



**DRAFT**  
**Minutes**  
**PJM Interconnection**  
**Markets and Reliability Committee**  
**The Chase Center on the Riverfront, Wilmington, DE**  
**May 30, 2013**  
**9:00 a.m. – 3:45 p.m.**

**Secretary/Chair:**

Anders	David	PJM Interconnection, LLC	Not Applicable
Kormos	Mike	PJM Interconnection, LLC	Not Applicable

**Voting Members Present:**

<b>Last Name</b>	<b>First Name</b>	<b>Company</b>	<b>Sector</b>
Ainspan	Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Batta	Michael	Virginia Electric & Power Company	Transmission Owner
Bearden	Joel	Cargill Power Markets LLC	Other Supplier
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Borgatti	Michael	Rep.'g Covanta Energy Group, Inc.	Generation Owner
Borgatti	Michael	Rep.'g Richland-Stryker Generation LLC	Generation Owner
Borgatti	Michael	Rep.'g Jersey Green Energy LLC	Other Supplier
Borgatti	Michael	Rep.'g RC Cape May Holdings, LLC	Generation Owner
Breidenbaugh	Aaron	EnerNOC, Inc.	Other Supplier
Brodbeck	John	Potomac Electric Power Company	Electric Distributor
Campbell	Bruce	Rep.'g Mid-Atlantic Power Partners	Other Supplier
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Citrolo	John	Public Service Electric & Gas Company	Transmission Owner
Cox	Jason	Dynegy Marketing & Trade, LLC	Generation Owner
Dudley	Janette	Demansys Energy, LLC	Other Supplier
Esposito	Patricia	Atlantic Grid Operations A, LLC	Other Supplier
Fahey	Reem	Edison Mission Marketing and Trading, Inc.	Generation Owner
Fitch	Neal	NRG Power Marketing LLC	Generation Owner
Flaherty	Dale	Duquesne Light Company	Transmission Owner
Fondacci	Luis	North Carolina Electric Membership Corporation	Electric Distributor
Francis	Frank	Brookfield Energy Marketing LP	Other Supplier
Fuess	Jay	Rep.'g Icetec.com, Inc.	Other Supplier
Fuess	Jay	Rep.'g Energy Consulting Services LLC	Other Supplier
Fuess	Jay	Rep.'g PBF Power Marketing LLC	Generation Owner
Fuess	Jay	Rep.'g Evraz Claymont Steel	Other Supplier
Fuess	Jay	Rep.'g Diamond State Generation Partners, LLC	Generation Owner
Fuess	Jay	Rep.'g Kuehne Chemical Company, Inc.	Other Supplier
Gates	Kenneth	Primary Power LLC	Other Supplier
Gil	David	NextEra Energy Power Marketing, LLC	Generation Owner
Greening	Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Hastings	David	Rep.'g Solios Power LLC	Other Supplier



