

Capacity Capability Senior Task Force

WebEx

July 16, 2020

9:00 a.m. – 4:00 p.m. EPT

Administration (9:00-9:05)

1. Jaclynn Lukach, PJM, provided welcome, announcements, and review of the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines. Stakeholders approved the July 10, 2020 meeting minutes with no objections and no abstentions.

Education (9:05 – 11:00)

2. Patricio Rocha Garrido lead a discussion of the paper describing the preliminary methodology used to develop the preliminary results.
3. Kevin Carden, Astrape, presented on ELCC Modelling and Dispatch.
4. Patricio Rocha Garrido, PJM, presented an outline of the policy analysis of high deployment of limited resources as described in key work activity #6 of the CCSTF Issue Charge.

CBIR (11:00 – 3:40)

5. Andrew Levitt, PJM, presented a brief update to the June 22 presentation on suggested ELCC terminology, usage regarding the terms installed capacity (ICAP), Unforced Capacity (UCAP), and Capacity Interconnection Rights (CIRs), and excerpts of existing Tariff language and manual language on the topic.
6. Melissa Pilong and Andrew Levitt, PJM, reviewed focus areas for potential package poll questions for stakeholder consideration.
7. Melissa Pilong, PJM, lead the group in a discussion on the CBIR process for identifying additional solution options.
 - a. Tom Rutigliano, NRDC, provided additional solution options for Stakeholder consideration.
 - b. Andrew Levitt, PJM, discussed solutions for hydro with water storage and generic limited duration resources including thermal resources.
 - c. Jim Davis, Dominion Energy, provided additional solution options for Stakeholder consideration.
8. Melissa Pilong, PJM, lead the group in a discussion on the CBIR process for identifying packages.
 - a. Brock Ondayko, AEP Energy, provided updates on the AEP Energy package.

Informational

- CCSTF Work Plan** – the work plan has been updated to account for the addition of the July 16 meeting and the change in meeting from July 28 to July 27.

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

- Ms. Jaclynn Lukach, PJM, reviewed meeting action items and discuss future agenda items.
 - PJM to discuss the different types of DR and how they are dispatched
 - PJM to look for opportunities to clarify the line between ELCC analysis and downstream policy adjustments such as setting fixed or locked ClassELCC% values
 - PJM to discuss how they will identify thermal resources that cannot run 24+ hours
 - PJM to post the data that underlies Item 6A Dispatch Hourly Results to the CCSTF page and will send you a link once that spreadsheet is available. This will be available by COB on Monday.
 - PJM to discuss internally the possibility of expediting the package poll.

WebEx Attendance

Last Name	First Name	Company Name	Sector
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Baur	Sean	GlidePath Power Operations LLC	Generation Owner
Bell	Jerry	PJM Interconnection	None
Benchek	Jim	First Energy Solutions Corp	Transmission Owner
Benchek	Jim	First Energy Solutions Corp	Transmission Owner
Bennett	Stephen	PJM Interconnection	None
Bhavaraju	Murty	PJM Interconnection	None
Bockhorn	Tim	Dayton Power & Light Company (The)	Transmission Owner
Borgatti	Mike	Gabel & Associates	None
Brian	Chmielewski	PJM Interconnection	None
Bruno	Patrick	PJM Interconnection	None
Burke	Jennifer	Lockheed Martin	None
Burwen	Jason	Energy Storage Association	None
Campbell	Bruce	Enerwise Global Technologies, LLC	Other Supplier
Canter	David	Appalachian Power Company (AEP Generation)	Transmission Owner
Carden	Kevin	Astrape Energy	None
Carmean	Gregory	OPSI	None
Carroll	Rebecca	PJM Interconnection	None
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
Christopher	Mahila	Public Utilities Commission of Ohio	None

