

**Carbon Pricing Senior Task Force (CPSTF)
PJM Conference and Training Center
February 25, 2020
1:00 p.m. – 4:00 p.m. EPT**

Administration (1:00-1:05)

1. Ms. Jen Tribulski and Ms. Suzanne Coyne provided welcome, announcements, and review of the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines Text. Stakeholders approved the draft minutes from the January 14, 2020 meeting.

Work Plan (1:05-1:10)

2. Ms. Suzanne Coyne reviewed the Carbon Pricing Senior Task Force stakeholder process Stage 1 work plan. Ms. Jen Tribulski asked stakeholders to present their interests and thoughts on carbon pricing program elements at the next CPSTF meeting on March 27, 2020. These presentations will provide an opportunity for stakeholders to provide their perspective as well as help to inform the discussion and next steps for the Carbon Pricing Senior Task Force.

Education and Analysis (1:10-2:45)

3. PJM Study of Carbon Pricing & Potential Leakage Mitigation Mechanisms – Additional Scenarios
 - A. Mr. Eric Hsia, PJM, provided an executive summary of the results from the PJM study of additional carbon pricing region scenarios requested by stakeholders at the January meeting.
 - B. Ms. Rebecca Hilderbrand, PJM, reviewed the assumptions, methodology, and framework of the PJM carbon study.
 - C. Ms. Natalie Tacka and Dr. Anthony Giacomoni, PJM, presented the detailed study results from the following carbon pricing region scenarios:
 - a. Carbon pricing region includes New Jersey, Maryland, Delaware, and Virginia
 - b. Carbon pricing region includes New Jersey, Maryland, Delaware, Virginia, and Pennsylvania

Future Agenda Items (2:45-2:50)

4. This item was covered in remarks of Ms. Jen Tribulski under Item 2 regarding the March 27, 2020 CPSTF meeting.

Example Problem Formulations Session (3:00-4:00)

5. Dr. Anthony Giacomoni, PJM, provided information on example problem formulations for the different border adjustment options being discussed as part of the PJM carbon pricing study. The focus was on highlighting the differences between the problem formulations for the different border adjustment options.

Future Meeting Dates

March 27, 2020 (rescheduled date)	9:00 a.m.	PJM Conference & Training Center/ WebEx
May 19, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
June 25, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx

Author: Suzanne Coyne

In-Person Meeting Attendees

Tribulski, Jennifer (Facilitator)	PJM Interconnection, LLC	Not Applicable
Coyne, Suzanne (Secretary)	PJM Interconnection, LLC	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Bennett, Stephen	PJM Interconnection	Not Applicable
Book, Hayley	PA Department of Environmental Protection	Not Applicable
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Foladare, Kenneth	Geenex Solar LLC	Generation Owner
Foley, Imelda	Environmental Defense Fund	Not Applicable
Giacomoni, Anthony	PJM Interconnection	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Matheson, Eric	Pennsylvania Public Utility Commission	Not Applicable
Place, Andrew	Pennsylvania Public Utility Commission	Not Applicable
Robinson, Becky	Vistra Energy	Not Applicable
Robinson, Liz	Philadelphia Solar Energy Association	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Scheirer, Alexandra	PJM Interconnection	Not Applicable
Scorsolini, Mark	PSEG Energy Resources and Trade LLC	Other Supplier
Sweeney, Rory	GT Power Group	Not Applicable
Tacka, Natalie	PJM Interconnection	Not Applicable
Widom, Stuart	PJM Interconnection	Not Applicable

WebEx Attendees

Bagot, Nancy	Electric Power Supply Association	Not Applicable
Barry, Chris	NJ Dept. of Environmental Protection	Not Applicable
Benček, Jim	FirstEnergy Solutions Corp	Transmission Owner
Bernstein, Matthew	PJM Interconnection	Not Applicable
Brodbeck, John	EDP Renewables North America, LLC	Generation Owner
Bruce, Susan	McNees Wallace & Nurick LLC	Not Applicable

Butner, Matt	Institute for Policy Integrity at New York University School of Law	Not Applicable
Campbell, Bruce	Enerwise Global Technologies, LLC	Other Supplier
Canter, David	Appalachian Power Company (AEP Generation)	Transmission Owner
Carmean, Gregory	OPSI	Not Applicable
Chen, Hong	PJM Interconnection	Not Applicable
Chen, Yang	PJM Interconnection	Not Applicable
Coultas, Ann	Invenergy, LLC	Generation Owner
Crystle, Gil	UGI Development Company	Generation Owner
Davis, Elizabeth	PJM Interconnection	Not Applicable
Davis, James	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeLosa, Joe	New Jersey Board of Public Utilities	Not Applicable
DePillo, Ray	PSEG Energy Resources and Trade LLC	Other Supplier
Fan, Zhenyu	PJM Interconnection	Not Applicable
Feller, John	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fink, Sari	American Wind Energy Association	Not Applicable
Genuario, Gabby	PJM Interconnection	Not Applicable
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Hasan, Prusha	Advanced Energy Economy	Not Applicable
Heidorn, Rich	RTO Insider	Not Applicable
Hoatson, Tom	West Deptford Energy, LLC	Generation Owner
Horton, Dana	Appalachian Power Company (AEP Generation)	Transmission Owner
Hudis, Gabriella	Gable and Associates	Not Applicable
Hyzinski, Tom	GT Power Group	Not Applicable
Islam, Lubaba	Rockland Electric Company	Transmission Owner
Jagtian, Patricia	Natural Gas Supply Association	Not Applicable
Janicki, Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Kazerooni, Hamid	Invenergy, LLC	Generation Owner
Keegan, Jack	PJM Interconnection	Not Applicable
Kelly, Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kozuharov, Dimitar	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
LaRocque, Matthew	PJM Interconnection	Not Applicable
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
McGraw, Dan	Carbon Pulse	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Murphy, Shaun	PJM Interconnection	Not Applicable
O'Connell, Robert	PPGI Fund A/B Development, LLC	Generation Owner

Ondayko, Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Oppel, Laurie	Balico, LLC	Not Applicable
Pelletier, Eveline	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Pilong, Chris	PJM Interconnection	Not Applicable
Price, Ruth Ann	Division of the Public Advocate of the State of Delaware	End-Use Customer
Rinkoski, Marie	Constellation Energy Projects & Services Group, Inc	Other Supplier
Rumsey, Amanda	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Schuyler, Ken	PJM Interconnection	Not Applicable
Seide, Richard	Apex Clean Energy	Not Applicable
Shanker, Roy	East Coast Power Linden Holdings, LLC	Generation Owner
Sotkiewicz, Paul	E-Cubed Policy Associates	Not Applicable
Stern, Alexander	Public Service Electric & Gas Company	Transmission Owner
Swalwell, Brad	Tangent Energy Solutions, Inc	Other Supplier
Taylor, Mike	Emission Advisors Inc.	Not Applicable
Ward, Adam	American Municipal Power, Inc.	Electric Distributor
Ward, Mike	PJM Interconnection	Not Applicable
Whitehead, Jeff	GT Power Group	Not Applicable
Willey, Amy	Delaware Public Service Commission	Not Applicable
Williams, Fernie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Willoughby, Liz	Dominion Energy Generation Marketing, Inc.	Generation Owner
Wilson, Bram	PBF Power Marketing LLC	Generation Owner
Wilson, James	Wilson Energy Economics	Not Applicable
Zevin, Avi	Institute for Policy Integrity at New York University School of Law	Not Applicable