

SOUTHWEST POWER POOL
Markets + Operations and Reliability Working Group
July 31, 2024
Virtual Meeting
Recording Link [here](#): password: qQzDUrT6
SUMMARY OF MOTIONS AND ACTION ITEMS

MOTIONS:

1. **Agenda Item 3a: Consent Agenda**

Motion: Chris McDarment (CCPUD) motioned to approve the Consent Agenda, which included June 20, 2024, Minutes. Evan Sorrell (Puget Sound Energy) provided the second. Motion carried unanimously.

2. **Agenda Item 4c: Section 4.2 -4.2.5.2 Pre DA – MDFA Results**

Motion Libby Kirby (BPA) motioned to endorse Markets+ Protocols, Section 4.2-4.2.5.2 Pre DA –MDFA, with the exception of the subsections that are being drafted (4.2.1, 4.2.1.1, 4.2.1.2, 4.2.2.7, 4.2.3.3, 4.2.4 and 4.2.5.1, as reviewed in the meeting today and pending updates/inputs from MRATF, MSWG, MDWG and MGHGTF. Jesse Waters (TEP) provided the second. The group did not identify any conflicts with approved reliability standards, nor negative impacts to the ability to ensure reliable operations.

3. **Agenda Item 4e: Markets+ Protocols Section 8.0-8.5 Markets+ Transmission Capability Identification Process**

Motion: Twyana Blair (APS) motioned to endorse Markets+ Protocols 8.0 - 8.5, as reviewed in the meeting today. Jesse Waters (TEP) provided the second. The group did not identify any conflicts with approved reliability standards, nor negative impacts to the ability to ensure reliable operations..

ACTION ITEMS:

Action Item: Provide the group a link to the Opt-Out presentation that was delivered to the MTWG in May.

Action Item: Provide the group a link to the Ramp and Uncertainty Product (products offered in the East IM Market but are comparable to Short-Term and Mid-Term Flex products in M+) Calculations Guide

Action Item: Group requested day in the life examples of how CROW submissions impact market systems.

MINUTES

AGENDA ITEM 1 – CALL TO ORDER, ATTENDANCE, AGENDA REVIEW

The Markets+ Operations and Reliability Working Group (MORWG) Chair, Libby Kirby called the meeting to order at 11:05 a.m. CPT. The following members were in attendance or represented by proxy:

- Libby Kirby (Chair) - Bonneville Power Administration (BPA)
- Raj Hundal - Powerex Corp
- Shirley Eshbach - Tacoma Power (TP)
- Twyana Blair - Arizona Public Service (APS)
- Chris McDarment - Chelan County Public Utility District (CCPUD)
- Steve Szablya – Public Service Commission of Colorado (PSCO)
- Evan Sorrell- Puget Sound Energy
- Jesse Waters – Tucson Electric Power
- Michael Houglum – Tristate Cooperative (TSGT)

AGENDA ITEM 2 – ANTITRUST STATEMENT

Brad Johnston (SPP) presented the SPP antitrust statement.

AGENDA ITEM 3 – CONSENT AGENDA

Brad Johnston (SPP) presented the June 20th, MORWG Meeting Minutes for review.

Motion: Chris McDarment (CCPUD) motioned to approve the Consent Agenda, which included June 20, 2024, Minutes. Evan Sorrell (Puget Sound Energy) provided the second. Motion carried unanimously.

AGEND ITEM 4 - MARKETS+ PROTOCOLS: APPROVAL

Brad Johnston (SPP) presented the following draft Markets+ Protocol language for review:

a. Section 4 - 4.1.5.1 Energy and Flexibility Reserve Requirements and Processes

Brad Johnston (SPP) reviewed Section 4 - 4.1.5.1 Energy and Flexibility Reserve Requirements and Processes, requesting a motion from the group. The group requested more time to review and requested the language be added as an approval item to the August meeting. Libby Kirby (BPA) requested a copy of the Ramp and Uncertainty Product (products offered in the East IM Market, but are comparable to Short-Term and Mid-Term Flex products in M+) Calculations Guide.

Action Item: Provide the group a link to the Ramp and Uncertainty Product (products offered in the East IM Market but are comparable to Short-Term and Mid-Term Flex products in M+) Calculations Guide.

b. Section 4.1.6 Outage Scheduling and Reporting

Brad Johnston (SPP) presented Section 4.1.6 Outage Scheduling and Reporting language to the group for review. The group had questions on how derates submitted through CROW impact market limits. In other markets, derates submitted through outage scheduling software impact market offers, whereas in SPP derates do not override market data. If a resource is limited, SPP expects the Market Participant to update their resource offers to reflect current availability. The group expressed that SPP's method would be a paradigm shift from current procedures. The group also discussed crafting language for derate thresholds to be based on fuel type/size of resource.

