Shanker	Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sharp	Michael	Duke Energy Business Services, Inc.	Generation Owner
Showalter	Dana	E.on	Generation Owner
Sillin	John	The Federal Energy Regulatory Commission	Not Applicable
Sock	Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Stadelmeyer	Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Stubbe	Judy	Duke Energy Business Services, Inc.	Generation Owner
Stuchell	Jeff	FirstEnergy Solutions Corporation	Transmission Owner
Sudhakara	Raghu	Rockland Electric Company	Transmission Owner
Summers	Ted	Public Service Electric & Gas Company	Transmission Owner
Tatum	Ed	Old Dominion Electric Cooperative	Electric Distributor
Terelmes	Steve	Ameren Energy Marketing Company	Other Supplier
Tim	Seelaus	Power Costs	Not Applicable
Trayers	Barry	Citigroup Energy Inc.	Other Supplier
Tsao	Stephanie	Argus Media	Not Applicable
Villadoro	Karen	Federal Energy Regulatory Commission	Not Applicable
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Watson	Mark	Platts Media	Not Applicable
Weaver	David	PECO Energy Company	Transmission Owner
Wellborn	Sam	Federal Energy Regulatory Commission	Not Applicable
Whieldon	Esther	ESNL Energy	Not Applicable
Whieldon	Ester	SNL Energy	Not Applicable
Wilson	James	Wilson Energy Economics	Not Applicable
York	Katherine	Tennessee Valley Authority (The)	Other Supplier



# PJM Attendees:

Last Name	First Name	Company	Sector
Almgren	Ake	PJM Board of Managers	Not Applicable
Anders	Dave	PJM Interconnection, LLC	Not Applicable
Baker	Scott	PJM Interconnection, LLC	Not Applicable
Bastian	Jeff	PJM Interconnection, LLC	Not Applicable
Berner	Aaron	PJM Interconnection, LLC	Not Applicable
Bhavarju	Murty	PJM Interconnection, LLC	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Bresler	Stu	PJM Interconnection, LLC	Not Applicable
Bryson	Michael	PJM Interconnection, LLC	Not Applicable
Brown	Richard	PJM Interconnection, LLC	Not Applicable
Bruno	Patrick	PJM Interconnection, LLC	Not Applicable
Burlew	Sarah	PJM Interconnection, LLC	Not Applicable
Daugherty	Suzanne	PJM Interconnection, LLC	Not Applicable
Dirani	Rami	PJM Interconnection, LLC	Not Applicable
Duane	Vince	PJM Interconnection, LLC	Not Applicable
Egan	Amanda	PJM Interconnection, LLC	Not Applicable
Ennis	Brad	PJM Interconnection, LLC	Not Applicable
Esterly	Teri	PJM Interconnection, LLC	Not Applicable
Falin	Thomas	PJM Interconnection, LLC	Not Applicable
Flynn	Paul	PJM Interconnection, LLC	Not Applicable
Ford	Adrien	PJM Interconnection, LLC	Not Applicable
Foster	Denise	PJM Interconnection, LLC	Not Applicable
Glazer	Craig	PJM Interconnection, LLC	Not Applicable
Hartung	Dean	PJM Interconnection, LLC	Not Applicable
Hauske	Thomas	PJM Interconnection, LLC	Not Applicable
Helm	Gary	PJM Interconnection, LLC	Not Applicable
Hendrzak	Chantal	PJM Interconnection, LLC	Not Applicable
Herling	Steven	PJM Interconnection, LLC	Not Applicable
Herman	Michael	PJM Interconnection, LLC	Not Applicable
Hsia	Eric	PJM Interconnection, LLC	Not Applicable
Hugee	Jacqulynn	PJM Interconnection, LLC	Not Applicable
Kelley	Michael	PJM Interconnection, LLC	Not Applicable
Kormos	Michael J.	PJM Interconnection, LLC	Not Applicable
Koza	Frank	PJM Interconnection, LLC	Not Applicable
Lahey	Richard	PJM Board of Managers	Not Applicable
Langbein	Pete	PJM Interconnection, LLC	Not Applicable
LaRocque	Matthew	PJM Interconnection, LLC	Not Applicable
Loomis	Harold	PJM Interconnection, LLC	Not Applicable
Manion	Evelyn	PJM Interconnection, LLC	Not Applicable
McGlynn	Paul	PJM Interconnection, LLC	Not Applicable
McLaverty	Megan	PJM Interconnection, LLC	Not Applicable
McLeod	lan	PJM Interconnection, LLC	Not Applicable
McNamara	Sean	PJM Interconnection, LLC	Not Applicable



