

Markets & Reliability Committees
PJM Conference and Training Center, Audubon, PA / WebEx
August 24, 2023
9:00 a.m. – 11:45 a.m. EPT

Administration

Stu Bresler and David Anders welcomed stakeholders and provided the Anti-trust, Code of Conduct, and Meeting Participation announcements. Stu Bresler noted that due to the unavailability of the presenter for agenda item 6, that item will be deferred to a future meeting.

Consent Agenda

Items A and B were **approved/endorsed** by acclamation with no objections or abstentions:

- A. Draft minutes of the July 26, 2023 meeting of the Markets and Reliability Committee.
- B. Proposed revisions to Manual 13: Emergency Operations addressing upcoming NERC EOP-011 Requirements.

Endorsements

1. Enhancements to Deactivation Rules Issue Charge

Paul McGlynn reviewed a Problem Statement and proposed Issue Charge addressing enhancements to deactivation rules.

Lynn Horning, AMP, offered an amendment to add “Operations” at the beginning of Areas in Scope – Phase II item 2 as shown below:

“2. Triggers: **Operational** reasons other than ...”

Sponsors of the Issue Charge accepted this amendment and therefore it was included in the proposed Issue Charge.

Paul Sotkiewicz, J-Power, offered a proposed amendment to add “... energy and capacity market ...” in Areas in Scope Phase II item 3 as follows:

“3. Are included in the **energy and capacity market** supply stacks; ...”

and to copy the last sentence of Key Work activity 3 at the end of Areas in Scope Phase II item 3.

Sponsors of the Issue Charge accepted this amendment and therefore it was included in the proposed Issue Charge.

Paul Sotkiewicz moved and Erik Heinle, Vistra, seconded to defer voting on the proposed Issue Charge until the committee’s next meeting. The motion **passed** in a sector-weighted vote with 4.159 in favor.

2. Peak Market Activity

Yong Hu reviewed a proposed solution and corresponding Tariff revisions addressing the peak market activity issue as endorsed by the Risk Management Committee. Following discussion, the proposed solution and corresponding Tariff revisions were **endorsed** upon first read in a sector-weighted vote with 4.221 in favor

[Issue Tracking: Peak Market Activity Credit Requirement](#)

First Readings

3. Reserve Certainty Issue Charge

Paul McGlynn provided a second first read of a Problem Statement and proposed Issue Charge addressing reserve certainty. The committee will be asked to approve the proposed Issue Charge at its next meeting.

4. Manuals

- A. Ryan Nice reviewed proposed revisions to Manual 01: Control Center and Data Exchange Requirements resulting from its periodic review. The committee will be asked to endorse the revisions at its next meeting.
- B. Frank Hartman reviewed proposed revisions to Manual 12: Balancing Operations to address clarifying language to the synchronized reserve deployment procedure. The committee will be asked to endorse the revisions at its next meeting.
- C. Suzanne Coyne reviewed proposed revisions to Manual 28: Operating Agreement Accounting resulting from its periodic review and conforming to the Undefined RegA Mileage Ratio FERC order EL21-83- 000 effective on April 4, 2023. The committee will be asked to endorse the revisions at its next meeting.

Informational Reports

5. eDART to SSO Account Migration

Maria Baptiste provided an overview of the upcoming migration of eDART accounts to Single Sign On accounts in Account Manager.

6. Update from PJM's Chief Compliance Officer

This item was deferred to a future meeting.