Action Item: Group requested day in the life examples of how CROW submissions impact market systems.

c. Section 4.2 -4.2.5.2 Pre DA – MDFA Results

Brad Johnston (SPP) presented Section 4.2 – 4.2.5.2 Pre Day-Ahead – MDFA Results for review. In addition to the sections that were still being drafted, Brad informed the group that Section 4.2.5.1 will not be reviewed today due to a portion of the language needs to be reviewed internally. The group discussed and asked questions.

Motion: Libby Kirby (BPA) motioned to endorse Markets+ Protocols, Section 4.2-4.2.5.2 Pre DA –MDFA, with the exception of the subsections that are being drafted (4.2.1, 4.2.1.1, 4.2.1.2, 4.2.2.7, 4.2.3.3, 4.2.4 and 4.2.5.1, as reviewed in the meeting today and pending updates/inputs from MRATF, MSWG, MDWG and MGHGTF. Jesse Waters (TEP) provided the second. The group did not identify any conflicts with approved reliability standards, nor negative impacts to the ability to ensure reliable operations.

d. Section 4.3-4.4.4.1.2 Day-Ahead Activities – Load Deviation Exemptions

Brad Johnston (SPP) reviewed Sections 4.3-4.4.4.1.2 Day-Ahead Activities – Load Deviation Exemptions, requesting a motion from the group. The group requested more time to review and requested the language be added as an approval item to the August meeting. Libby Kirby (BPA) asked if Section 4.3.1.2.2 should include Economic Demand Bids in the calculation. Brad stated he will circulate that question internally and have a response by the next meeting.

e. **Section 8.0-8.5 Markets+ Transmission Capability Identification Process**

Twyana Blair (APS) briefed the group on Protocols, Sections 8.0-8.5 language, which has been approved by the MTWG. Shirley Eshbach (TP) questioned if language in Section 8.2.2 limits TSP providers from fulfilling their obligation. The market will respect rights that are used/scheduled in its studies. There was discussion on 8.2.2 Capacity Opt-Out, with the group requesting the materials that were posted during the May MTWG that discussed Opt-Outs and scheduled rights. If you are a M+ TSP, all of your transmission is made available for the model for optimization, unless you have opted-out. Libby Kirby (BPA) asked if there are any efforts to discuss how Markets+ could utilize non-scheduled, non-firm transmission that is opt-ed out would be utilized in Real-Time. While conversations are being held on the topic, no official direction has been decided on.

Motion: Twyana Blair (APS) motioned to endorse Markets+ Protocols 8.0 - 8.5, as reviewed in the meeting today. Jesse Waters (TEP) provided the second. The group did not identify any conflicts with approved reliability standards, nor negative impacts to the ability to ensure reliable operations.

AGEND ITEM 5 – OPEN DISCUSSION/GENERAL QUESTIONS

Shirley Eshbach informed the group that FERC had issued a response to SPP's Tariff filing.

AGENDA ITEM 6 – SUMMARY OF MOTIONS AND ACTION ITEMS

Brad Johnston reviewed the motions and action items captured in the meeting.

AGENDA ITEM 7 – FUTURE MEETINGS

August 28, 2024, MORWG Meeting

- 9:00 a.m. – 4:00 p.m. PPT
- 10:00 a.m. – 5:00 p.m. MPT
- 11:00 a.m. – 6:00 p.m. CPT

Location: Net-Conference

September 19, 2024, MORWG Meeting

- 9:00 a.m. – 4:00 p.m. PPT
- 10:00 a.m. – 5:00 p.m. MPT
- 11:00 a.m. – 6:00 p.m. CPT

Location: Net-Conference



AGENDA ITEM 8 – ADJOURNMENT

Libby Kirby adjourned the meeting at 03:50 p.m. CPT, Thursday, June 20th.