Hastings	David	Rep.'g Saracen Energy East LP	Other Supplier
Hastings	David	Rep.'g Mercuria Energy America, Inc.	Other Supplier
Hendrix	Chris	Texas Retail Energy, LLC	Other Supplier
Horstmann	John	Dayton Power and Light Company (The)	Transmission Owner
Hughes	Adam	Property Endeavors, LLC	End User Customer
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Jablonski	James	Rep.'g Borough of Seaside Heights, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Vineland Municipal Electric Utility	Electric Distributor
Jablonski	James	Rep.'g Borough of Madison, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Borough of Butler, Butler Electric Division	Electric Distributor
Jablonski	James	Rep.'g Borough of Pemberton	Electric Distributor
Jablonski	James	Rep.'g Borough of Lavallette, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Borough of Park Ridge, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Borough of Milltown	Electric Distributor
Jablonski	James	Rep.'g Borough of South River, New Jersey	Electric Distributor
Jennings	Ken	Duke Energy Business Services LLC	Transmission Owner
Johnson	Carl	Long Island Lighting Company d/b/a LIPA	Other Supplier
Knies	Heather	EDF Trading North America, LLC	Other Supplier
Kogut	George	New York Power Authority	Other Supplier
Levine	Jeffrey	GDF SUEZ Energy Marketing NA, Inc.	Other Supplier
Lieberman	Steven	Old Dominion Electric Cooperative	Electric Distributor
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Maye	Shelly-Ann	North America Power Partners LLC	Other Supplier
McAlister	Lisa	American Municipal Power, Inc.	Electric Distributor
Meyer	Renee	LM Power, LLC	Other Supplier
Miller	Donald	FirstEnergy Solutions Corp.	Transmission Owner
Nicolay	Christi	Macquarie Energy LLC	Other Supplier
O'Connell	Robert	JPMorgan Ventures Energy Corporation	Other Supplier
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Philips	Marji	Hess Corporation	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
Rohrbach	John	Rep.'g Wabash Valley Power Association, Inc.	Electric Distributor
Rohrbach	John	Rep.'g Southern Maryland Electric Cooperative	Electric Distributor
Rushing	Nathan	CPV Maryland, LLC	Generation Owner
Scarpignato	David	Direct Energy Business, LLC	Other Supplier
Schofield	William	Rep.'g WPPI Energy	Other Supplier
Schofield	William	Rep.'g North Carolina Electric Membership Corporation	Electric Distributor
Schofield	William	Rep.'g Thurmont, MD (Town of)	Electric Distributor
Schofield	William	Rep.'g Mont Alto, PA (Borough of)	Electric Distributor
Schofield	William	Rep.'g Hagerstown Light Department	Electric Distributor
Schofield	William	Rep.'g Delaware Municipal Electric Corporation	Electric Distributor
Schofield	William	Rep.'g North Carolina Municipal Power Agency # 1	Other Supplier
Schofield	William	Rep.'g Northern Virginia Electric Cooperative (NOVEC)	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 Central Virginia Electric Cooperative	Electric Distributor
Schofield	William	Rep.'g Borough of Chambersburg (DTEET)	Electric Distributor
Schofield	William	Rep.'g Illinois Municipal Electric Agency	Electric Distributor
Schofield	William	Rep.'g Blue Ridge Power Agency, Inc.	Electric Distributor
Schofield	William	Rep.'g Madison Gas & Electric Company	Other Supplier
Schofield	William	Rep.'g City of Dover, Delaware	Electric Distributor
Schofield	William	Rep.'g Easton Utilities Commission	Electric Distributor
Schofield	William	Rep.'g Old Dominion Electric Cooperative	Electric Distributor
Schofield	William	Rep.'g Allegheny Electric Cooperative, Inc.	Electric Distributor
Schofield	William	Rep.'g Buckeye Power, Inc.	Electric Distributor
Schofield	William	Rep.'g American Municipal Power, Inc.	Electric Distributor
Schofield	William	Rep.'g Indiana Municipal Power Agency	Generation Owner
Schofield	William	Rep.'g Williamsport, MD (Town of)	Electric Distributor
Seymour	Melissa	IBERDROLA RENEWABLES, LLC	Generation Owner
Sidhom	Noha	Vel Energy, LP	Other Supplier
Skucas	Ruta	Rep.'g CCES LLC	Other Supplier
Skucas	Ruta	Rep.'g Alphataraxia Palladium LLC	Other Supplier
Skucas	Ruta	Rep.'g Monterey MA, LLC	Other Supplier
Skucas	Ruta	Rep.'g The Highlands Energy Group LLC	Other Supplier
Skucas	Ruta	Rep.'g BJ Energy, LLC	Other Supplier
Skucas	Ruta	Rep.'g Pure Energy, Inc.	Other Supplier
Skucas	Ruta	Rep.'g E Minus LLC	Other Supplier
Skucas	Ruta	Rep.'g Mac Trading, Inc	Other Supplier
Skucas	Ruta	Rep.'g MET MA, LLC	Other Supplier
Skucas	Ruta	Rep.'g Dyon, LLC	Other Supplier
Skucas	Ruta	Rep.'g Red Wolf Energy Trading, LLC	Other Supplier
Skucas	Ruta	Rep.'g Apple Group LLC	Other Supplier
Skucas	Ruta	Rep.'g Hexis Energy Trading, LLC	Other Supplier
Skucas	Ruta	Rep.'g Great Bay Energy I, LLC	Other Supplier
Staska	Stephanie	Twin Cities Power, LLC	Other Supplier
Trayers	Barry	Citigroup Energy, Inc.	Other Supplier
Weaver	David	Exelon Business Services Company, LLC	Transmission Owner
Weishaar	Robert	Rep.'g Trustees of the U of PA, dba University of Pennsylvania	End User Customer
Weishaar	Robert	Rep.'g Procter & Gamble Paper Products Company (The)	End User Customer
Weishaar	Robert	Rep.'g Praxair, Inc.	End User Customer
Weishaar	Robert	Rep.'g Occidental Power Services, Inc.	Other Supplier
Weishaar	Robert	Rep.'g MeadWestvaco Corporation	End User Customer
Weishaar	Robert	Rep.'g Letterkenny Industrial Development Authority	Electric Distributor
Weishaar	Robert	Rep.'g Wellsboro Electric Company (pre-2008)	Electric Distributor
Weishaar	Robert	Rep.'g Linde LLC	End User Customer
Weishaar	Robert	Rep.'g Lehigh Portland Cement Company	End User Customer
Weishaar	Robert	Rep.'g Industrial Energy Users-Ohio	Other Supplier
Weishaar	Robert	Rep.'g Gerdau Ameristeel Energy, Inc.	Other Supplier
Weishaar	Robert	Rep.'g Castlebridge Energy Group, LLC	Other Supplier
Weishaar	Robert	Rep.'g Air Products & Chemicals, Inc.	End User Customer
Weishaar	Robert	Rep.'g Air Liquide Industrial U.S., LP	End User Customer



