

Capacity Capability Senior Task Force

WebEx

August 7, 2020

9:00 a.m. – 4:00 p.m. EPT

Administration

1. Lauren Strella Wahba, PJM, provided welcome, announcements, and review of the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines. Stakeholders approved draft minutes from the July 27, 2020 meeting with no objections and no abstentions.
2. Melissa Pulong, PJM, reviewed the Work Plan.

Education

3. Andrew Levitt, PJM, provided an overview of what impacts the ELCC policy would have on the Capacity Market and provide additional detail on the method of calculating average ELCC as distinct from marginal ELCC.
 - a. Andrew Levitt, PJM, discussed the 200 coincident peak hour performance adjustment metric.
4. Zachary Ming, E3, presented a method for allocating ELCCMW from the portfolio to the classes.

CBIR

5. Melissa Pulong, PJM, lead the group in a discussion on the CBIR process and solicit feedback from stakeholders on additional solution options.
 - a. Kevin Carden, Astrape, presented approaches to ELCC Modeling.
 - b. Andrew Levitt, PJM, presented a revised approach to simulating storage dispatch in the ELCC model.
 - c. Andrew Levitt, PJM, discussed solution options for units that do not sell all of their capacity, that sell some of their capacity to other Planning Authorities, or that have firm contracts to serve behind the meter load. Andrew will also describe several other miscellaneous additions and clarifications for existing solution options.
6. Melissa Pulong, PJM, lead the group in a discussion on the CBIR process for identifying packages.
 - a. Brock Ondayko, AEP Energy, presented an overview along with updates to the AEP Energy package.
 - b. Betty Watson, Modern Energy, presented a Joint Stakeholder package for stakeholder consideration.
 - c. John Hyatt, IMM, provided a presentation on the IMM package.

Future Agenda Items

7. Lauren Strella Wahba, PJM, reviewed meeting action items and discuss future agenda items.

Action Items

- a. PJM will incorporate the E3 “Delta Method” for allocating ELCCMW from the portfolio to the classes into the ELCC methodology documentation, and make reference to that document inside the matrix. Note that PJM will *not* adopt E3’s method of using a unit-specific ELCC, but will instead continue to use the same class-based ELCC approach that has been considered throughout the CCSTF process. PJM will review at the August 12 meeting.
- b. PJM will provide an overview on how the newly proposed ESR & DR simulated dispatch would compare to how these resources are deployed in RT and relative to the prior approach to simulated dispatch of ESR.
- c. Patricio to provide 2d draft prelim ELCC results for wind, solar, and storage
- d. PJM will review the matrix and ensure that the PJM package is the most up-to-date

Future Agenda Items

- e. Impacts of ORDC & LMP using new simulated dispatch approach—I’d prefer to skip for Aug 12 (in two business days!) but it’s not impossible, we did get two important people weighing in here.
- f. PJM to look at additional sensitivities for ELCC results with new ESR as 4-hour duration—definitely can’t do anything here for Aug 12

Informational Updates

8. **Updated CCSTF July Poll Results.**

Attendance

Last Name	First Name	Company Name	Sector
Anders	David	PJM Interconnection	Not Applicable
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Baur	Sean	GlidePath Power Operations LLC	Generation Owner
Bell	Jerry	PJM Interconnection	Not Applicable
Benckek	Jim	First Energy Solutions Corp	Transmission Owner
Bennett	Stephen	PJM Interconnection	Not Applicable
Bernabeu	Emanuel	PJM Interconnection	Not Applicable
Bhavaraju	Murty	PJM Interconnection	Not Applicable
Bockhorn	Tim	Dayton Power & Light Company (The)	Transmission Owner
Borgatti	Michael	Birdsboro Power LLC	Generation Owner

Bowring	Joe	Monitoring Analytics	Not Applicable
Breidenbaugh	Aaron	coi energy services	Not Applicable
Bruno	Patrick	PJM Interconnection	Not Applicable
Burke	Jennifer	Lockheed Martin	Not Applicable
Burwen	Jason	Energy Storage Association	Not Applicable
Campbell	Bruce	Enerwise Global Technologies, LLC	Other Supplier
Canter	David	Appalachian Power Company (AEP Generation)	Transmission Owner
Carden	Kevin	Astrape	Not Applicable
Carmean	Gregory	OPSI	Not Applicable
Castle	Tom	East Kentucky Power Cooperative, Inc.	Transmission Owner
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Chintapalli	Raj	BP Energy Company	Other Supplier
Chocarro Aguirrebengoa	Iker	RWE Renewables Americas, LLC	Generation Owner
Christopher	Mahila	Public Utilities Commission of Ohio	Not Applicable
Ciabattoni	Joseph	PJM Interconnection	Not Applicable
D'Alessandris	Lou	First Energy Solutions Corp	Transmission Owner
Davis	Jim	Dominion Energy Generation Marketing, Inc.	Generation Owner
Dennis	Jeff	Advanced Energy Economy	Not Applicable
Dillon	Matthew	UGI Development Company	Generation Owner
Dolan	James	PJM Interconnection	Not Applicable
Drom	Rick	Other	Not Applicable
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Falin	Thomas	PJM Interconnection	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fleisher	Madeline	Dickinson Wright PLLC	Not Applicable
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuller	Peter	Autumn Lane Energy Consulting LLC	Not Applicable
Gahimer	Mike	Indiana Office of Utility Consumer Counselor	End-Use Customer
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Goggin	Michael	Grid Strategies LLC	Not Applicable
Grant	Andrew	Geronimo Energy	Not Applicable
Greening	Michele	PJM Interconnection	Not Applicable
Greiner	Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Haas	Howard	Monitoring Analytics	Not Applicable
Hasan	Prusha	Advanced Energy Economy	Not Applicable
Hastings	David	PJM Committee Voting Generic Account	Not Applicable