Future Agenda Items

No new future agenda items were identified.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location		
<i>September 20, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	September 8, 2023	September 13, 2023
<i>October 25, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	October 13, 2023	October 18, 2023
<i>November 15, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	November 3, 2023	November 8, 2023
<i>December 20, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	December 8, 2023	December 13, 2023

Author: D. Anders

Meeting Attendance

Chair/Secretary

Last Name	First Name	Company	Sector
Bresler	Stu	PJM Interconnection LLC	Not Applicable
Anders	Dave	PJM Interconnection LLC	Not Applicable

Voting Attendees

Last Name	First Name	Company	Sector
Barker	Jason	Vitol Inc.	Generation Owner
Borgatti	Michael	Energy Harbor LLC	Generation Owner
Borgatti	Michael	Moxie Freedom LLC	Generation Owner
Borgatti	Michael	Hill Top Energy Center, LLC	Generation Owner
Borgatti	Michael	Jersey Green Energy, LLC	Other Supplier
Borgatti	Michael	York County Solid Waste and Refuse Authority	Generation Owner
Borgatti	Michael	Hazleton Generation LLC	Generation Owner
Borgatti	Michael	Longview Power, LLC	Generation Owner
Borgatti	Michael	NextEra Energy Marketing, LLC	Other Supplier
Borgatti	Michael	Recurrent Energy, LLC	Other Supplier
Borgatti	Michael	Lincoln Generating Facility, LLC	Generation Owner
Bruce	Susan	Gerdau Ameristeel Energy, Inc.	End-Use Customer
Bruce	Susan	Letterkenny Industrial Development Authority - PA	Electric Distributor
Bruce	Susan	Cleveland-Cliffs Steel LLC	End-Use Customer
Bruce	Susan	MeadWestvaco Corporation	End-Use Customer
Bruce	Susan	Linde Inc.	End-Use Customer
Bruce	Susan	Lehigh Portland Cement Company	End-Use Customer
Bruce	Susan	Air Products & Chemicals, Inc.	End-Use Customer
Bruce	Susan	Procter & Gamble Paper Products Company (The)	End-Use Customer
Bruce	Susan	Messer LLC	End-Use Customer
Bruce	Susan	Kimberly-Clark Corporation	Generation Owner
Bruce	Susan	Wellsboro Electric Company	Electric Distributor
Bruce	Susan	Trustees of the University of Pennsylvania	End-Use Customer
Canter	David	Appalachian Power Company	Transmission Owner
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Davis	James	Virginia Electric & Power Company	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Esquivel	Manuel	Enel X North America, Inc.	Other Supplier
Foladare	Kenneth	Geenex Solar LLC	Other Supplier

Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Fuess	Christian	NextPower III US Holdco Inc.	Generation Owner
Fuess	Christian	lctec.com, Inc.	Other Supplier
Fuess	Christian	PBF Power Marketing, LLC	End-Use Customer
Fuess	Christian	Kuehne Chemical Company, Inc.	End-Use Customer
Fuess	Christian	Diamond State Generation Partners, LLC	Generation Owner
Hoatson	Tom	Riverside Generating Company, L.L.C.	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hyzinski	Thomas	GenOn Energy Management, LLC	Generation Owner
Hyzinski	Thomas	Dynegy Marketing and Trade, LLC	Generation Owner
Hyzinski	Thomas	Carroll County Energy LLC	Generation Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jardot	Gina	NRG Business Marketing LLC	Other Supplier
Johnson	Carl	Easton Utilities Commission	Electric Distributor
Johnson	Carl	Old Dominion Electric Cooperative	Electric Distributor
Johnson	Carl	Indiana Municipal Power Agency	Electric Distributor
Johnson	Carl	North Carolina Electric Membership Corporation	Electric Distributor
Johnson	Carl	Michigan Public Power Agency	Electric Distributor
Johnson	Carl	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Johnson	Carl	Borough of Mont Alto, Pennsylvania	Electric Distributor
Johnson	Carl	Thurmont Municipal Light Company	Electric Distributor
Johnson	Carl	Town of Williamsport (The)	Electric Distributor
Johnson	Carl	WPPI Energy	Other Supplier
Johnson	Carl	Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Borough of Chambersburg	Electric Distributor
Johnson	Carl	Energy Cooperative Association of Pennsylvania (The)	Other Supplier
Johnson	Carl	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Buckeye Power, Inc.	Electric Distributor
Johnson	Carl	Central Virginia Electric Cooperative	Electric Distributor
Johnson	Carl	City of Dover, Delaware	Electric Distributor
Johnson	Carl	Hagerstown Light Department	Electric Distributor
Johnson	Carl	Illinois Municipal Electric Agency	Electric Distributor
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Mason	Gary	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Nix	Emma	Leeward Asset Management, LLC	Generation Owner
Poulos	Greg	Delaware Division of the Public Advocate	End-Use Customer
Poulos	Greg	Illinois Citizen Utility Board	End-Use Customer
Poulos	Greg	Public Staff - North Carolina Utilities Commission	End-Use Customer
Poulos	Greg	Office of the People's Counsel for the District of Columbia	End-Use Customer
Poulos	Greg	Pennsylvania Office of Consumer Advocate	End-Use Customer
Poulos	Greg	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Rettig	Kacie	Rockland Electric Company	Transmission Owner
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner
Swalwell	Bradley	Tangent Energy Solutions, Inc.	Other Supplier
Swigonski	Frank	Pine Gate Mid-Atlantic, LLC	Generation Owner
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
Vayda	Brian	Borough of Pemberton, New Jersey	Electric Distributor
Vayda	Brian	Borough of Butler, Butler Electric Division	Electric Distributor
Vayda	Brian	Borough of Madison, New Jersey	Electric Distributor