Weishaar	Robert	Rep.'g Kimberly-Clark Corporation	Generation Owner
Williams	Michael	Black Oak Energy, LLC	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
Allen	Wesley	Red Wolf Energy Trading, LLC	Other Supplier
Arce	Jose	Maple Analytics, LLC	Other Supplier
Bagot	Nancy	Electric Power Supply Association	Not Applicable
Bainbridge	Thomas	FirstEnergy Solutions Corporation	Transmission Owner
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Bayless	Charles	North Carolina Electric Membership Corporation	Electric Distributor
Berlinski	Mike	Beacon Power Corporation	Other Supplier
Binder	Gerry	SESCO Enterprises LLC	Other Supplier
Bloom	David	Baltimore Gas and Electric Company	Transmission Owner
Bolan	Martin	FirstEnergy Solutions Corporation	Transmission Owner
Bowring	Joseph	Monitoring Analytics, LLC	Not Applicable
Brint	Juliana	Platts	Not Applicable
Brooks	Courtney	Con Ed	Not Applicable
Burns	Will	Burns Law Firm	Not Applicable
Canchi	Devendra	Monitoring Analytics, LLC	Not Applicable
Canter	David	AEP	Transmission Owner
Carmean	Gregory	OPSI	Not Applicable
Christian	Adam	Red Wolf Energy Trading, LLC	Other Supplier
Clover	Bernita	Duquesne Light Company	Transmission Owner
Colton	Chris	Texas Energy Trading	Not Applicable
Czigler	Frank	PSEG Energy Resources and Trade LLC	Transmission Owner
David	Bloom	Baltimore Gas & Electric	Transmission Owner
De Geeter	Ralph	Public Service Commission of Maryland	Not Applicable
Denavas	Joe	Potomac Electric Power Company	Electric Distributor
Dugan	William	Monitoring Analytics, LLC	Not Applicable
Elgassier	Mohamed	Atlantic Grid Operations A, LLC	Other Supplier
Ellison	Alan	Grays Ferry Cogeneration Partnership	Generation Owner
Erbrick	Michael	EDF Trading North America, LLC	Other Supplier
Feliks	Kent	American Electric Power	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Frelich	Jessica	Integrays Energy Services, Inc.	Other Supplier
Gabrieli	Tony	Ally Energy LLC.	Other Supplier
Gates	Kenneth	Tangibl	Not Applicable
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Gorman	Kevin	Highlands Energy Group LLC (The)	Other Supplier
Hall	Walter	Maryland Public Service Commission	Not Applicable
Hayik	Seth	Monitoring Analytics, LLC	Not Applicable
Heidorn	Richard	The Federal Energy Regulatory Commission	Not Applicable
Heizer	Fred	Ohio PUC	Not Applicable