Miehlke	Tracy	PJM Interconnection, LLC	Not Applicable
O'Neill	Jack	PJM Interconnection, LLC	Not Applicable
Ott	Andrew L.	PJM Interconnection, LLC	Not Applicable
Pilong	Chris	PJM Interconnection, LLC	Not Applicable
Sasser	Jonathan	PJM Interconnection, LLC	Not Applicable
Schmitt	Jeff	PJM Interconnection, LLC	Not Applicable
Schuyler	Ken	PJM Interconnection, LLC	Not Applicable
Schweizer	David	PJM Interconnection, LLC	Not Applicable
Sechrist	Erin	PJM Interconnection, LLC	Not Applicable
Sims	Mark	PJM Interconnection, LLC	Not Applicable
Slusser	Jeff	PJM Interconnection, LLC	Not Applicable
Sotkiewicz	Paul	PJM Interconnection, LLC	Not Applicable
Swimm	Nora C.	PJM Interconnection, LLC	Not Applicable
Tribulski	Jennifer	PJM Interconnection, LLC	Not Applicable
Walter	Laura	PJM Interconnection, LLC	Not Applicable
Weiss	Glenn	PJM Interconnection, LLC	Not Applicable
Williams	Stan	PJM Interconnection, LLC	Not Applicable

#### **ADMINISTRATION**

Mr. Ott welcomed stakeholders to the meeting and Mr. Anders provided the Anti-trust and Code of Conduct announcements.

#### GAS /ELECTRIC COORDINATION COLD WEATHER OPERATIONS

Mr. Ott thanked the Members for the excellent coordination during the recent cold weather operations. He noted that there will be additional opportunities for reporting out on the cold weather operations, and that there are several lessons learned that will require consideration of changes to PJM operations related to Gas/Electric Coordination, specifically timing of the Day-Ahead market with respect to gas day nominations, and resolution of electric markets and gas nominations for weekend operations. He indicated that the Gas Electric Senior Task Force GESTF) would be asked to initiate activities on these issues.

#### FREQUENTLY MITIGATED UNIT (FMU) ADDER

Mr. Ott discussed the Market Implementation Committee's consideration of the FMU Adder issue related to PJM's request to resolve this issue on an expedited basis. He noted that PJM had received feedback that additional time for consideration, and that he agreed that a one or two month extension for additional consideration was appropriate.

#### **CAPACITY IMPORT LIMIT**

Mr. Ott discussed the recently received deficiency letter received from the FERC regarding the PJM Capacity Import Limit filing. He noted that PJM will respond to the FERC questions as soon as possible (before the 30 day requirement), and that PJM planned to post the 2017/18 RPM Planning Parameters on time, and were not impacted by the FERC letter.

## **ENDORSEMENTS/APPROVALS**

#### 1. DRAFT MINUTES

Minutes of the December 19, 2013 Markets and Reliability Committee (MRC) meeting were <u>approved</u> by acclamation with no objections or abstentions.



#### 2. PJM MANUALS

A. Mr. Sims presented proposed revisions to Manual 14B: PJM Region Transmission Planning Process related to the capacity import limit calculation. Following discussion, the committee <a href="mailto:endorsed">endorsed</a> the proposed revisions subject to FERC approval of PJM's filing of related Tariff revisions by acclamation with two objections and 18 abstentions.

#### 3. PROPOSED DEMAND RESPONSE PRODUCT SUBSTITUTION CLARIFICATION

Mr. Langbein presented proposed manual revisions to clarify tariff provisions that allow demand response capacity product substitution during a product specific emergency demand response dispatch. Following discussion, the committee **endorsed** the proposed revisions by acclamation with no objections and one abstention.

