



Carbon Pricing Senior Task Force (CPSTF) WebEx Only December 8, 2020 9:00 a.m. – 12:00 p.m. EPT

Administration (9:00-9:05)

 Jen Tribulski and Suzanne Coyne provided welcome, announcements, and reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines. Stakeholders approved the draft minutes from the October 27, 2020 meeting.

Work Plan (9:05-9:10)

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

Education and Analysis (9:10-10:30)

3. E3/EPSA Study

Arne Olson and Sandy Hull, Energy and Environmental Economics (E3), presented E3's study of least cost carbon reduction policies in PJM.

Future Agenda Items (10:30-10:45)

4. Jen Tribulski reviewed action items and discussed future agenda items. Stakeholders can submit requests for additional education and analysis using the <u>Suggest an Educational Topic or Speaker link</u> on the CPSTF page.

Future Meeting Dates

January 21, 2021	9:00 a.m 12:00 p.m.	WebEx
February 25, 2021	9:00 a.m. – 12:00 p.m.	WebEx
March 23, 2021	9:00 a.m. – 12:00 p.m.	WebEx
April 27, 2021	1:00 p.m. – 4:00 p.m.	WebEx
May 18, 2021	9:00 a.m. – 12:00 p.m	WebEx
June 15, 2021	9:00 a.m. – 12:00 p.m.	WebEx

Author: Suzanne Coyne





WebEx Meeting Attendees

Tribulski, Jen (Facilitator) PJM Interconnection, LLC
Coyne, Suzanne (Secretary) PJM Interconnection, LLC

Abdur-Rahman, Muhsin Dynegy Marketing and Trade, LLC

Anders, David PJM Interconnection

Anderson, Jared SP Global

Arnold, Katelyn PPL Electric Utilities Corporation d/b/a PPL Utilities

Bagot, Nancy EPSA

Baker, Jeff Duke Energy Business Services, LLC

Baker, Scott PJM Interconnection

Barker, Jason Exelon Business Services Company, LLC
Barry, Chris NJ Dept. of Environmental Protection

Benchek, Jim First Energy

Bennett, Stephen PJM Interconnection
Bernabeu, Emanuel PJM Interconnection
Bhana, Rajesh Exelon Generation Co., LLC

Bloczynski, Jeff Mosaic Economics

Bloodworth, Michelle America's Power

Book, Hayley Pennsylvania Department of Environmental Protection

Bowen, Brandon Indiana Utility Regulatory Commission
Brodbeck, John EDP Renewables North America LLC
Bruce, Susan McNees Wallace & Nurick LLC
Chandler, Kent Kentucky Public Service Commission
Chang, Sean Shell Energy North America (US), L.P.

Chintapalli, Raj BP Energy Company Chmielewski, Brian PJM Interconnection

Cocco, Michael Old Dominion Electric Cooperative

Coyle, Billy Dominion Energy Generation Marketing, Inc.

D'Alessandris, Lou First Energy

Davis, James Dominion Energy Generation Marketing, Inc.

Denby, Brett Northern Virginia Electric Cooperative

Dennis, Jeff Advanced Energy Economy

Depillo, Raymond PSEG Energy Resources and Trade LLC

Dibble, Jay Calpine Energy Services, L.P.
Dillon, Matthew UGI Development Company

Drom, Rick Rick Drom

Dugan, Chuck East Kentucky Power Cooperative, Inc.

Elkins, Rachel American Transmission Systems, Inc.

Fan, Zhenyu PJM Interconnection

Not Applicable

Not Applicable

Generation Owner

Not Applicable

Not Applicable

Transmission Owner

Not Applicable

Transmission Owner

Not Applicable

Transmission Owner

Not Applicable

Transmission Owner

Not Applicable
Not Applicable

Generation Owner

Not Applicable Not Applicable

Not Applicable
Not Applicable

Generation Owner

Not Applicable

Not Applicable Other Supplier

Other Supplier
Not Applicable

Electric Distributor

Generation Owner

Transmission Owner
Generation Owner

Electric Distributor

Not Applicable Other Supplier

Generation Owner Generation Owner

Not Applicable

Transmission Owner
Transmission Owner

Not Applicable





Fazio, Danielle	Engelhart CTP (US) LLC	_
razio, barrierie		_

Filomena, Guy Customized Energy Solutions, Ltd.

Fitch, Neal NRG Power Marketing, LLC

Foladare, Kenneth Geenex Solar LLC

Ford, Adrien Old Dominion Electric Cooperative

Fuess, Christian White Pine Consulting, LLC

Gahimer, Michael Indiana Office of Utility Consumer Counselor (IN OUCC)

Gates, Terry Appalachian Power Company

Gebolys, Debbie Public Utilities Commission of Ohio (The)

George, Brian **Electric Power Supply Association**

Gilani, Rehan ConEdison Energy, Inc.

Granstrand, Luke Dominion Energy Generation Marketing, Inc.

Greiner, Gary **PSEG Energy Resources and Trade LLC** Guntle, Vince American PowerNet Management, L.P. Hanser, Erik Michigan Public Service Commission

Hastings, David Market Interconnection Consulting Services

Hauske, Tom PJM Interconnection Helm, Gary PJM Interconnection Herel, Suzanne PJM Interconnection Hilderbrand, Rebecca PJM Interconnection

Hitch, George Dominion Energy Generation Marketing, Inc.

Hoatson, Tom West Deptford Energy, LLC Hohenshilt, Jennifer Talen Energy Marketing, LLC

Horger, Tim PJM Interconnection

Horning, Lynn Marie Customized Energy Solutions, Ltd.