D'Alessandris	Lou	First Energy Solutions Corp	Transmission Owner
Davis	James	Dominion Energy Generation Marketing, Inc.	Generation Owner
Davis	Elizabeth	PJM Interconnection	None
Depillo	Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
Drom	Rick	Other	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ericson	Christine	Illinois Commerce Commission	None
Falin	Thomas	PJM Interconnection	None
Fee	George	Appalachian Power Company (AEP Generation)	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fleisher	Madeline	Dickinson Wright PLLC	None
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuller	Peter	Autumn Lane Energy Consulting LLC	None
Gahimer	Michael	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Goggin	Michael	Grid Strategies LLC	None
Grant	Andrew	Geronimo Energy	None
Greening	Michele	PJM Interconnection	None
Greiner	Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Hasan	Prusha	Advanced Energy Economy	None
Hastings	David	PJM Committee Voting Generic Account	None
Heinle	Frederick	Office of the Peoples Counsel	None
Herel	Suzanne	PJM Interconnection	None
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horger	Tim	PJM Interconnection	None
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	None
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Horton	Dana	Appalachian Power Company (AEP Generation)	Transmission Owner
Hsia	Eric	PJM Interconnection	None
Hudis	Gabriella	Gabel & Associates	None
Hyatt	John	Monitoring Analytics	None
Hyzinski	Tom	GT Power Group	None
Iler	Arthur	Indiana Office of Utility Consumer Counselor	End-Use Customer
Jett	William	Duke Energy Business Services LLC	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	David	Indiana Utility Regulatory Commission	None
Joseph	Kelli	Clearway Energy	None
Kauffman	Brian	Enel X North America, Inc.	Other Supplier

Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kimmel	David	PJM Interconnection	None
Kogut	George	New York Power Authority	Other Supplier
LAMOND	BONNIE	Highview Power	None
Levitt	Andrew	PJM Interconnection	None
Liang-Nicol	Cecilia	Allegheny Power (MonPwr Gen)	Transmission Owner
Lukach	Jaclynn	PJM Interconnection	None
Mabry	David	McNees Wallace & Nurick LLC	None
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End-Use Customer
Mascarenhas	Sandeep	Brookfield Renewable Trading and Marketing LP	Other Supplier
McGlynn	Paul	PJM Interconnection	None
Mehta	Gaurav	Enel Trading North America, LLC	Other Supplier
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Okenfuss	James	Savion Energy	None
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Pilong	Christopher	PJM Interconnection	None
Pilong	Melissa	PJM Interconnection	None
Pizzutelli	Ashley	Allegheny Power (MonPwr Gen)	Transmission Owner
Price	Ruth	Delaware Division of the Public Advocate	End-Use Customer
Rajan ES	Abhijit	Dominion Virginia Power	Transmission Owner
Rismiller	Randy	Illinois Commerce Commission	None
Robinson	Becky	Dynegy Marketing and Trade, LLC	Generation Owner
Rocha-Garrido	Patricio	PJM Interconnection	None
Rodriguez	Tomas	OPSI	None
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rutigliano	Tom	Natural Resources Defense Council	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scheidecker	Paul	PJM Interconnection	None
Schultz	Matthew	Duke Energy Business Services LLC	Transmission Owner
Schuyler	Ken	PJM Interconnection	None
Shanker	Roy	East Coast Power Linden Holdings, LLC	Generation Owner
Stern	Alex	PSEG Energy Resources and Trade LLC	Other Supplier
Stewart	Travis	Gabel & Associates	None
Stupar	Rob	Invenergy Energy Management LLC	Generation Owner
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group	None

van den Hoek	Elise	Modern Energy	None
VanAmburg	Cari	Recurrent Energy	Generation Owner
Vidhi	Rachana	NEE	None
Walter	Mark	Savion Energy	None
Watson	Brian	Appalachian Power Company (AEP Generation)	Transmission Owner
Whitehead	Jeffrey	GT Power Group	None
Williams	Fernie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Wilson	James	Wilson Energy Economics	None
Wisersky	Megan	Madison Gas & Electric Co.	Other Supplier

Future Meeting Dates

July 27, 2020	9am – 4pm	Teleconference
August 7, 2020	9pm – 4pm	Teleconference
August 31, 2020	1pm – 4pm	Teleconference
September 11, 2020	9am – 4pm	Teleconference
September 24, 2020	9am – 4pm	Teleconference
October 14, 2020	9am – 4pm	Teleconference

Author: Jaclynn Lukach

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.

Code of Conduct:

As a mandatory condition of attendance at today's meeting, attendees agree to adhere to the PJM Code of Conduct as detailed in PJM Manual M-34 section 4.5, including, but not limited to, participants' responsibilities and rules regarding the dissemination of meeting discussion and materials.

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