Vayda	Brian	Borough of Lavallette, New Jersey	Electric Distributor
Vayda	Brian	Borough of Seaside Heights, New Jersey	Electric Distributor
Vayda	Brian	Vineland Municipal Electric Utility	Electric Distributor
Vayda	Brian	Borough of South River, New Jersey	Electric Distributor
Vayda	Brian	Borough of Milltown, New Jersey	Electric Distributor
Vayda	Brian	Borough of Park Ridge, New Jersey	Electric Distributor
Walcavich	Colin	Green River Holdings, LLC	Generation Owner
Whitehead	Jeffrey	Wheelabrator Falls Inc.	Generation Owner
Whitehead	Jeffrey	Parkway Generation Operating LLC	Generation Owner
Whitehead	Jeffrey	Essential Power Rock Springs, LLC	Generation Owner
Yovanovich	Laura	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner

Non-Voting Attendees

Last Name	First Name	Company	Sector
Aitoro	David	Voltus, Inc.	Other Supplier
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Baker	Laura	Stone Mattheis Xenopoulos & Brew, PC	None
Benckek	James	American Transmission Systems, Inc.	Transmission Owner
Berthiaume	Scott	Rockland Electric Company	Transmission Owner
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Boneck	Steve	Statar Capital LLC	None
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Burkholder	Joshua	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Carmean	Gregory	Organization of PJM States, Inc.	None
Christopher	Mahila	Public Utilities Commission of Ohio	None
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Conant	Portia	Yes Energy LLC	None
Concina	Wendell	Commonwealth Edison Company	Transmission Owner
Corash	Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Cox	Jason	EQ Energy Advisors, LLC	None
Dadourian	John	Monitoring Analytics	None
Davis	David	Apex Clean Energy Holdings, LLC	None
DeAngelis	Tom	East Point Energy	None
Dillon	Matthew	UGI Development Company	Generation Owner
Dorko	Keri	Monitoring Analytics	None
Duensing	Allison	Saracen Energy East LP	Other Supplier
Edmonds	Brian	DC Public Service Commission	None
Ericson	Christine	Illinois Commerce Commission	None
Fink	Sari	American Wind Energy Association	None
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Ghosh	Abhishek	Cypress Creek Renewables, LLC	Generation Owner
Gilani	Rehan	RWE CLEAN ENERGY WHOLESALE SERVICES, INC.	Other Supplier
Gordon	Jonathan	Advanced Energy Economy	None
Gorman	Bradley	American Transmission Systems, Inc.	Transmission Owner
Gorman	Kevin	The Highlands Energy Group, LLC	Other Supplier
Heinle	Frederick	Dynegy Marketing and Trade, LLC	Generation Owner
Himmelspach	Treasa	Appalachian Power Company (APCO Dedicated)	Transmission Owner
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hugee	Jacquelynn	Dominion Virginia Power	Transmission Owner
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hurd	Shawn	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyatt	Earl	Monitoring Analytics	None