Hitch	George	Virginia Electric and Power Company	Transmission Owner
Hoatson	Tom	Riverside Generating, LLC	Other Supplier
Huntoon	Stephen	NextEra Energy Power Marketing, LLC	Generation Owner
Hyzinski	Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Jasani	Sachin	Red Wolf Energy Trading, LLC	Other Supplier
Jeff	Dodd	Ameren Energy Marketing Company	Generation Owner
Kingston	Amber	Aces Power Marketing	Not Applicable
Kopon	Owen	Brickfield, Burchette, Ritts & Stone, P.C.	Not Applicable
Labij	Christina	Acciona Energy	Generation Owner
Lafalce	Michael	Public Service Electric & Gas Company	Transmission Owner
Leyko	James	Maryland Public Service Commission	Not Applicable
Loiacono	Matthew	Monitoring Analytics, LLC	Not Applicable
Luna	Joel	Monitoring Analytics	Not Applicable
Mahoney	Julie	New York State Electric & Gas Corporation	Other Supplier
Mancuso	Marie	Baltimore Gas and Electric Company	Transmission Owner
Mariam	Yohannes	Office of the Peoples Counsel for the District of Columbia	Not Applicable
Marzewski	Skyler	Monitoring Analytics, LLC	Not Applicable
Maucher	Andrea	Division of the Public Advocate of the State of Delaware	End-Use Customer
McAdams	Julius	Red Wolf Energy Trading, LLC	Other Supplier
McDonald	Steve	Customized Energy Solutions, Ltd.*	Not Applicable
McQueeny	Judith	Beacon Power Corporation	Other Supplier
Mcrae	Todd	Dynasty Power	Other Supplier
Miller	John	Commonwealth Edison Company	Transmission Owner
Norton	Chris	American Municipal Power, Inc.	Generation Owner
Ondayko	Brock	AEP	Transmission Owner
Orlando	Jim	Northern Indiana Public Service Company	Other Supplier
Owens	Christina	ACES	Not Applicable
Patrylo	Bob	H-P Energy Resources LLC	Other Supplier
Pizzutelli	Ashley	FirstEnergy Solutions Corporation	Generation Owner
Poulos	Greg	EnerNOC, Inc.	Other Supplier
Price	Ruth	Delaware Public Advocates Office	Not Applicable
Rismiller	Randy	The Illinois Commerce Commission	Not Applicable
Roberto	Cheryl	Public Innovation	Not Applicable
Rothfeld	Gary	Conch Energy Trading	Other Supplier
Schleimer	Steven	Calpine Energy Services, L.P.	Generation Owner
Scoglietti	Barbara	Tangent Energy Solutions	Other Supplier
Scott	Charles	DC Energy, L.L.C.	Other Supplier
Segerman	Charles	CCES LLC	Other Supplier
Seiverling	Katie	Customized Energy Solutions	Not Applicable
Serapiglia	Rosalie	New Jersey Board of Public Utilities	Not Applicable
Seymour	Melissa	IBERDROLA RENEWABLES, Inc.	Generation Owner
Shanker	Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Shaver	Rebecca	FirstEnergy Solutions Corporation	Generation Owner
Sillin	John	The Federal Energy Regulatory Commission	Not Applicable
Simms	Chris	Downes Associates, Inc.	Other Supplier
Sitaraman	Nicole	DC office of The Peoples Council	End-Use Customer
Snow	Robert	The Federal Energy Regulatory Commission	Not Applicable



Spahr	Ron	SoftSmiths	Not Applicable
Stadelmeyer	Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Staebs	Richard	Red Wolf Energy Trading, LLC	Other Supplier
Steele	Robert	Great Bay Energy I, LLC	Other Supplier
Stubbe	Judy	Duke Energy Business Services, Inc.	Generation Owner
Stuchell	Jeff	FirstEnergy Solutions Corporation	Transmission Owner
Succar	Samir	ICF International	Not Applicable
Sullivan	Meg	Duquesne Light Company	Transmission Owner
Swalwell	Brad	Tangent Energy	Other Supplier
Tatum	Ed	Old Dominion Electric Cooperative	Electric Distributor
Terelmes	Steve	Ameren Energy Marketing Company	Other Supplier
Theodore	Sharon	Electric Power Supply Association	Not Applicable
Thomas	Glen	GT Power Group	Not Applicable
Trayers	Barry	Citigroup Energy Inc.	Other Supplier
Vanderhelm	Kyle	Tenaska Power Services Co.	Generation Owner
Weaver	David	PECO Energy Company	Transmission Owner
Williams	Jeff	Lamppost Consulting	Not Applicable
Wilson	James	Wilson Energy Economics	Not Applicable
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Xenopoulous	Damon	Brickfield, Burchette, Ritts & Stone, P.C.	Not Applicable
York	Katherine	Tennessee Valley Authority (The)	Other Supplier
Ziegler	Richard	FirstEnergy Solutions Corporation	Transmission Owner

