

Carbon Pricing Senior Task Force (CPSTF) WebEx Only October 27, 2020 1:00 p.m. – 4:00 p.m. EPT

Administration (1:00-1:05)

 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 September 23, 2020 meeting.

Natalie Tacka, PJM, highlighted a summary of PJM's study methodology and assumptions. The <u>Study &</u> <u>Analysis References document</u> is posted on the Carbon Pricing Senior Task Force page of pjm.com.

Work Plan (1:05-1:10)

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

Discussion (1:10–2:40)

3. <u>CPSTF National Clean Energy Standard Panel and FERC Technical Conference and Proposed Policy</u> <u>Statement</u>

Jen Tribulski, PJM, led a stakeholder discussion on the September 30, 2020 FERC Technical Conference on Carbon Pricing, FERC's proposed policy statement, and the CPSTF's September 23, 2020 panel on a national CES. The discussion began with stakeholders who formally requested to present which included Vistra Energy, Monitoring Analytics, East Kentucky Power Cooperative, Inc., and Dave Ellis, Consultant for the Public Service Commission of WV.

Education and Analysis (2:40-3:40)

4. Exelon Base Case Review

Brian Megali, Exelon Business Services Company, LLC, presented Exelon's base case review.

Future Agenda Items (3:40-4:00)

5. Jen Tribulski reviewed action items and discussed future agenda items.

Future Meeting Dates		
December 8, 2020	9:00 a.m.– 12:00 p.m.	WebEx
Author: Suzanne Coyne		



WebEx Meeting Attendees

Tribulski, Jen (Facilitator) Coyne, Suzanne (Secretary) Ainspan, Malcolm Anderson, Brad Arnold, Katelyn Bailey, Paul Baker, Scott Barker, Jason Barry, Chris Benchek, Jim Bennett, Stephen Berg, Bill Bernabeu, Emanuel Bloodworth, Michelle Book, Hayley Bowring, Joe Breidenbaugh, Aaron Brodbeck, John Bruce, Susan Callaghan, Chris Campbell, Bruce Canter, David Carmean, Gregory OPSI Chang, Sean Cherney, David Chintapalli, Raj Chmielewski, Brian Christopher, Mahila Cocco, Michael D'Alessandris, Lou Davis, James DeLosa, Joseph Dillon, Matthew Dolan, James Dugan, Chuck Fan, Zhenyu Fazio, Danielle

PJM Interconnection, LLC PJM Interconnection, LLC NRG Curtailment Solutions, Inc. World Kinect Energy Services PPL Electric Utilities Corporation d/b/a PPL Utilities America's Power **PJM Interconnection** Exelon Business Services Company, LLC NJ Dept. of Environmental Protection First Energy **PJM Interconnection** Exelon Business Services Company, LLC PJM Interconnection America's Power Pennsylvania Department of Environmental Protection **Monitoring Analytics** Rodan Energy Solutions (USA) Inc. **EDP Renewables North America LLC** McNees Wallace & Nurick LLC **PJM Interconnection** Enerwise Global Technologies, LLC (EnergyConnect) Appalachian Power Company Shell Energy North America (US), L.P. **PA** Consulting **BP Energy Company PJM Interconnection** Public Utilities Commission of Ohio (The) **Old Dominion Electric Cooperative** First Energy Dominion Energy Generation Marketing, Inc. New Jersey Board of Public Utilities **UGI Development Company PJM Interconnection** East Kentucky Power Cooperative, Inc. **PJM Interconnection** Engelhart CTP (US) LLC

Not Applicable Not Applicable **Other Supplier** Not Applicable Transmission Owner Not Applicable Not Applicable **Transmission Owner** Not Applicable **Transmission Owner** Not Applicable **Transmission Owner** Not Applicable Not Applicable Not Applicable Not Applicable Other Supplier **Generation Owner** Not Applicable Not Applicable **Other Supplier Transmission Owner** Not Applicable **Other Supplier** Not Applicable **Other Supplier** Not Applicable Not Applicable **Electric Distributor Transmission Owner Generation Owner** Not Applicable **Generation Owner** Not Applicable **Transmission Owner** Not Applicable **Other Supplier**

