

Energy Price Formation Sr. Task Force
PJM Conference and Training Center
January 29, 2018
10:00 a.m. – 4:00 p.m. EPT

Administration (10:00-10:10)

1. Welcome, announcements, PJM meeting guidelines, roll call, Anti-trust and Code of Conduct announcements
2. The Senior Task Force approved draft minutes from the January 18, 2018 Energy Price Formation Senior Task Force meeting.

Task Force Initiation (10:10-2:00)

3. Draft Charter (10:10-11:45)

Mr. Anders reviewed the latest version of the draft charter for the Energy Price Formation Sr. Task Force (EPFSTF). Mr. Anders also reviewed suggestions that were submitted by other stakeholders. All suggestions will be taken into account and a redline version will be reviewed at the 2.15.2018 meeting.

4. Workplan Update (11:45-12:00)

Mr. Anders led a discussion of the workplan and meeting schedule for the EPFSTF. The workplan will be updated based on comments on the charter.

Lunch (12:00 - 12:30)

5. Interest Identification (12:30-1:30)

Mr. Anders led a discussion around interest identification for the EPFSTF. Interests were captured based on stakeholder's feedback.

6. Identification of Design Criteria (1:30-2:00)

Mr. Anders led a discussion around identification of design criteria for key work activity item 2 from the issue charge, more specifically discussing the objective of pricing. Design criteria were captured based on stakeholder's feedback.

Break (2:00 - 2:10)

Senior Task Force Education (2:10-3:30)

7. Senior Task Force Education

- A. Mr. Anders led a discussion around education plans for the Senior Task Force.
- B. Dr. Anthony Giacomoni led an education session around Locational Marginal Pricing calculation and uplift.

Fast-Start Resources (3:30-4:00)

8. FERC Docket EL18-34-000

Ms. Lisa Morelli provided an update to the FERC Order Instituting Section 206 Proceeding and Commencing Paper Hearing Procedures and Establishing Refund Procedures issued on December 21, 2017 regarding fast-start resources.

Future Agenda Items

Future Meeting Dates

February 15, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
March 5, 2018	10:00 a.m.	PJM Conference & Training Center/ WebEx
March 29, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
April 9, 2018	10:00 a.m.	PJM Conference & Training Center/ WebEx
May 4, 2018	9:00 a.m.	The Chase Center on the Riverfront/WebEx
May 23, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
June 8, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
June 25, 2018	10:00 a.m.	PJM Conference & Training Center/ WebEx
July 17, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
August 6, 2018	10:00 a.m.	PJM Conference & Training Center/ WebEx
August 22, 2018	10:00 a.m.	PJM Conference & Training Center/ WebEx
September 10, 2018	10:00 a.m.	PJM Conference & Training Center/ WebEx

Author: Vijay Shah

In Attendance (In Person)

Last Name	First Name	Name	Company	Sector
Anders	David	Anders, David	PJM Interconnection, LLC	Not Applicable
Bleiweis	Bruce	Bleiweis, Bruce	DC Energy LLC	Other Supplier
Borgatti	Michael	Borgatti, Michael	Gabel and Associates	Not Applicable
Bruce	Susan	Bruce, Susan	McNees Wallace & Nurick LLC	Not Applicable
Burdis	Tim	Burdis, Tim	PJM Interconnection, LLC	Not Applicable
Ciabattoni	Joseph	Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
Fitch	Neal	Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foladare	Kenneth	Foladare, Kenneth	Tangibl	Not Applicable
Ford	Adrien	Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Gardner	Michelle	Gardner, Michelle	NextEra Energy Power Marketing, LLC	Generation Owner
Giacomoni	Anthony	Giacomoni, Anthony	PJM Interconnection, LLC	Not Applicable
Horger	Tim	Horger, Tim	PJM Interconnection, LLC	Not Applicable
Johnson	Carl	Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Keech	Adam	Keech, Adam	PJM Interconnection, LLC	Not Applicable
Kenney	Susan	Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kilgallen	Kevin	Kilgallen, Kevin	Avangrid Renewables LLC	Generation Owner
Kogut	George	Kogut, George	New York Power Authority	Other Supplier

