

Capacity Capability Senior Task Force WebEx June 4, 2020 1:00 p.m. – 4:00 p.m. EPT

## Administration (1:00-1:05)

- 1. Jaclynn Lukach, PJM, provided welcome, announcements, and review of the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines. **Stakeholders** <u>approved</u> the draft minutes from the May 20, 2020 meeting.
- 2. Melissa Pilong, PJM, reviewed the finalized work plan that was approved by the MRC.
  - a) Andrew Levitt, PJM, described documentation of the ELCC model.

## CBIR (1:05 – 3:20)

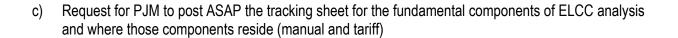
- Melissa Pilong, PJM, reviewed the consolidation of solution option tabs in the matrix and solicit feedback from stakeholders. The matrix was consolidated into one solution option tab instead of multiple tabs for the different resource types. The consolidated matrix was posted with the meeting materials for this meeting.
- 4. Andrew Levitt, PJM, presented additional design components and their definitions.
  - a) Melissa Pilong, PJM, solicited feedback from stakeholders.
- Melissa Pilong, PJM, lead the group in a discussion on the CBIR process for identifying additional solution options. Stakeholders discussed the solution options that they had requested to be added to the matrix.
  - a) Andrew Levitt, PJM, presented potential solution options that PJM has been evaluating and sought stakeholder feedback.

Future Agenda Items (3:20-4:00)

- 6. Ms. Jaclynn Lukach, PJM, will review meeting action items and discuss future agenda items.
  - a) PJM to provide terminology sheet so that everyone is speaking the same language within meetings
  - b) ICAP and UCAP
    - Split out into category specific
    - PJM will work with stakeholder on clear terminology for these components
    - PJM will provide a presentation on ICAP tied to CIRs and UCAP tied to other stuff
    - PJM will provide numerical examples for different fuel types



## **Meeting Minutes**



### Future Meeting Dates

June 22, 2020	98
July 10, 2020	98
July 28, 2020	98
August 7, 2020	9p
August 31, 2020	1p
September 11, 2020	98
September 24, 2020	98
October 14, 2020	9a

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## WebEx Attendance

Last Name	First Name	Company Name	Sector
Baker	Scott	PJM Interconnection	Not Applicable
Barker	Jason	Exelon Business Services Company, LLC	Other Supplier
Bell	Jerry	PJM Interconnection	Not Applicable
Benchek	Jim	First Energy Solutions, Corp	Transmission Owner
Bhavaraju	Murty	PJM Interconnection	Not Applicable
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bruno	Pat	PJM Interconnection	Not Applicable
Burwen	Jason	U.S. Energy Storage Association	Not Applicable
Campbell	Bruce	Enerwise Global Technologies, LLC (Energy Connect)	Other Supplier
Canter	David	Appalachian Power Company (AEP Generation)	Transmission Owner
Castle	Tom	East Kentucky Power Cooperative	Not Applicable
Chang	Sean	Shell Energy North America (US)	Other Supplier
D'Alessandris	Lou	First Energy Solutions, Corp	Transmission Owner
Davis	Jim	Dominion Virginia Power	Transmission Owner
DeLosa	Joseph	NJBPU	Not Applicable
Depillo	Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
Drom	Rick	Other	Not Applicable
Dugan	Chuck	East Kentucky power Cooperative, Inc.	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd	Not Applicable