Horton, Dana Appalachian Power Company

Hsia, Eric PJM Interconnection

Huang, Henry Exelon Generation Co., LLC Hull, Gerit American Municipal Power, Inc. Hull, Sanderson **Energy and Environmental Economics**

Hyatt, John **Monitoring Analytics**

Hyzinski, Tom

Janicki, Diane Boston Energy Trading and Marketing LLC

GT Power Group, LLC

Jardot, Gina NRG Power Marketing, LLC

Jett, William Duke Energy Business Services, LLC

Big Level Wind LLC Jha, Monica

Johnson, Carl Customized Energy Solutions, Ltd.

Keegan, Jack PJM Interconnection

PSEG Energy Resources and Trade LLC Kelly, Gwen

Brookfield Renewable Trading and Marketing LP Kelly, Stephen

Other Supplier

Not Applicable

Generation Owner

Generation Owner

Electric Distributor

Not Applicable

End-Use Customer

Transmission Owner

Not Applicable

Not Applicable

Other Supplier

Generation Owner

Other Supplier

End-Use Customer

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Generation Owner

Generation Owner Generation Owner

Not Applicable

Not Applicable

Transmission Owner

Not Applicable

Generation Owner

Electric Distributor

Not Applicable

Not Applicable

Not Applicable

Other Supplier

Generation Owner

Transmission Owner

Generation Owner

Not Applicable

Not Applicable

Other Supplier

Other Supplier





Kilgallen, Kevin Avangrid Renewables, LLC
Kogut, George New York Power Authority

Kozhuharov, Dimitar Delaware Municipal Electric Corporation, Inc.

Landis, Allen Pennsylvania Department of Environmental Protection

Lejcar, Jamie Allegheny Electric Cooperative, Inc.

Liang-Nicol, Cecilia Allegheny Power

Mabry, Dave McNees Wallace & Nurick LLC

Mariam, Yohannes Office of the People's Counsel for the District of Columbia

Matheson, Eric PA Public Utility Commission

Mathews, Talina Kentucky Public Service Commission

Megali, Brian Exelon Business Services Company, LLC

Midgley, Sharon Exelon Business Services Company, LLC

Murphy, Shaun PJM Interconnection
Nix, Emma Gabel Associates

Nyquist, Christina EPSA

Okenfuss, James Savion, LLC

Olson, Arne Energy and Environmental Economics

Ondayko, Brock
Pakela, Greg
DTE Energy Trading, Inc.
Pascual, Danylle Ann
Emissions Advisors Inc
patel, keyurbhai
PJM Interconnection

Pelletier, Eveline H.Q. Energy Services (U.S.), Inc.

Perera, Asanga PJM Interconnection

Philips, Marji LS Power

Poulos, Greg Rep.'g Delaware Division of the Public Advocate

Purdie, Michael Dominion Energy Generation Marketing, Inc.

Rinkoski, Marie Constellation Energy Projects & Services Group, Inc.

Rismiller, Randy Illinois Commerce Commission

Robertson, Kathleen Exelon Business Services Company, LLC Robinson, Becky Dynegy Marketing and Trade, LLC

Rodriguez, Tomas OPSI

Rohrbach, John Wabash Valley Power Association, Inc.

Rouland, Jim PPL Electric Utilities Corporation d/b/a PPL Utilities

Sasser, Jonathan Customized Energy Solutions, Ltd.
Scarpignato, David Calpine Energy Services, L.P.
Schuyler, Ken PJM Interconnection

Scorsolini, Mark PSEG Energy Resources and Trade LLC Shanker, Roy East Coast Power Linden Holdings, LLC

Snitchler, Todd EPSA

Sotkiewicz, Paul E-Cubed Policy Associates

Generation Owner

Other Supplier

Electric Distributor

Not Applicable

Electric Distributor

Transmission Owner

Not Applicable

End-Use Customer

Not Applicable

Not Applicable

Transmission Owner

Transmission Owner

Not Applicable
Not Applicable
Not Applicable

Not Applicable
Not Applicable

Transmission Owner

Other Supplier
Not Applicable
Not Applicable
Other Supplier
Not Applicable
Not Applicable

End-Use Customer Generation Owner

Other Supplier Not Applicable

Transmission Owner Generation Owner Not Applicable Electric Distributor

Transmission Owner

Not Applicable
Generation Owner
Not Applicable
Other Supplier
Generation Owner

Not Applicable





Squibb, Bill Ohio Valley Electric Corporation
Stern, Alexander Public Service Electric & Gas Company
Svenson, Heather Public Service Electric & Gas Company

Swalwell, Brad Tangent Energy Solutions, Inc.

Sweeney, Rory GT Power Group, LLC Tacka, Natalie PJM Interconnection

Theodore, Sharon EPSA

Thomas, Glen GT Power Group, LLC

Unel, Burcin Institute for Policy Integrity at NYU School of Law

Vargo, Daniel Allegheny Electric Cooperative, Inc.

Wehnes, Kathleen Maryland Department of the Environment

Wehr, Christopher Ohio Edison Company
White, Brett Pine Gate Renewables
Whitehead, Jeff GT Power Group
Widom, Stuart PJM Interconnection

Willey, Amy Delaware Public Service Commission

Wilson, James Wilson Energy Economics

Yoder, Michael RTO Insider

Zemanek, Kevin Buckeye Power, Inc.

Transmission Owner

Transmission Owner

Transmission Owner

Other Supplier

Not Applicable

Not Applicable

Not Applicable

Not Applicable
Not Applicable

Electric Distributor

Not Applicable

Electric Distributor

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Electric Distributor