

## Carbon Pricing Senior Task Force (CPSTF)

WebEx Only

May 19, 2020

9:00 a.m. – 1:00 p.m. EPT

### Administration (9:00-9:05)

1. Jen Tribulski and Suzanne Coyne provided welcome, announcements, and review of the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines. Stakeholders approved the draft minutes from the February 25, 2020 meeting.

### Work Plan (9:05-9:10)

2. Suzanne Coyne reviewed the Carbon Pricing Senior Task Force stakeholder process work plan.

### Education and Analysis (9:10-11:00)

#### 3. PJM Study of Carbon Pricing & Potential Leakage Mitigation Mechanisms – Additional Scenarios

Natalie Tacka and Dr. Anthony Giacomoni, PJM, presented the study results from the following carbon pricing region scenarios.

- A. Carbon pricing region includes New Jersey, Maryland, Delaware, and Pennsylvania – addressed questions on the results made available on March 27<sup>th</sup>
- B. Carbon pricing region includes New Jersey, Maryland, Delaware, and Pennsylvania and Virginia – higher carbon price scenarios
- C. RTO-wide carbon pricing region scenarios

### Stakeholder Presentations (11:00–12:15)

4. Vistra Energy, LS Power, Monitoring Analytics, and Exelon presented their interests and thoughts on carbon pricing program elements to help inform the discussion and next steps for the Carbon Pricing Senior Task Force.

### Future Agenda Items (12:15-12:30)

5. Jen Tribulski reviewed action items and discussed future agenda items. Stakeholders that wish to present additional feedback at the next meeting on June 25, 2020 should contact Suzanne Coyne, [Suzanne.Coyne@pjm.com](mailto:Suzanne.Coyne@pjm.com), or Jen Tribulski, [Jennifer.Tribulski@pjm.com](mailto:Jennifer.Tribulski@pjm.com). These presentations will provide an opportunity for stakeholders to provide their perspectives as well as help to inform the discussion and next steps for the Carbon Pricing Senior Task Force. Ms. Tribulski also discussed the potential for polling which will be discussed at the next meeting.

### Future Meeting Dates

June 25, 2020  
July 29, 2020

9:00 a.m.  
9:00 a.m.

PJM Conference & Training Center/ WebEx  
PJM Conference & Training Center/ WebEx

August 21, 2020  
September 23, 2020

9:00 a.m.  
9:00 a.m.

PJM Conference & Training Center/ WebEx  
PJM Conference & Training Center/ WebEx

Author: Suzanne Coyne

## WebEx Meeting Attendees

Tribulski, Jen (Facilitator)	PJM Interconnection	Not Applicable
Coyne, Suzanne (Secretary)	PJM Interconnection	Not Applicable
Anders, David	PJM Interconnection	Not Applicable
Anderson, Jared	SP Global	Not Applicable
Arabia, Steven	LS Power	Not Applicable
Bagot, Nancy	Electric Power Supply Association	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Barry, Chris	NJ Dept. of Environmental Protection	Not Applicable
Benckek, Jim	American Transmission Systems, Inc	Transmission Owner
Bennett, Stephen	PJM Interconnection	Not Applicable
Berg, Bill	Exelon Business Services Company, LLC	Transmission Owner
Bernabeu, Emanuel	PJM Interconnection	Not Applicable
Book, Hayley	Pennsylvania Department of Environmental Protection	Not Applicable
Borgatti, Mike	Gabel Associates	Not Applicable
Bowring, Joe	Monitoring Analytics	Not Applicable
Briggs, Mark	Tenaska Power Services Co.	Generation Owner
Brodbeck, John	EDP Renewables North America LLC	Generation Owner
Bruce, Susan	McNees Wallace & Nurick LLC	Not Applicable
Campbell, Bruce	Enerwise Global Technologies, LLC (EnergyConnect)	Other Supplier
Canter, David	Appalachian Power Company	Transmission Owner
Carmean, Gregory	OPSI	Not Applicable
Chandler, Kent	Kentucky Public Service Commission	Not Applicable
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Chen, Yang	PJM Interconnection	Not Applicable
Chintapalli, Raj	BP Energy Company	Other Supplier
Christopher, Mahila	Public Utilities Commission of Ohio (The)	Not Applicable
Crystle, Gil	UGI Development Company	Generation Owner
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Davis, Elizabeth	PJM Interconnection	Not Applicable
Davis, James	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeLosa, Joseph	New Jersey Board of Public Utilities	Not Applicable
Denby, Brett	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Depillo, Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
Deshmukh, Rupa	NJDEP	Not Applicable