Minutes

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Filomena, Guy Fink, Sari Foladare, Kenneth Ford, Adrien Foster, Denise Gahimer, Michael Gates, Terry Gilani, Rehan Gradoville, Keenan Greiner, Gary Grochowski, Julian Guignet, Douglas Guntle, Vince Hanser, Erik Hasan, Prusha Hastings, David Hauske, Tom Heinle, Erik Heisey, Bradley Helm, Gary Helms, J Herel, Suzanne Hilderbrand, Rebecca Hoatson, Tom Hohenshilt, Jennifer Horning, Lynn Marie Horton, Dana Hsia, Eric Huang, Henry Hudis, Gabriella Hyatt, John Hyzinski, Tom Jacobs, Mike Janicki, Diane Jett, William Jha, Monica Johnson, Carl Johnston, Dave Keegan, Jack Kelly, Stephen

Customized Energy Solutions, Ltd. American Wind Energy Association **Geenex Solar LLC Old Dominion Electric Cooperative** East Kentucky Power Cooperative, Inc. Indiana Office of Utility Consumer Counselor (IN OUCC) Appalachian Power Company (AEP Generation) ConEdison Energy, Inc. Newark Energy Center, LLC PSEG Energy Resources and Trade LLC Calpine Energy Services, L.P. **PJM Interconnection** American PowerNet Management, L.P. **Michigan Public Service Commission** Advanced Energy Economy Market Interconnection Consulting Services **PJM Interconnection** Office of the People's Counsel for the District of Columbia Tenaska Pennsylvania Partners, LLC PJM Interconnection Commonwealth Chesapeake Company, LLC **PJM Interconnection PJM Interconnection** West Deptford Energy, LLC Talen Energy Marketing, LLC Customized Energy Solutions, Ltd. Appalachian Power Company **PJM Interconnection** Exelon Generation Co., LLC **Gabel Associates Monitoring Analytics** GT Power Group, LLC Union of Concerned Scientists Boston Energy Trading and Marketing LLC Duke Energy Business Services, LLC **Big Level Wind LLC** Customized Energy Solutions, Ltd. Indiana Utility Regulatory Commission **PJM Interconnection** Brookfield Renewable Trading and Marketing LP (BSMH)

Not Applicable Not Applicable **Generation Owner** Electric Distributor **Transmission Owner End-Use Customer Transmission Owner** Other Supplier **Generation Owner Other Supplier Generation Owner** Not Applicable **End-Use Customer** Not Applicable Not Applicable Not Applicable Not Applicable **End-Use Customer Generation Owner** Not Applicable **Generation Owner** Not Applicable Not Applicable **Generation Owner Generation Owner** Not Applicable **Transmission Owner** Not Applicable **Generation Owner** Not Applicable Not Applicable Not Applicable Not Applicable **Other Supplier Transmission Owner Generation Owner** Not Applicable Not Applicable Not Applicable **Other Supplier**

Minutes



Kilgallen, Kevin Kochonies, Karen Kogut, George Labella, Julie Lamond, Bonnie LaRocque, Matthew Lejcar, Jamie Liang-Nicol, Cecilia Lu, Chenchao McAlister, Lisa Megali, Brian Meyer, Eric Midgley, Sharon Niu, Grace Nix, Emma Okenfuss, James Ondayko, Brock Pakela, Greg Pascual, Danylle Ann Pasupatham, Ram Pelletier, Eveline Peoples, John Perera, Asanga Porter, Kevin Poulos, Greg Procuniar, Jason Quinn, Arnie Redwine, Arlo Renouf, James Rinkoski, Marie Rismiller, Randy Robertson, Kathleen Robinson, Becky Rodriguez, Tomas Rohrbach, John Rorie, Lezael Rose, Laura Rouland, Jim Sasser, Jonathan Scarpignato, David