Marcino	Angelo	Marcino, Angelo	PJM Interconnection, LLC	Not Applicable
Matheson	Eric	Matheson, Eric	Pennsylvania Public Utility Commission	Not Applicable
Maxwell	Melissa	Maxwell, Melissa	PJM Interconnection, LLC	Not Applicable
Midgley	Sharon	Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Morelli	Lisa	Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
Nix	Emma	Nix, Emma	PJM Interconnection, LLC	Not Applicable
O'Connell	Robert	O'Connell, Robert	PPGI Fund A/B Development, LLC	Generation Owner
Pakula	Maggie	Pakula, Maggie	Invenergy, LLC	Generation Owner
Park	Jinny	Park, Jinny	PJM Interconnection, LLC	Not Applicable
Perera	Asanga	Perera , Asanga	PJM Interconnection, LLC	Not Applicable
Pratzon	David	Pratzon, David	GT Power Group	Not Applicable
Price	Ruth	Price, Ruth	Division of the Public Advocate of the State of Delaware	End User Customer
Ravi	Satish	Ravi, Satish	Atlantic Power Corporation	Not Applicable
Scarpignato	David	Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Shah	Vijay	Shah, Vijay	PJM Interconnection, LLC	Not Applicable
Thomas	Jack	Thomas , Jack	PJM Interconnection, LLC	Not Applicable
Tribulski	Jennifer	Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Tyler	Catherine	Tyler, Catherine	Monitoring Analytics	Not Applicable
Velasco	Cheryl Mae	Velasco, Cheryl Mae	PJM Interconnection, LLC	Not Applicable
Wadsworth	Joseph	Wadsworth, Joseph	Vitol Inc.	Other Supplier
Warshel	Kim	Warshel, Kim	PJM Interconnection, LLC	Not Applicable
Whitehead	Jeffrey	Whitehead, Jeffrey	GT Power Group	Not Applicable

In Attendance (Teleconference)

Last Name	First Name	Name	Company	Sector
Ainspan	Malcolm	Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Azar	Abe	Azar, Abe	DB Energy Trading LLC	Other Supplier
Bagot	Nancy	Bagot, Nancy	Electric Power Supply Association	Not Applicable
Barker	Jason	Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Benckek	Jim	Benckek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Berlinski	Mike	Berlinski, Mike	Customized Energy Solutions, Ltd.*	Not Applicable
Bickerstaff	Dean	Bickerstaff, Dean	Hartree Partners	Other Supplier
Bolan	Martin	Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Brodbeck	John	Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Brown	Rich	Brown, Rich	PJM Interconnection, LLC	Not Applicable
Brozina	Mark	Brozina, Mark	Tangibl LLC	Not Applicable
Carmean	Gregory	Carmean, Gregory	OPSI	Not Applicable
Cawley	Troy	Cawley, Troy	PJM Interconnection, LLC	Not Applicable

Chintapalli	Raj	Chintapalli, Raj	Galt Power Inc.	Other Supplier
Chung	Taewoo	Chung, Taewoo	Millenium	Not Applicable
Coyle	Billy	Coyle, Billy	Dominion Virginia Power	Not Applicable
Crystle	Gil	Crystle, Gil	UGI Development Company	Transmission Owner
Dailey	Michael	Dailey, Michael	Northern Virginia Electric Cooperative	Electric Distributor
Daugherty	Suzanne	Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
DeBellis	Eric	DeBellis, Eric	Environmental Law and Policy Center	Not Applicable
DeLosa	Joseph	DeLosa, Joseph	DE Public Service Commission	Not Applicable
DePillo	Raymond	DePillo, Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
Dillon	Matthew	Dillon, Matthew	UGI Development Company	Generation Owner
DiNicola	Laura	DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Dolan	Ryan	Dolan, Ryan	AEP Energy Partners, Inc.	Other Supplier
Domian	Christin	Domian, Christin	Mitsubishi Electric Power Products Inc.	Not Applicable
Driscoll	Mary Ellen	Driscoll, Mary Ellen	PJM Interconnection, LLC	Not Applicable
Dugan	Chuck	Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fan	Zhenyu	Fan, Zhenyu	PJM Interconnection, LLC	Not Applicable
Feliks	Kent	Feliks, Kent	Appalachian Power Company	Transmission Owner
Fereshetian	Damon	Fereshetian, Damon	PJM Interconnection, LLC	Not Applicable
Filomena	Guy	Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fink	Sari	Fink, Sari	Office of the Ohio Consumers' Counsel	End User Customer
Fondacci	Luis	Fondacci, Luis	North Carolina Electric Membership Corporation	Electric Distributor
Gebolys	Debbie	Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Genuario	Gabrielle	Genuario, Gabrielle	PJM Interconnection, LLC	Not Applicable
Gilani	Rehan	Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Gillam	Henry	Gillam, Henry	Hartree Partners, LP	Other Supplier
Ginsberg	Ilana	Ginsberg, Ilana	Exelon Business Services Company, LLC	Transmission Owner
Grimes	Jordan	Grimes, Jordan	Morningstar Commodity Data	Not Applicable
Guerry	Katie	Guerry, Katie	EnerNOC, Inc.	Not Applicable
Guo	JauJia	Guo, JauJia	Appalachian Power Company	Transmission Owner
Hamilton	Brian	Hamilton, Brian	North American Electric Reliability Corporation	Not Applicable
Hanser	Erik	Hanser, Erik	Michigan Public Service Commission	Not Applicable
Hart	Joy	Hart, Joy	North Carolina Electric Membership Corporation	Electric Distributor
Hastings	David	Hastings, David	Market Interconnection LLC	Not Applicable
Hawkins	Peterson	Hawkins, Peterson	Luminus Management, LLC	Not Applicable
Hoatson	Tom	Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hohenshilt	Jennifer	Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook	Ruth	Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Horstmann	John	Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Huang	Henry	Huang, Henry	Constellation Energy Services, Inc.	Other Supplier