Jones	Scott	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-use Customer
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Kogut	George	New York Power Authority	Other Supplier
Kozlowski	Brian	Alphataraxia Palladium LLC	Other Supplier
Kroh	Judson	Ebensburg Power Company	Generation Owner
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Leith-Yessian	Devin	RTOinsider	None
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End-use Customer
Matheson	Eric	Non-member	None
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
McClelland	Maura	Public Utilities Commission of Ohio	None
McCormick	Katharine	Illinois Commerce Commission	None
McDewell	Christian	Pennsylvania Public Utility Commission	None
McNeil	Justin	Kentucky Public Service Commission	None
McNicholas	Daniel	Nautilus Power, LLC	Generation Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mitchell	Miles	Maryland Public Service Commission	None
Mooney	Jeffrey	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Olinger	Robert	Keystone-Conemaugh Projects, LLC (Keystone)	Other Supplier
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Parrott	Keith	Michigan Public Power Agency	Electric Distributor
Peoples	John	Duquesne Light Company	Transmission Owner
Pfeiff	Mike	Kindle Energy LLC	None
Phillips	Amanda	Aces Power Marketing	None
Price	Ruth	Delaware Division of the Public Advocate	End-use Customer
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Redwine	Arlo	Federal Energy Regulatory Commission	None
Richards	Wade	Apex Clean Energy Holdings, LLC	None
Rode	Advait	Michigan Public Service Commission	None
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Samb	Massamba	BrightNight	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Schack	Steven	Non-member	None
Scheidecker	Paul	Monitoring Analytics	None
Schreim	Morris	Maryland Public Service Commission	None
Selick	Sam	Customized Energy Solutions, Ltd.	None
Skumanich	Bill	RTR Energy Solutions LLC	None
Sorrels	James	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Sparks	Bridget	sPower Development Company, LLC	None
Spencer	Mark	LSP University Park, LLC	Generation Owner
Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stadelmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Stinner	Doug	RWE Clean Energy, LLC	Generation Owner
Stone	Andy	Non-member	None
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Summers	Clara	Illinois Citizens Utility Board	None
Sussler	Philip	Maryland Office of People's Counsel	End-use Customer
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Theodore	Sharon	EPSA	None
Thompson	Chimera	K&L Gates	None

Tian	Xueqi	White Peak Energy LLC	Other Supplier
Tyler	Catherine	Monitoring Analytics	None
VanderLaan	Bill	Illinois Commerce Commission	None
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Wagar	Benjamin	Jersey Central Power and Light (Yards Creek)	Transmission Owner
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Wilson	James	Wilson Economics	None
Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
Yasutake	Sarah	Jersey Green Energy LLC	Other Supplier
York	Denver	East Kentucky Power Cooperative, Inc.	Transmission Owner