Heinle	Frederick	Office of the Peoples Counsel	Not Applicable
Henson	William	ISO New England	Not Applicable
Herel	Suzanne	PJM Interconnection	Not Applicable
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Horton	Dana	Appalachian Power Company (AEP Generation)	Transmission Owner
Hsia	Eric	PJM Interconnection	Not Applicable
Huang	Jame	Rockland Electric Company	Transmission Owner
Hudis	Gabriella	Gabel Associates	Not Applicable
Hyatt	John	Monitoring Analytics	Not Applicable
Hyzinski	Tom	GT Power Group, LLC	Not Applicable
Iler	Arthur	Indiana Office of Utility Consumer Counselor	End-Use Customer
Jacobs	Michael	Union of Concerned Scientists	Not Applicable
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jett	William	Duke Energy Business Services LLC	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.	Not Applicable
Johnston	Dave	Indiana Utility Regulatory Commission	Not Applicable
Joseph	Kelli	Clearway Energy	Not Applicable
Kauffman	Brian	Enel X North America, Inc.	Other Supplier
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kogut	George	New York Power Authority	Other Supplier
LAMOND	BONNIE	Highview Power	Not Applicable
Levitt	Andrew	PJM Interconnection	Not Applicable
Liang-Nicol	Cecilia	Allegheny Power (MonPwr Gen)	Transmission Owner
Libbos	Robin	Allegheny Power (MonPwr Gen)	Transmission Owner
LOWE	CONNIE	Dominion Virginia Power	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End-Use Customer
Markiewicz	Cindy	Allegheny Power (MonPwr Gen)	Transmission Owner
Mascarenhas	Sandeep	Brookfield Renewable Trading and Marketing LP	Other Supplier
McDougall	Devin	Earth Justice	Not Applicable
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Ming	Zachary	Wildan	Not Applicable
Nix	Emma	Gabel Associates	Not Applicable

Okenfuss	James	Savion, LLC	Not Applicable
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Perera	Asanga	PJM Interconnection	Not Applicable
Pilong	Christopher	PJM Interconnection	Not Applicable
Pilong	Melissa	PJM Interconnection	Not Applicable
Price	Ruth	Delaware Division of the Public Advocate	End-Use Customer
Rajan	Abhijit	Dominion Virginia Power	Transmission Owner
Robinson	Becky	Dynegy Marketing and Trade, LLC	Generation Owner
Rocha-Garrido	Patricio	PJM Interconnection	Not Applicable
Rodriguez	Tomas	OPSI	Not Applicable
Rogers	Nathan	Origis Energy	Not Applicable
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rutigliano	Tom	Natural Resources Defense Council	Not Applicable
Sasser	Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Scheidecker	Paul	PJM Interconnection	Not Applicable
Schlag	Nick	E 3	Not Applicable
Schultz	Matthew	Duke Energy Business Services LLC	Transmission Owner
Schweizer	David	PJM Interconnection	Not Applicable
Shanker	Roy	East Coast Power Linden Holdings, LLC	Generation Owner
Squibb	Bill	Ohio Valley Electric Coporation	
Stern	Alexander	Public Service Electric & Gas Company	Transmission Owner
Strella	Lauren	PJM Interconnection	Not Applicable
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group, LLC	Not Applicable
Tribulski	Jennifer	PJM Interconnection	Not Applicable
van den Hoek	Elise	Modern Energy	Not Applicable
VanAmburg	Cari	Recurrent Energy	Generation Owner
Vidhi	Rachana	AEE	Not Applicable
Watson	Betty	Affirmed Energy LLC	Other Supplier
Williams	Fernie	East Kentucky Power Cooperative, Inc.	Not Applicable
Wilson	James	Wilson Energy Economics	Not Applicable
Wisersky	Megan	Madison Gas & Electric Co.	Other Supplier
Wray	Gizelle	Solar Energy Industries Association (SEIA)	Not Applicable

Future Meeting Dates

August 12, 2020
August 31, 2020

9am – 4pm
1pm – 4pm

Teleconference
Teleconference

September 11, 2020
September 24, 2020
October 14, 2020

9am – 4pm
9am – 4pm
9am – 4pm

Teleconference
Teleconference
Teleconference

Author: Lauren Stella Wahba

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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