

SOUTHWEST POWER POOL
Markets + Operations and Reliability Working Group
October 25th, 2023
In Person Meeting: SRP Offices
1600 N. Priest Drive, Tempe Arizona

MOTIONS:

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

Motion: Twyana Blair (APS) motioned to approve the September 2023 MORWG Meeting Minutes. Scott Kaufman (NV Energy) provided the second. Motion carried unanimously.

ACTION ITEMS:

Action Item: SPP Staff will provide a link to the Markets+ Tariff definitions

Action Item: SPP Staff will provide a link to the 10/24/2023 RC Services Education session materials.

Action Item: SPP Staff will send the following documents to the MORWG to review and endorse:

- Attachment F: Non-Disclosure Agreement
- Attachment A: Flex Reserve Products

Action Item: SPP Staff will provide a revised draft of the "BA Agreement". SPP ask that MORWG entities have their legal team review the document and provide feedback, via e-mail, by 11/07/2023.

Action Item: MORWG will consider scheduling a meeting on the last week of November, if everyone has availability. SPP Staff will send out potential dates and times.

Action Item: SPP Staff will make the corrections to the draft Tariff that were noted in the meeting. In addition to the corrections, SPP Staff will capture the items that need to be addressed in the Protocols.

Action Item: SPP Staff will provide the draft Tariff sections, if any, that discuss CIP compliance.

Action Item: SPP Staff will address concerns about VRLs at a future meeting.

Action Item: SPP Staff will investigate the need a ramp rate limitation for battery storage resources.

MINUTES

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

The Markets+ Operations and Reliability Working Group (MORWG) Chair, Chris Hofmann, called the meeting to order at 1030 CPT. The following members were in attendance or represented by proxy:

- Chris Hoffman (Chair) - Salt River Project (SRP) * PROXY Magdalena Johnson
- Libby Kirby (Vice Chair) - Bonneville Power Administration (BPA)
- Raj Hundal - Powerex Corp
- Shirley Eshbach - Tacoma Power (TP)
- Susan Manville - Grand Public Utility District (Grant PUD)
- Twyana Blair - Arizona Public Service (APS)
- Chris McDarment - Chelan County Public Utility District (CCPUD)
- Jesse Waters – Tucson Electric Power (TEP) *PROXY Brandon Pufall
- Scott Kaufmann - NV Energy
- Michael Houglum – Tristate Generation and Transmission Association
- Ronal Moulton – Western Area Power Administration
- Evan Sorrell – Puget Sound Energy

AGENDA ITEM 2 – ANTITRUST STATEMENT

Brad Johnston (SPP) presented the SPP antitrust statement.

AGENDA ITEM 3 – CONSENT AGENDA

Twyana Blair (APS) motioned to approve the September 2023 MORWG Meeting Minutes. Scott Kaufman (NV Energy) provided the second. Motion carried unanimously

Motion: Twyana Blair (APS) motioned to approve the September 2023 MORWG Meeting Minutes. Scott Kaufman (NV Energy) provided the second. Motion carried unanimously

AGENDA ITEM 4 – TARIFF REVIEW AND ENDORSEMENT

Brad Johnston (SPP) presented draft Tariff Language for the MORWG to review:

- Attachment A 2: Section 4-4.28 Resource Registration Types 2.1 (except Section 4.1(9))
The group discussed and asked questions, specifically around the language concerning DVER ramp rate limitations. Scott Kaufmann (NV Energy) asked if there needs to be similar language applied to battery resources.

- Attachment A: 6-7.14 Market Participation Obligation and Market Operator Obligations: The group discussed and asked questions. No reliability concerns were raised.
- Attachment A: Confidentiality Provisions: The group discussed and asked questions. No reliability concerns were raised.
- Attachment F: Form of Non-Disclosure Agreement for Authorized Requestors: Due to timing constraints, this agenda item was not discussed. Brad Johnston (SPP) will e-mail the language to the group. If concerns are raised, the language will be discussed at the next meeting. If no reliability concerns are raised, the language will receive an endorsement from the MORWG.