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# **Meeting Minutes**

Foladare	Kenneth	Geenex Solar, LLC	Generation Owner
Foley	Imelda	EDF Energy Services	Other Supplier
Fuess	Christian	White Pine Consulting, LLC	Not Applicable
Gahimer	Mike	OUCC	Not Applicable
Gilani	Rehan	Consolidated Edison Energy, Inc	Other Supplier
Goggin	Michael	Grid Strategies, LLC	Not Applicable
Goldberger	Nitzan	Borrego Solar	Not Applicable
Greening	Michele	PJM Interconnection	Not Applicable
Greiner	Gary G.	PSEG Energy Resources and Trade LLC	Other Supplier
Hasan	Prusha	Advanced Energy Economy	Not Applicable
Heinle	Erik	Office of the Peoples Counsel	Not Applicable
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn	Customized Energy Solutions, Ltd	Not Applicable
Horton	Dana	Appalachian Power Company (AEP Generation)	Transmission Owner
Hortsman	John	Dayton Power & Light Company (The)	Transmission Owner
Hsia	Eric	PJM Interconnection	Not Applicable
Hudis	Gabriella	Gabel & Associates	Not Applicable
Hyatt	John	Monitoring Analytics	Not Applicable
Hyzinski	Tom	GT Power Group	Not Applicable
ller	Art	Indiana Office of Utility Consumer Customer	Not Applicable
Jacobs	Mike	UCS USA	Not Applicable
Johnson	Carl	Customized Energy Solutions, Ltd.	Not Applicable
Johnston	Dave	Indiana Utility Regulatory Commission	Not Applicable
Joseph	Kelli	Clearway Energy	Generation Owner
Kalle	Ibrahim	Tibiri Energies	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
Kozhuharov	Dimitar	Delaware	Not Applicable
Levitt	Andrew	PJM Interconnection	Not Applicable
Libbos	Robin	First Energy Solutions, Corp	Transmission Owner
Lukach	Jaclynn	PJM Interconnection	Not Applicable
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable



## **Meeting Minutes**

Mascarenhas	Sandeep	Brookfield Renewable Energy Marketing	Other Supplier
McDougall	Devin	Earth Justice	Not Applicable
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Nix	Emma	Gabel Associates	Not Applicable
Ondayyko	Brock	AEP Energy Partners, Inc ( AEP Gen Resources)	Transmission Owner
Pilong	Melissa	PJM Interconnection	Not Applicable
Pizzutelli	Ashley	First Energy Solutions, Corp	Transmission Owner
Rajan ES	Abhijit	Dominion Virginia Power	Transmission Owner
Rocha-Garrido	Partricio	PJM Interconnection	Not Applicable
Rogers	Nathan	Origis Energy	Not Applicable
Rutigliano	Tom	Natural Resources Defense Council	Not Applicable
Sasser	Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Scarp		Calpine	Generation Owner
Schilling	Cameron	Hydro	Generation Owner
Schultz	Matthew	Duke Energy Business Services, LLC	Transmission Owner
Shanker	Roy	GE Power Group	Not Applicable
Sterling	John	First Solar, Inc	Not Applicable
Stern	Alex	PSEG Energy Resources and Trade LLC	Other Supplier
Svenson	Heather	Public Service Electric & Gas	Transmission Owner
Swalwell	Brad	Tangent Energy Marketing, Inc	Other Supplier
Sweeney	Rory	GT power Group	Not Applicable
Umn	Ranjan	Not Applicable	Not Applicable
VanAmburg	Cari	Recurrent Energy	None
Watson	Betty	Affirmed Energy, LLC	Other Supplier
Weigand-Jackson	Laurie	Utility Advantage	Not Applicable
Whitehead	Jeffrey	GT Power Group	Not Applicable
Wilson	James	Other	Not Applicable
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Wray	Gizelle	SEIA	Not Applicable

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.

#### Public Meetings/Media Participation:

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Unless otherwise noted, PJM stakeholder meetings are open to the public and to members of the media. Members of the media are asked to announce their attendance at all PJM stakeholder meetings at the beginning of the meeting or at the point they join a meeting already in progress. Members of the Media are reminded that speakers at PJM meetings cannot be quoted without explicit permission from the speaker. PJM Members are reminded that "detailed transcriptional meeting notes" and white board notes from "brainstorming sessions" shall not be disseminated. Stakeholders are also not allowed to create audio, video or online recordings of stakeholder meetings for internal and training purposes, and your participation at such meetings indicates your consent to the same.

### Participant Identification in WebEx:

When logging into the WebEx desktop client, please enter your real first and last name as well as a valid email address. Be sure to select the "call me" option. PJM support staff continuously monitors WebEx connections during stakeholder meetings. Anonymous users or those using false usernames or emails will be dropped from the teleconference.

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Join a 1. Join meeting in the WebEx desktop client   2. Enter name ( <i>First and Last*</i> ) and corporate email			

3. Under "Select Audio Option" select "Call Me" option from the dropdown menu

\*Note: Anonymous users or those using false usernames or emails will be dropped from the teleconference.

Provide feedback on the progress of this group: <u>*Facilitator Feedback Form*</u> Visit <u>*Iearn.pim.com*</u>, an easy-to-understand resource about the power industry and PJM's role.