

SOUTHWEST POWER POOL
Markets + Operations and Reliability Working Group
December 13th, 2023
Virtual Meeting
Recording Link here, password: 3cAmbg4c

MOTIONS:

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

Motion: Ron Moulton (WAPA) motioned to approve the November 30th Minutes. Susan Manville (GPUD) provided the second. Motion carried unanimously.

2. **Agenda Item 4g: Attachment A, Section 6.8: Real Time Parameters**

Motion: Chris McDarment (CCPUD) motioned to approve Attachment A, Section 6.8 Real Time Parameters as modified. Susan Manville (GPUD) provided the second. Motion carried with 11 approves, 3 abstentions (BPA, Tacoma Power, and TSGT) and none opposed.

3. **Agenda Item 5: Attachment A Section 4.2.4 Variable Energy Ramp Limitation Language**

Motion: Libby Kirby (BPA) motioned to make no changes to section Attachment A Section 4.2.4(2) Variable Energy Ramp Limitation Ramp Limitation language and keep as approved. Ron Moulton (WAPA) provided the second. Motion carried unanimously.

Agenda Items that were endorsed:

Agenda Item 4:

- Attachment A: Outs-Ins/Internals
- Special Rules on Use of Tariff
- Attachment A: Markets+ Settlements
- Attachment E: Market Participation Agreement
- Attachment A, Sec 5.2 and 5.3: Non-Conforming Load and Offer Caps and Floors

ACTION ITEMS:

Action Item: SPP Staff will review if the language for the Special Rules of the Tariff were updated to reflect WAPA Desert Southwest.

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 1107 a.m. CPT. The following members were in attendance or represented by proxy:

- Chris Hoffman (Chair) - Salt River Project (SRP)
- Libby Kirby (Vice Chair) - Bonneville Power Administration (BPA)*Proxy Mariano Mezzatesta
- Raj Hundal - Powerex Corp*Proxy Jonathan Gilhen
- Shirley Eshbach - Tacoma Power (TP)
- Susan Manville - Grant Public Utility District (Grant PUD)
- Twyana Blair - Arizona Public Service (APS)
- Chris McDarment - Chelan County Public Utility District (CCPUD)
- Michael Houglum – Tristate Generation and Transmission Association
- Ronald Moulton – Western Area Power Administration
- Evan Sorrell – Puget Sound Energy
- Shawn Carlson – Basin Electric Cooperative
- Denton McGregor – Black Hills Energy
- Steve Szablya - Public Service Commission of Colorado (PSCo)
- Jesse Waters – Tucson Electric Power* Proxy Brandon Pufall

AGENDA ITEM 2 – ANTITRUST STATEMENT

Brad Johnston (SPP) presented the SPP antitrust statement.

AGENDA ITEM 3 – CONSENT AGENDA

The following items were discussed under the Consent Agenda:

- November 30th 2023 MORWG Meeting Minutes
- Attachment A: Partial Year Market Transmission Use Rate
- Attachment G: Meter Agent Service Agreement
- Attachment H: Credit Policy
- Allocation of Costs Associated with Penalties
- Distribution of Other Revenues
- Attachment A, Section 11 Confidentiality

Motion: Ron Moulton (WAPA) motioned to approve the November 30th Minutes. Susan Manville (GPUD) provided the second. Motion carried unanimously.

AGENDA ITEM 4 – TARIFF REVIEW AND ENDORSEMENT

The following language was for the MORWG to review:

- Attachment A: Outs-Ins/Internals – Brad Johnston (SPP) reviewed the language with the group. The group discussed and asked questions. No reliability concerns were raised and the language was endorsed.
- Special Rules on Use of Tariff – Brad Johnston (SPP) reviewed the language with the group. The group asked questions, specifically if the document should also list WAPA Desert Southwest. Though the group endorsed the language, SPP staff will research if the legal group has approved and if there is a more updated draft.

Action Item: SPP Staff will review if the language for the Special Rules of the Tariff were updated to reflect WAPA Desert Southwest.

- Attachment A: Markets+ Settlements – Brad Johnston (SPP) reviewed the language with the group. The group discussed and asked questions. No reliability concerns were raised and the language was endorsed.
- Attachment E: Market Participation Agreement – Brad Johnston (SPP) reviewed the language with the group. The group discussed and asked questions. No reliability concerns were raised and the language was endorsed.
- Attachment B: Market Monitoring Plan – This agenda item was not discussed and will be covered at the January meeting.
- Attachment C: Market Power Mitigation Plan – This agenda item was not discussed and will be covered at the January meeting.
- Attachment A, Sec. 6.8-: Real Offer Parameters – Brad Johnston (SPP) presented the language to the group. In the November 30th meeting, the group expressed concerns about Market Participants submitting transmission outages. The MPEC reviewed the language at the 12/07 meeting, and expressed the same concerns and requested the MORWG edit the language. SPP staff discussed the definition of Market Participant, stating that it encompasses the many roles that a Market Participant performs outside of a merchant function. Section 8.3 (Obligation to Communicate Transmission Capability) was also referenced and how well it complimented Section 6.8. The MORWG entities liked how 8.3 used “pursuant to the Markets+ Protocols” and thought it should be added to 6.8. The group’s final change was to remove “...must submit..” to “...must ensure”. The group agreed on the following modification:

“Market Participants must ensure transmission and generation outages are submitted to the Market Operator. Outages will override any other Commitment Status submitted by

the Market Participant. All outages must be submitted in accordance with Section 6.9 of this Tariff and Markets+ Protocols.”