Action Item: SPP Staff will investigate the need a ramp rate limitation for battery storage resources.

Action Item: SPP Staff will provide a link to the Markets+ Tariff definitions

Action Item: SPP Staff will make the corrections to the draft Tariff that were noted in the meeting. In addition to the corrections, SPP Staff will capture the items that need to be addressed in the Protocols.

Action Item: SPP Staff will send the following documents to the MORWG to review and endorse:

- Attachment F: Non-Disclosure Agreement
- Attachment A: Flex Reserve Products

AGENDA ITEM 5 – SPP AND BA AGREEMENT REVIEW

Brad Johnston (SPP), Rachel Kane (SPP) and Emon Mahony (SPP) discussed the draft version of the “Form of Agreement For Participating Balancing Authorities in Markets +”. The group requested edits to some of the language and for the removal of the Appendix, which outline data sharing between Market Operator and Balancing Authorities. SPP Legal will update the draft and allow the M+ entities to review.

Action Item: SPP Staff will provide a revised draft of the “BA Agreement”. SPP ask that MORWG entities have their legal team review the document and provide feedback, via e-mail, by 11/07/2023.

AGENDA ITEM 6 – MARKET SEPARATION (EDUCATION SESSION)

Due to timing constraints, this agenda item was not discussed. It will be moved to a future meeting.

AGENDA ITEM 7 – FLOW PRIORITY DISCUSSION

Derek Russell (PowerEx) and Dan Williams (TEA) presented a solution to priority of supply during scarcity conditions. The solution has been approved by the Market Seams Working Group, and requires the endorsement from the MORWG (and possibly the MTWG) before finally going to the MDWG for final approval. The group discussed and asked question. No reliability concerns were raised.

AGENDA ITEM 8 – FLEXIBILITY RESERVE PRODUCT DESIGN PROPOSAL

Due to timing constraints, this agenda item was not discussed. Brad Johnston (SPP) will e-mail the language to the group. If concerns are raised, the language will be discussed at the next meeting. If no reliability concerns are raised, the language will receive an endorsement from the MORWG.

AGENDA ITEM 9 – ROAD MAP

Due to timing constraints, this agenda item was not discussed.

AGENDA ITEM 10 – OPEN DISCUSSION/GENERAL QUESTION

Brad Johnston (SPP) discussed the idea of adding one more meeting to the 2023 calendar. This additional meeting would take place between the November and December meeting. The group also requested Reliability Coordination Education Services materials from the meeting held the day before. A link to the Markets+ Tariff definitions was also requested.

Scott Kaufmann (NV Energy) requested sections within the Tariff that discuss CIP compliance.

Twyana Blair (APS) requested additional education sessions over VRLs in M+. She has reliability concerns and would like to discuss VRLs applicability in further detail.

Action Item: SPP Staff will provide the draft Tariff sections, if any, that discuss CIP compliance.

Action Item: SPP Staff will address concerns about VRLs at a future meeting.

Action Item: SPP Staff will provide a link to the Markets+ Tariff definitions

Action Item: SPP Staff will provide a link to the 10/24/2023 RC Services Education session materials.

Action Item: MORWG will consider scheduling a meeting on the last week of November, if everyone has availability. SPP Staff will send out potential dates and times.

AGENDA ITEM 11 – FUTURE MEETINGS

Motions and new action items are listed above. Future meetings are listed below.

[November 2023 MORWG Meeting- IN PERSON](#)

Wednesday, November 15, 2023 (1:00PM - 5:00PM **CDT**)

[December 2023 MORWG Meeting- IN PERSON](#)

Wednesday, December 13, 2023 (1:00PM - 5:00PM **CDT**)

ADJOURNMENT

Chris Hofmann adjourned the meeting at 1400 CPT, Wednesday, October 25th.

Respectfully Submitted – Brad Johnston MORWG Staff Secretary

This page is intentionally blank

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