Avangrid Renewables, LLC Morgan Stanley Capital Group Inc New York Power Authority Talen Energy Marketing, LLC **Highview Power PJM Interconnection** Allegheny Electric Cooperative, Inc. **Allegheny Power PJM Interconnection** American Municipal Power, Inc. Exelon Business Services Company, LLC Enel X North America, Inc. Exelon Business Services Company, LLC **PJM Interconnection Gabel Associates** Savion, LLC AEP Energy Partners, Inc. DTE Energy Trading, Inc. **Emissions Advisors Inc** Exelon Generation Co., LLC H.Q. Energy Services (U.S.), Inc. **Duquesne Light Company PJM Interconnection Exeter Associates** Rep.'g Delaware Division of the Public Advocate Buckeye Power, Inc. Dynegy Marketing and Trade, LLC FERC **Capital Power** Constellation Energy Projects & Services Group, Inc Illinois Commerce Commission Exelon Business Services Company, LLC Dynegy Marketing and Trade, LLC OPSI Wabash Valley Power Association, Inc. Southern Maryland Electric Cooperative, Inc. **Old Dominion Electric Cooperative** PPL Electric Utilities Corporation d/b/a PPL Utilities Customized Energy Solutions, Ltd. Calpine Energy Services, L.P.

Generation Owner Other Supplier **Other Supplier Generation Owner** Not Applicable Not Applicable **Electric Distributor Transmission Owner** Not Applicable **Electric Distributor Transmission Owner Other Supplier Transmission Owner** Not Applicable Not Applicable Not Applicable **Transmission Owner Other Supplier** Not Applicable **Generation Owner Other Supplier Transmission Owner** Not Applicable Not Applicable **End-Use Customer** Electric Distributor **Generation Owner** Not Applicable Not Applicable **Other Supplier** Not Applicable **Transmission Owner Generation Owner** Not Applicable **Electric Distributor Electric Distributor Electric Distributor Transmission Owner** Not Applicable **Generation Owner**

Minutes



Scheirer, Alexandra Schuyler, Ken Scorsolini, Mark Shanker, Nimai Shegarfi, Roozbeh Sotkiewicz, Paul Squibb, Bill Stern, Alexander Stupar, Rob Svenson, Heather Sweeney, Rory Tacka, Natalie Taylor, Miles Theodore, Sharon Thomas, Glen Thonet, Hannah Unel, Burcin Ward, Adam Wehr, Christopher White, Brett Whitehead, Jeff Willey, Amy Wilson, James Wisersky, Megan Wright, James Yoder, Michael Zakaria, Rama Zemanek, Kevin

PJM Interconnection **PJM Interconnection** PSEG Energy Resources and Trade LLC BrightNight Energy Exelon Generation Co., LLC **E-Cubed Policy Associates Ohio Valley Electric Corporation** Public Service Electric & Gas Company Invenergy, LLC Public Service Electric & Gas Company GT Power Group, LLC **PJM Interconnection** Northern Indiana Public Service Company Other GT Power Group, LLC New Jersey Board of Public Utilities Institute for Policy Integrity at NYU School of Law American Municipal Power, Inc. **Ohio Edison Company Pine Gate Renewables GT** Power Group **Delaware Public Service Commission** Wilson Energy Economics Madison Gas & Electric Co. **Old Dominion Electric Cooperative RTO** Insider **Environmental Defense Fund** Buckeye Power, Inc.

Not Applicable Not Applicable **Other Supplier** Not Applicable **Generation Owner** Not Applicable **Transmission Owner Transmission Owner Generation Owner Transmission Owner** Not Applicable Not Applicable **Other Supplier** Not Applicable Not Applicable Not Applicable Not Applicable **Electric Distributor Electric Distributor** Not Applicable Not Applicable Not Applicable Not Applicable Other Supplier **Electric Distributor** Not Applicable Not Applicable **Electric Distributor**