Respectfully Submitted – Brad Johnston MORWG Staff Secretary

Andy Butcher	Bonneville Power Administration (BPA)
Audrey Stevenson BPA	Bonneville Power Administration (BPA)
Brad Parker	Liberty Utilities
Calvin Dacus	Black Hills Energy
Chris Siewert	Tuscon Electric Power (TEP)
Connie Westadt	Western Area Power Administration (WAPA)
david Pham	Stone Pigman
Denise Martin	Tuscon Electric Power (TEP)
Eric Raatz	Southwest Power Pool (SPP)
Erik Voice	Pudget Sound Energy
Evan Sorrell - PSE	Basin Electric Power Cooperative
Jason Mazigian BEPC	Southwest Power Pool (SPP)
Jerry Stone	Idaho Power
Johnson, Stefanie	Sisung Group
Kara Kolkman - WY PSC	Western Electricity Coordinating Council
Kathy Anderson	Salt River Project (SRP)
Kelli Schermerhorn SPP	Bonneville Power Administration (BPA)
Kristen Darden	NorthWestern Energy
Layne Brown	Southwest Power Pool (SPP)
Lorraine Piovesan	Customized Energy Solutions
Mai Truong BPA	Southwest Power Pool (SPP)
Nathan Hunt - NWE	Public Service Commission of Colorado (PSCo)
Neil Robertson	Nebraska Municipal Power Pool
Nicole Wagner	Bonneville Power Administration (BPA)
Paul Antony	Bonneville Power Administration (BPA)
Rob Gosselin Gosselin	Shumat and Associates
Scott Neu	Southwest Power Pool (SPP)
sean erickson	Western Area Power Administration (WAPA)
Steve Johnson (SPP)	Powerex
Susan Manville	Powerex
Todd Kochheiser BPA	Southwest Power Pool (SPP)
Todd Pence	Utilicast
Toni Williams BPA	Western Electricity Coordinating Council
Walt Shumate	Powerex
Wayne Camp	Salt River Project
Zea	Boneville Power Administration
Mariano Mezzatesta	Boneville Power Administration
Marisa Choate	Southwest Power Pool (SPP)
Matt Alvarado IUB	Iowa Utilities Board
Neil Robertson	Southwest Power Pool (SPP)
Nicole Wagner	Southwest Power Pool (SPP)
Paul Antony	Gabel Associates
Steve Gaw	Advanced Power Alliance
Todd Kochheiser BPA	Boneville Power Administration

Vincent Ching	Puget Sound Energy
Walt Shumate	Shumate and Associates
Wayne Camp	Utilicast
Sean Erickson	Western Area Power Administration (WAPA)
Carman Ruder	Southwest Power Pool (SPP)
Chris Bultsma	Western Area Power Administration (WAPA)
Edward Garvey	AES Consulting
Erik Voice	Salem Electric
Karilee Ramaley	Salt River Project
Kent Walter	Arizona Public Service (APS)
Layne Brown	Western Electricity Coordinating Council
Lorraine Piovesan	Powerex
Kelsey Martinez	Public Service Company of New Mexico
Greg Macdonald	Puget Sound Energy
Toni Williams	Boneville Power Administration
Scott Neu	Customized Energy Solutions
Rob Gosselin	Powerex

andy.butcher@blackhillsenergy.com
acstevenson@bpa.gov
brad.parker@libertyutilities.com
cdacus@tep.com
cwsiewert@bpa.gov
cwestadt@puc.nv.gov
david.pham@libertyutilities.com
dsmartin@spp.org
eraatz@tep.com
voice@salemelectric.com
evan.sorrell@pse.com
jmazigian@bepec.com
jastone@spp.org
stefanie.johnson@seattle.gov
kara.kolkman@wyo.gov
kanderson2@idahopower.com
kschermerhorn@spp.org
kdarden@spp.org
lbrown@wecc.org
lorraine.piovesan@powerex.com
mntruong@bpa.gov
nathan.hunt@northwestern.com
nrobertson@spp.org
vwagner@spp.org
paul@gabelassociates.com
rob.gosselin@powerex.com
scott.neu@ces-ltd.com
erickson@wapa.gov
sjohnson@spp.org
smanville@gcpud.org
twkochheiser@bpa.gov
tpence@spp.org
alsewell@bpa.gov
waltshumate@sbcglobal.net
wcamp@utilicast.com
zflores@wapa.gov
mxmezzatesta@bpa.gov
mchoate@spp.org
matt.alvarado@iub.iowa.gov
nrobertson@spp.org
vwagner@spp.org
paul@gabelassociates.com
rsgaw1@gmail.com
twkochheiser@bpa.gov

vincent.ching@pse.com
waltshumate@sbcglobal.net
wcamp@utilicast.com
erickson@wapa.gov
cruder@spp.org
bultsma@wapa.gov
edward.garvey@aeslconsulting.com
voice@salemelectric.com
karilee.ramaley@srpnet.com
kent.walter@aps.com
lbrown@wecc.org
lorraine.piovesan@powerex.com
kelsey.martinez@pnm.com
greg.macdonald@pse.com
alsewell@bpa.gov
scott.neu@ces-ltd.com
rob.gosselin@powerex.com

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Idaho Power
Iowa Utilities Board
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NorthWestern Energy
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Public Service Commission of Colorado (PSCo)
Public Service Company of New Mexico
Pudget Sound Energy
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