#### 4. QTU DEFICIENCY CHARGE AND CREDIT RATE

Ms. Durand, representing H-P Energy, will present a proposed Problem Statement / Issue Charge related to QTU Deficiency Charge and Credit Rate. Mr. Baker suggested that the work should be assigned to the MIC rather than the Credit Subcommittee; there were no objections to this amendment. Following discussion, the committee <a href="mailto:endosed-roblem-statement/">endosed-roblem Statement / Issue Charge as amended by acclamation with one objection and one abstention.</a>

#### FIRST READINGS

#### 5. GAS / ELECTRIC SYSTEM OPERATOR COMMUNICATIONS

Mr. McNamara discussed a proposed Problem Statement and GESTF Charter revisions presented at the December 19, 2013 MRC meeting which allow the GESTF to consider Gas/Electric System Operator Communications. Following discussion, the committee <a href="mailto:approved">approved</a> the proposed Problem Statement and Charter revision by acclamation with no objections and eight abstentions. Mr. Helm discussed the related recently FERC approved waivers and presented proposed Operating Agreement revisions related to sharing of information between gas pipeline operators and electric transmission providers. The committee will be asked to endorse the proposed OA revisions at its next meeting.

#### 6. SYSTEM RESTORATION STRATEGY SENIOR TASK FORCE (SRSTF)

Ms. Hendrzak presented proposed revisions to Black Start Compensation developed by the SRSTF. The committee will be asked to endorse the proposed revisions at its next meeting.

# 7. <u>ENHANCED INVERTER CAPABILITIES</u>

Mr. Koza presented a proposed Problem Statement / Issue Charge regarding enhanced inverter capabilities. The committee will be asked to approve the proposed Problem Statement / Issue Charge at its next meeting.

#### 8. REPLACEMENT CAPACITY

Mr. Baker presented proposed Tariff and Reliability Assurance Agreement revisions related to Replacement Capacity. The committee will be asked to endorse the proposed revisions at its next meeting.

# 9. ENERGY MARKET UPLIFT SENIOR TASK FORCE (EMUSTF)

Mr. Anders provided an update on activities of the EMUSTF and discussed data confidentiality requirements related to uplift credits and the interaction between the RTEP processes and uplift. Stakeholders indicated that no activity was desired at this point in time related to potential revisions to the data confidentiality requirements.

#### 10. EIPC GAS STUDY

Mr. Helm discussed the EIPC Gas/Electric study and requested feedback from stakeholders. He also discussed the recently posted ISO/RTO Council paper regarding CO<sub>2</sub> regulation.



# 11. COORDINATED TRANSACTION SCHEDULES (CTS) / EXPORT CREDIT REQUIREMENTS

Ms. Daugherty presented proposed Tariff revisions associated with CTS and export transactions. The committee will be asked to endorse the proposed revisions at its next meeting.

## 12. PJM MANUALS

- A. Mr. Bastian discussed a near term transition mechanism to address Manual 21: Rules and Procedures for Determination of Generating Capability revisions regarding generation seasonal verification test requirements. The committee will be asked to endorse these changes at its next meeting.
- B. Mr. Sliwa presented proposed revisions to Manual 7: PJM Protection Standards regarding relay design parameters. The committee will be asked to endorse these changes at its next meeting.
- C. Mr. Pilong presented proposed demand response related revisions to M-13: Emergency Operations. The committee will be asked to endorse these changes at its next meeting.
- D. Mr. Langbein presented proposed revisions to Manual 11: Energy & Ancillary Services Market Operations to clarify tariff provisions regarding Economic Demand Response settlements in energy market for load reductions that occur as part of normal operations. A stakeholder expressed an opinion that these revisions potentially introduced significant changes to measurement and verification and that they should be implemented through Tariff revisions rather than Manual revisions. Mr. Langbein expressed PJM's position that the proposed revisions were in accordance with PJM's Tariff and FERC Order 745. The committee will be asked to endorse the proposed revisions at its next meeting.
- E. Mr. Boyle reviewed proposed changes to Manual 40: Training and Certification Requirements. The Operating Committee will be asked to endorse these changes at its next meeting.

#### **FUTURE AGENDA ITEMS**

No additional Future Agenda item were identified.

#### **FUTURE MEETINGS**

February 27, 2014	9:00 AM	Wilmington, DE
March 27, 2014	9:00 AM	Wilmington, DE
April 24, 2014	9:00 AM	Wilmington, DE
May 29, 2014	9:00 AM	Wilmington, DE
June 26, 2014	9:00 AM	Wilmington, DE
July 31, 2014	9:00 AM	Wilmington, DE
August 28, 2014	9:00 AM	Wilmington, DE
September 18, 2014	9:00 AM	Wilmington, DE
October 30, 2014	9:00 AM	Wilmington, DE
November 20, 2014	9:00 AM	Wilmington, DE
December 18, 2014	9:00 AM	Wilmington, DE

Author: D.A. Anders
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