Dillon, Matthew	UGI Development Company	Generation Owner
Downs, Jere	PJM Interconnection	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ericson, Christine	Illinois Commerce Commission	Not Applicable
Fan, Zhenyu	PJM Interconnection	Not Applicable
Ferguson, Mike	Indeck Niles, LLC	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fink, Sari	American Wind Energy Association	Not Applicable
Fitch, Neal	NRG Power Marketing, LLC	Generation Owner
Fitzpatrick, Brian	PJM Interconnection	Not Applicable
Foladare, Kenneth	Geenex Solar LLC	Generation Owner
Foley, Imelda	Environmental Defense Fund	Not Applicable
Fort, Jim	Energy Authority, Inc. (The)	Other Supplier
Foster, Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Gahimer, Michael	Indiana Office of Utility Consumer Counselor	End-Use Customer
Gallagher, Alexis	Exelon Business Services Company, LLC	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
George, Brian	Electric Power Supply Association	Not Applicable
Ghadiali, Farang	Panda Stonewall LLC	Generation Owner
Giacomoni, Anthony	PJM Interconnection	Not Applicable
Goldberg, Donald	Climate Law & Policy Project	Not Applicable
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Guntle, Vince	American PowerNet Management, L.P.	End-Use Customer
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Hasan, Prusha	Advanced Energy Economy	Not Applicable
Hastings, David	Market Interconnection LLC	Not Applicable
Heidorn, Richard	RTO Insider	Not Applicable
Heinle, Erik	D.C. Office of the People's Counsel	Not Applicable
Heisey, Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner
Henderson, Mason	ICIS	Not Applicable
Hilderbrand, Rebecca	PJM Interconnection	Not Applicable
Hoatson, Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holland, Cynthia	New Jersey Board of Public Utilities	Not Applicable
Hoppe, Kyle	Lockheed Martin	Not Applicable
Horning, Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Horton, Dana	Appalachian Power Company	Transmission Owner
Hsia, Eric	PJM Interconnection	Not Applicable
Hull, Gerit	American Municipal Power, Inc.	Electric Distributor
Hyatt, John	Monitoring Analytics	Not Applicable

Hyzinski, Tom	GT Power Group, LLC	Not Applicable
Iler, Art	Indiana Office of Utility Consumer	Not Applicable
Janicki, Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jha, Monica	PCI	Generation Owner
Johnson, Carl	Customized Energy Solutions, Ltd.	Not Applicable
Kazerooni, Hamid	Invenergy, LLC	Generation Owner
Kelly, Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Kilgallen, Kevin	Avangrid Renewables, LLC	Generation Owner
Kimmel, David	PJM Interconnection	Not Applicable
Knotts, Pamela	Delaware Public Service Commission	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Kozhuharov, Dimitar	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Lanier, Ivan	Potomac Electric Power Company	Electric Distributor
Lanzarotto, Katie	Exelon Business Services Company, LLC	Transmission Owner
LaRocque, Matthew	PJM Interconnection	Not Applicable
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Liang-Nicol, Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
Litchfield, Matt	CPV Power Holdings, LP	Generation Owner
Lithgow, Matt	Carbon Pulse	Not Applicable
Lu, Chenchao	PJM Interconnection	Not Applicable
Lyke, Audrey	Exelon Business Services Company, LLC	Transmission Owner
Lynch, Mary	Constellation Energy Projects & Services Group, Inc	Other Supplier
Mariam, Yohannes	Office of the People's Counsel for the District of Columbia	End-Use Customer
McLawhorn, James	North Carolina Utilities Commission	End-Use Customer
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mousa, Ahmed	Public Service Electric & Gas Company	Transmission Owner
Murphy, Shaun	PJM Interconnection	Not Applicable
Nix, Emma	Gabel Associates	Not Applicable
Oberdorf, Lisa	Delmarva Power & Light Company	Electric Distributor
O'Brien, Rhea	Exelon Business Services Company, LLC	Transmission Owner
Ondayko, Brock	AEP Energy Partners, Inc.	Transmission Owner
O'Neill, Jack	PJM Interconnection	Not Applicable
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Patel, Keyurbhai	PJM Interconnection	Not Applicable
Pelletier, Eveline	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Perera, Asanga	PJM Interconnection	Not Applicable
Philips, Marji	LS Power	Not Applicable
Price, Ruth	Delaware Division of the Public Advocate	End-Use Customer
Rajan, Abhijit	Dominion Virginia Power	Transmission Owner