**PJM Attendees:**

Last Name	First Name	Company	Sector
Anders	Dave	PJM Interconnection, LLC	Not Applicable
Baker	Scott	PJM Interconnection, LLC	Not Applicable
Barrett	Francis	PJM Interconnection, LLC	Not Applicable
Berner	Aaron	PJM Interconnection, LLC	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Braptsis	Brat	PJM Interconnection, LLC	Not Applicable
Bresler	Stu	PJM Interconnection, LLC	Not Applicable
Burlew	Jim	PJM Interconnection, LLC	Not Applicable
Callis	Joe	PJM Interconnection, LLC	Not Applicable
Ciabattoni	Joe	PJM Interconnection, LLC	Not Applicable
Coyne	Suzanne	PJM Interconnection, LLC	Not Applicable
Cummings	Brigid	PJM Interconnection, LLC	Not Applicable
Dirani	Rami	PJM Interconnection, LLC	Not Applicable
Eckenrod	Robert	PJM Interconnection, LLC	Not Applicable
Egan	Amanda	PJM Interconnection, LLC	Not Applicable
Eichorn	Sarah	PJM Interconnection, LLC	Not Applicable
Falin	Thomas	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
Hauske	Thomas	PJM Interconnection, LLC	Not Applicable



Helm	Gary	PJM Interconnection, LLC	Not Applicable
Hendrzak	Chantal	PJM Interconnection, LLC	Not Applicable
Herman	Michael	PJM Interconnection, LLC	Not Applicable
Hoang	Liem	PJM Interconnection, LLC	Not Applicable
Horger	Tim	PJM Interconnection, LLC	Not Applicable
Horning	Lynn	PJM Interconnection, LLC	Not Applicable
Hsia	Eric	PJM Interconnection, LLC	Not Applicable
Huang	Nancy	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
Keshavamurthy	Bhavana	PJM Interconnection, LLC	Not Applicable
Kormos	Michael J.	PJM Interconnection, LLC	Not Applicable
Koza	Frank	PJM Interconnection, LLC	Not Applicable
LaRocque	Matthew	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
Ott	Andrew L.	PJM Interconnection, LLC	Not Applicable
Pitts	Marcus	PJM Interconnection, LLC	Not Applicable
Punjabi	Gautham	PJM Interconnection, LLC	Not Applicable
Sasser	Jonathan	PJM Interconnection, LLC	Not Applicable
Schmitt	Jeff	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
Souder	Dave	PJM Interconnection, LLC	Not Applicable
Souder	Michelle	PJM Interconnection, LLC	Not Applicable
Sutton	Stewart	PJM Interconnection, LLC	Not Applicable
Swimm	Nora C.	PJM Interconnection, LLC	Not Applicable
Tam	Simon	PJM Interconnection, LLC	Not Applicable
Thomas	Ken	PJM Interconnection, LLC	Not Applicable
Tribulski	Jennifer	PJM Interconnection, LLC	Not Applicable
Ulmer	David	PJM Interconnection, LLC	Not Applicable
Walter	Laura	PJM Interconnection, LLC	Not Applicable
Ward	David	PJM Interconnection, LLC	Not Applicable
Weiss	Glenn	PJM Interconnection, LLC	Not Applicable
Williams	Stan	PJM Interconnection, LLC	Not Applicable
Withrow	David	PJM Interconnection, LLC	Not Applicable



## **ADMINISTRATION**

Mr. Kormos welcomed the Members and Mr. Anders provided the Anti-trust and Code of Conduct announcements.