Hunter	Rebecca	Hunter, Rebecca	Calpine Energy Services, L.P.	Generation Owner
Hurley	Dan	Hurley, Dan	Maryland PSC	Not Applicable
Hyzinski	Tom	Hyzinski, Tom	GT Power Group	Not Applicable
Janicki	Diane	Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jardot	Gina	Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Kamppila	Stephen	Kamppila, Stephen	Essential Power LLC	Generation Owner
Kauffman	Brian	Kauffman, Brian	NRG Curtailment Solutions	Other Supplier
LaRocque	Matthew	LaRocque, Matthew	PJM Interconnection, LLC	Not Applicable
LeBris Erffmeyer	Jacques	LeBris Erffmeyer, Jacques	Illinois Citizens Utility Board	End User Customer
Li	Kanning	Li, Kanning	PJM Interconnection, LLC	Not Applicable
Mabry	David	Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Matzen	Jeff	Matzen, Jeff	Dominion Retail, Inc.	Not Applicable
Murray	Kevin	Murray, Kevin	McNees Wallace & Nurick LLC	Not Applicable
Nawaz	Zainab	Nawaz, Zainab	NJ Board of Public Utilities	Not Applicable
Noewer	Sharon	Noewer, Sharon	Other	Not Applicable
Ondayko	Brock	Ondayko, Brock	Appalachian Power Company	Transmission Owner
Pakela	Greg	Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Patel	Keyurbhai	Patel, Keyurbhai	PJM Interconnection, LLC	Not Applicable
Pelletier	Eveline	Pelletier, Eveline	Hydro-Quebec	Not Applicable
Peoples	John	Peoples, John	Duquesne Light Company	Transmission Owner
Picardi	Matt	Picardi, Matt	Shell Energy North America (US), LP	Other Supplier
Powers	Sean	Powers, Sean	Linde Energy Services, Inc.	End User Customer
Rajan	Abhijit	Rajan, Abhijit	Dominion Resources	Not Applicable
Ramsey	James	Ramsey, James	Suffolk Fund LLC	Other Supplier
Reichert	Joshua	Reichert, Joshua	Scotia Bank	Not Applicable
Rismiller	Randy	Rismiller, Randy	Illinois Commerce Commission	Not Applicable
Roberts	Casey	Roberts, Casey	Sierra Club	Not Applicable
Ruck	Andrew	Ruck, Andrew	PSEG Energy Resources and Trade, LLC	Other Supplier
Saini	Ishwar	Saini, Ishwar	Macquarie Energy LLC	Other Supplier
Sanders	Melanie	Sanders, Melanie	Exelon Business Services Company, LLC	Transmission Owner
Sasser	Jonathan	Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schneider	Jonathan	Schneider, Jonathan	FirstEnergy Solutions Corp.	Transmission Owner
Schreim	Morris	schreim, morris	Maryland Public Service Commission	Not Applicable
Schuyler	Ken	Schuyler, Ken	PJM Interconnection, LLC	Transmission Owner
Seibel	August	Seibel, August	Roundtop Energy LLC	Generation Owner
Shanker	Roy	Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sillin	John	Sillin, John	The Federal Energy Regulatory Commission	Not Applicable
Sock	Bryan	Sock, Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Stoddard	Robert	Stoddard, Robert	Power Market Economics	Not Applicable

Sweeney	Rory	Sweeney, Rory	RTO Insider	Not Applicable
Synnott	Ian	Synnott, Ian	Blackstart Capital	Not Applicable
Thompson	Matt	Thompson, Matt	XO Energy MA, LP	Other Supplier
Trayers	Barry	Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Tsao	Stephanie	Tsao, Stephanie	SPGlobal	Not Applicable
Vargo	Daniel	Vargo, Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Walter	Laura	Walter, Laura	PJM Interconnection, LLC	Not Applicable
Ward	Michael	Ward, Michael	PJM Interconnection, LLC	Not Applicable
Wei	Jane	Wei, Jane	Monitoring Analytics	Not Applicable

Antitrust:

You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

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Meeting Minutes

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