Reiley, Robert	PADEP	Not Applicable
Rinkoski, Marie	Constellation Energy Projects & Services Group, Inc	Other Supplier
Robertson, Kathleen	Exelon Business Services Company, LLC	Transmission Owner
Robinson, Becky	Vistra Energy	Generation Owner
Robinson, Liz	Philadelphia Solar Energy Association	Not Applicable
Rodriguez, Tomas	OPSI	Not Applicable
Rohrbach, John	ACES Power	Electric Distributor
Rumsey, Amanda	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Scheidecker, Paul	PJM Interconnection	Not Applicable
Scheirer, Alexandra	PJM Interconnection	Not Applicable
Schreim, Morris	Maryland Public Service Commission	Not Applicable
Schuyler, Ken	PJM Interconnection	Not Applicable
Scorsolini, Mark	PSEG Energy Resources and Trade LLC	Other Supplier
Shanker, Roy	H.Q. Energy Services (U.S.), Inc	Other Supplier
Sotkiewicz, Paul	E-Cubed Policy Associates	Not Applicable
Sterling, John	First Solar, Inc.	Not Applicable
Stern, Alexander	Public Service Electric & Gas Company	Transmission Owner
Suh, Jung	Calpine Energy Solutions, LLC	Other Supplier
Svenson, Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell, Brad	Tangent Energy Solutions, Inc	Other Supplier
Swanson, Carl	BP Energy Company	Other Supplier
Sweeney, Rory	GT Power Group	Not Applicable
Tacka, Natalie	PJM Interconnection	Not Applicable
Theodore, Sharon	Electric Power Supply Association	Not Applicable
Toomey, Megan	Talen Energy Marketing, LLC	Generation Owner
Uibu, Robert	Other	Not Applicable
Unel, Burcin	Institute for Policy Integrity at NYU School of Law	Not Applicable
VanderLann, William	Illinois Commerce Commission	Not Applicable
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Wallace, Mike	Exelon Business Services Company, LLC	Transmission Owner
Ward, Adam	American Municipal Power, Inc.	Electric Distributor
Whitehead, Jeff	GT Power Group	Not Applicable
Widom, Stuart	PJM Interconnection	Not Applicable
Willey, Amy	Delaware Public Service Commission	Not Applicable
Willoughby, Liz	Dominion Energy Generation Marketing, Inc.	Generation Owner
Wilson, James	Wilson Energy Economics	Not Applicable
Wisersky, Megan	Madison Gas & Electric Co.	Other Supplier
Wisniewski, Christian	DNREC - Division of Air Quality	Not Applicable
Wray, Gizelle	Solar Energy Industries Association (SEIA)	Not Applicable



# Draft Minutes

Wurst, Matt  
Yoder, Michael  
Zakaria, Rama

PA PUC  
RTO Insider  
Environmental Defense Fund

Not Applicable  
Not Applicable  
Not Applicable