## **ENDORSEMENTS/APPROVALS**

### **1. ADMINISTRATION**

Minutes of the April 25, 2013, and May 20, 2013 MRC meetings were **approved** by acclamation with no objections and one abstention.

### **2. PMU DEPLOYMENT**

Ms. Huang presented proposed Manual revisions related to Phasor Measurement Unit (PMU) deployment endorsed by the Planning Committee. Following discussion, the committee **endorsed** the proposed manual revisions by acclamation with four objections and three abstentions.

### **3. COMMODITY FUTURES TRADING COMMISSION (CFTC) EXEMPTION ORDER**

Mr. Eckenrod reviewed the recently-issued CFTC Exemption Order and proposed revisions to the OA and Tariff to comply with conditions in this Order. Ms. Daugherty discussed the provisions of the proposed Tariff Attachments M and Q revisions, and also discussed alternate proposed Attachment Q revisions which differed solely in the financial qualifications of an unlimited guarantor. Ms. Staska moved and Mr. Bleiweis seconded the package of revisions including the alternate proposed Attachment Q revisions. Following discussion the committee **endorsed** the alternate proposed revisions by acclamation with no objections and three abstentions.

### **4. UP-TO CONGESTION (UTC) TRANSACTION CREDIT REQUIREMENTS**

Ms. Daugherty presented proposed credit requirements for UTC transactions. Following discussion, the committee **endorsed** the proposed requirements by acclamation with no objections and one abstention.

### **5. PJM MANUALS**

- A. Mr. O'Neill reviewed manual revisions developed by the Demand Response Subcommittee to address load reduction reporting requirements for emergency demand resources and electronic notification standards for demand resources.
- B. Ms. Coyne presented manual updates for Residual Zone Pricing.
- C. Ms. Cummings presented manual revisions to reflect the integration of EKPC into the PJM footprint.
- D. Mr. Boyle reviewed manual changes to M-36: System Restoration related to new NERC Standards EOP-005-2 and EOP-006-2.
- E. Mr. Thomas reviewed changes to Manual 03A: Energy Management System (EMS) Model Updates and Quality Assurance.
- F. Mr. Schmitt reviewed proposed revisions to Manual 11: Energy & Ancillary Service Market Operations and Manual 15: Cost Development regarding Regulation Market Cost-Based Offers
- G. Mr. Anders reviewed proposed revisions to Manual 35: Definitions and Acronyms.
- H. Mr. Sims presented manual 14B: PJM Region Transmission Planning Process updates for the implementation of NERC standard PRC-023-2
- I. Mr. Hoang reviewed changes to Manual 03: Transmission Operations.

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



## **6. FTR FORFEITURE RULE CHANGES**

Mr. Bresler presented proposed Manual revisions regarding the FTR Forfeiture rule as it applies to Inc/Dec transactions. Following discussion the committee **endorsed** the proposed manual revisions by acclamation with no objections and two abstentions. Dr. Bowring presented a proposed problem statement regarding review and potential updating of the FTR Forfeiture rule. Mr. O'Connell moved and Ms. Skucas seconded that the proposed problem statement and that it be assigned to the Market Implementation Committee. Following discussion the committee **approved** the motion by acclamation with 16 objections and two abstentions.

### **BASE RESIDUAL AUCTION (BRA) RESULTS**

Mr. Ott provided a brief overview of the 2016/2017 BRA results. Mr. Bresler requested that members provide suggestions for sensitivity analyses to Mr. Bresler or Mr. Bastian by June 13, 2013 for discussion at the next meeting of the committee.

### **RECESS**

The MRC recessed to permit a brief special Members Committee meeting for the purpose of approving/endorsing proposed revisions to the OA and Tariff to comply with the recently-issued CFTC Exemption Order and the UTC credit requirements.

### **EIPC GAS/ELECTRIC STUDY**

Mr. Helm provided an overview of the planned Eastern Interconnection Planning Collaborative Gas/Electric Study. In particular he discussed the phases of the study, including: Developing a baseline of the existing natural gas-electric system Interfaces, evaluating the capability of the natural gas systems to satisfy the needs of the electric systems, identifying natural gas system contingencies that could impact electric system reliability and vice versa, and reviewing dual fuel capability. He also discussed development of the scope of work for the study and opportunities for stakeholder input.