Motion: Chris McDarment (CCPUD) motioned to approve Attachment A, Section 6.8 Real Time Parameters as modified. Susan Manville (GPUD) provided the second. Motion carried with 11 approves, 3 abstentions (BPA, Tacoma Power, and TSGT) and none opposed

- Attachment A, Sec 5.2 and 5.3: Non-Conforming Load and Offer Caps and Floors – Brad Johnston (SPP) reviewed the language with the group. The group discussed and asked questions. No reliability concerns were raised and the language was endorsed.

AGENDA ITEM 5 – ATTACHMENT A SECTION 4.2.4 VARIABLE ENERGY RAMP LIMITATION LANGUAGE REMOVAL

Brad Johnston (SPP) presented Attachment A, Section 4.2.4 (b) to the group for review. The language has been approved, but the group had questions around the need for a ramp limitation on DVER resources. Some members felt like the limits should be set by each individual BA, not a blanket limit set by the MO. The group discussed the language during the November 30th meeting, but decided to table the resolution until December. Libby Kirby (BPA) informed the group that after discussing this with SPP staff, BPA is agreeable to keeping the language as is.

Motion: Libby Kirby (BPA) motioned to make no changes to section Attachment A Section 4.2.4(2) Variable Energy Ramp Limitation Ramp Limitation language and keep as approved. Ron Moulton (WAPA) provided the second. Motion carried unanimously.

The group also discussed if 4.2.4 (1) language should be changed to accommodate a Capacity Min limit greater than zero for DVER resources. Brad Johnston (SPP) informed the group that 4.2.4 (1) language exist in the IM and WEIS Markets, and SPP has communicated in the past they believe a min limit of zero adequately represents physical capability. Brad also informed the group that ramp rates can be submitted hourly and in break points that reflect operating constraints of the resources.

AGENDA ITEM 6 – STOP LIGHT TRACKER

Kevin Morelock (Utilicast) presented the Stop Light Tracker sheet to the group. The tracker list all the Tariff sections that have been reviewed by each group and which sections still need to be approved.

AGENDA ITEM 7 – OPEN DISCUSSION AND GENERAL QUESTIONS

No additional topics or questions were raised.

AGENDA ITEM 12 – FUTURE MEETINGS

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

January 17th 2024 MORWG Meeting

Wednesday, January 17, 2024

- 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

ADJOURNMENT

Mariano Mezzatesta (Proxy for Libby Kirby Vice Chair) adjourned the meeting at 15:38 CPT, Thursday, November 30th.

Respectfully Submitted – Brad Johnston MORWG Staff Secretary

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P	= By Phone	MORWG Meeting December 13, 2023 Attendance
X	= In Person	
*	= By Proxy	

MORWG Representatives

Day 1	Name	Company	Email
P	Chris Hofman (Chair)	Salt River Project (SRP)	Chris.Hofmann@srpnet.com
P	Brad Johnston(Secretary)	Southwest Power Pool (SPP)	bjohnston@spp.org
P	Steve Szablya	Public Service Commission of Colorado (PSCo)	steve.szablya@xcelenergy.com
*	Jesse Waters	Tuscon Electric Power (TEP)	jwaters@tep.com
P	Libby Kirby (Vice Chair)	Bonneville Power Administration (BPA)	eakirby@bpa.gov
P	Mike Houghlum	Tri-State Generation and Transmission Association (TSGT)	moughlum@tristategt.org
*	Raj Hundal	Powerex Corp	raj.hundal@powerex.com
	Ryan Manzo	Arizona Electric Power Cooperative (AEPCO)	rmanzo@azgt.coop
	Scott Kaufmann	NV Energy (NVE)	scott.kaufmann@nvenergy.com
P	Shawn Carlson	Basin Electric Power Cooperative (BEPC)	scarlson@becpc.com
P	Chris McDarment	Chelan County PUD	Chris.McDarment@chelanpud.org
P	Shirley Eshbach	Tacoma Power (TP)	SEshbach@cityoftacoma.org
P	Susan Manville	Grant Public Utility District (Grant PUD)	smanville@gcpud.org
P	Ronald Moulton	Western Area Power Administration-Desert Southwest Region (DSW)	remoulton@wapa.gov
P	Twyana Blair	Arizona Public Service (APS)	Twyana.blair@aps.com
P	Evan Sorrell	Puget Sound Energy	evan.sorrell@pse.com
P	Denton McGregor	Black Hills Energy	denton.mcgregor@blackhillscorp.com

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

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Idaho Power
Iowa Utilities Board
Liberty Utilities
Nebraska Municipal Power Pool
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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