PJM Attendees

Last Name	First Name	Company	Sector
Afelumo	Foluso	PJM Interconnection	None
Almonte	Arelis	PJM Interconnection	None
Anders	David	PJM Interconnection	None
Arkatin	Tyler	PJM Interconnection	None
Baptiste	Maria	PJM Interconnection	None
Barker	Christina	PJM Interconnection	None
Barker	Christina	PJM Interconnection	None
Belenky	Maria	PJM Interconnection	None
Bennett	Daniel	PJM Interconnection	None
Berner	Aaron	PJM Interconnection	None
Bonner	Kevin	PJM Interconnection	None
Boyle	Glen	PJM Interconnection	None
Bresler	Stu	PJM Interconnection	None
Bryson	Michael	PJM Interconnection	None
Cabezas	Angela	PJM Interconnection	None
Cao	Roger	PJM Interconnection	None
Carroll	Rebecca	PJM Interconnection	None
Caven	Augustine	PJM Interconnection	None
Celep	Faith	PJM Interconnection	None
Chmielewski	Brian	PJM Interconnection	None
Cobb	Jacqueline	PJM Interconnection	None
Collins	Ryan	PJM Interconnection	None
Connolly	Matthew	PJM Interconnection	None
Coscia	Carl	PJM Interconnection	None
Coyne	Suzanne	PJM Interconnection	None
Croop	Danielle	PJM Interconnection	None
D'Antonio	Phil	PJM Interconnection	None
Dajewski	Paul	PJM Interconnection	None
Davis	Becky	PJM Interconnection	None
DeViscio	Mike	PJM Interconnection	None
DeVita	Thomas	PJM Interconnection	None
Downs	Jere	PJM Interconnection	None
Drauschak	Lisa	PJM Interconnection	None
Egan	Amanda	PJM Interconnection	None
Esterly	Theresa	PJM Interconnection	None
Fan	Zhenyu	PJM Interconnection	None
Feng	Julan	PJM Interconnection	None
Fereshetian	Damon	PJM Interconnection	None
Fitzpatrick	Brian	PJM Interconnection	None
Frogg	Darrell	PJM Interconnection	None
Gates	Jill	PJM Interconnection	None
Glazer	Craig	PJM Interconnection	None

Handlin	Mike	PJM Interconnection	None
Haque	Asim	PJM Interconnection	None
Hartman	Frank	PJM Interconnection	None
Hatch	Kevin	PJM Interconnection	None
Hauske	David	PJM Interconnection	None
Helm	Gary	PJM Interconnection	None
Hendrzak	Chantal	PJM Interconnection	None
Herel	Suzanne	PJM Interconnection	None
Hislop	David	PJM Interconnection	None
Horger	Tim	PJM Interconnection	None
Hu	Yong	PJM Interconnection	None
Keech	Adam	PJM Interconnection	None
Kelly	Gwen	PJM Interconnection	None
Keshavamurthy	Bhavana	PJM Interconnection	None
Kimmel	David	PJM Interconnection	None
Lai	Erin	PJM Interconnection	None
LaRocque	Matt	PJM Interconnection	None
Lee	Ray	PJM Interconnection	None
Lockwood	Dan	PJM Interconnection	None
Lu	Chenchao	PJM Interconnection	None
Lynn	Brian	PJM Interconnection	None
Mali	Gizella	PJM Interconnection	None
Marzewski	Skyler	PJM Interconnection	None
Mathew	Lagy	PJM Interconnection	None
Matticola	Michele	PJM Interconnection	None
McGill	Susan	PJM Interconnection	None
McGlynn	Paul	PJM Interconnection	None
Messina	Emmy	PJM Interconnection	None
Morelli	Lisa	PJM Interconnection	None
Mroz	David	PJM Interconnection	None
Muhl	Nancy	PJM Interconnection	None
Nice	Ryan	PJM Interconnection	None
Oakes	Brian	PJM Interconnection	None
Patel	Anita	PJM Interconnection	None
Patel	Keyur	PJM Interconnection	None
Perera	Asanga	PJM Interconnection	None
Phillips	Darlene	PJM Interconnection	None
Pincus	Steve	PJM Interconnection	None
Scheirer	Alexandra	PJM Interconnection	None
Scherling	Eric	PJM Interconnection	None
Schuyler	Ken	PJM Interconnection	None
Souder	Michelle	PJM Interconnection	None
Staevska	Asya	PJM Interconnection	None
Stefanowicz	Vince	PJM Interconnection	None
Terranova	Chris	PJM Interconnection	None
Tribulski	Jennifer	PJM Interconnection	None
Vinnik	Daniel	PJM Interconnection	None
Wharton	Matthew	PJM Interconnection	None
Widom	Stu	PJM Interconnection	None
Zhang	Michael	PJM Interconnection	None