## **7. ENERGY MARKET UPLIFT COSTS**

Ms. Walter presented a proposed problem statement and issue charge regarding a holistic review of operating reserves. Following discussion the committee **approved** the problem statement and issue charge by acclamation with no objections and one abstention.

## **8. MINIMUM OFFER PRICE RULE (MOPR) COMPLIANCE FILING**

Mr. Ott provided a summary of PJM's filing in response to the recent FERC order regarding MOPR. He discussed a summary of the compliance directive and an overview of the PJM planned responses, and noted the short time frame for response allowed by the FERC order.

### **FIRST READINGS**

## **9. MOPR UNIT SPECIFIC EXEMPTION**

Mr. Ott and Dr. Bowring presented a proposed problem statement and issue charge to refine the MOPR Unit Specific Exemption. Mr. Tatum moved and Mr. Barker seconded that the problem statement and issue charge be approved at their first read, including assignment to the Capacity Senior Task Force (CSTF). Mr. Hall proposed a friendly amendment to require that the CSTF as its first activity review the scope of work and propose any modifications to the MRC for approval. There were no objections to this proposed amendment and therefore it was incorporated into the main motion. Following discussion the committee **approved** the motion to approve problem statement and issue charge by acclamation with no objection and two abstentions.

## **10. FTR MODELING PROPOSALS**

Mr. Horger presented recommendations for FTR modeling changes, which were developed by the FTR Task Force.



The committee will be asked to endorse the recommended Tariff and manual revisions at its next meeting.

**11. SUSPENSION OF DAY-AHEAD MARKET FOR LOSS OF INTERNET**

Mr. Fernandez reviewed proposed Tariff revisions developed to address suspension of the day-ahead market when loss of the internet or other extraordinary circumstances prevents the execution of the day-ahead market. The committee will be asked to endorse the proposed Tariff revisions at its next meeting.

**12. REGIONAL PLANNING PROCESS TASK FORCE (RPPTF)**

- A. Mr. Barrett presented recommendations developed by the RPPTF related to Market Efficiency projects. The committee will be asked to endorse the recommendations at its next meeting.
- B. Mr. Barrett provided an update on the RPPTF's development of the Multi-Driver approach and PJM's Order 1000 compliance filing. He noted that specific proposals were expected to be brought to the MRC for first read at the committee's next meeting.

**13. DEMAND RESPONSE PROBLEM STATEMENT**

Mr. Ott presented a proposed problem statement and issue charge regarding demand response resources as operational capacity resources. He invited comments on the proposed problem statement and issue charge prior to the committee being asked to approve the proposed problem statement at its next meeting.

**14. GAS ELECTRIC SENIOR TASK FORCE (GESTF)**

Mr. McNamara discussed the formation, accomplishments to date and planned work activities of the GESTF, and also presented the draft charter for the GESTF. The committee will be asked to approve the draft charter at its next meeting.

**15. TARIFF AND OA ERRATA**

Ms. Huges presented proposed errata revisions to the OA and Tariff. The committee will be asked to endorse the proposed revisions at its next meeting.

**16. REPLACEMENT CAPACITY**

This item was removed from the agenda.

**17. TRANSPARENCY OF TO CALCULATIONS**

Mr. Weishaar presented a proposed problem statement regarding the levels of transparency related to certain Transmission Owner calculations. It was suggested that this item be reviewed with the Transmission Owners' Agreement – Administrative Committee. The committee may be asked to approve the proposed problem statement at its next meeting.

**18. PJM MANUALS**

- A. Mr. Ogburn presented proposed manual revisions to include: clarifications for regulation market intra hour commitment; correction for regulating resources responding to a synchronized reserve; update to the procedure for units changing schedules due to fuel availability and for units to recoup manning costs in instances when the manning costs could not be foreseen and clarifications and clean up revisions for Shortage Pricing rules. The committee will be asked to endorse the revisions at its next meeting.
- B. Mr. Schweizer reviewed changes to Manual 14D: Generation Operational Requirements. The committee will be asked to endorse these changes at its next meeting.



**FUTURE AGENDA ITEMS**

No new future agenda items were identified.

**FUTURE MEETINGS**

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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