



**SOUTHWEST POWER POOL
MARKETS+ DESIGN WORKING GROUP MEETING
August 29th, 2023 | 8:30 a.m. – 3:00 p.m., PT | 9:30 a.m. – 4:00 p.m., MT |
10:30 a.m. – 5:00 p.m., CPT
Net-Conference
WebEx Recording: [MDWG 082923](#) | Recording Password: **QaDPwZg2****

MINUTES

AGENDA ITEM 1 – ADMINISTRATIVE ITEMS: CALL TO ORDER, STATEMENTS, ATTENDANCE, AND AGENDA REVIEW

The Markets+ Design Working Group (MDWG) Chair, Russ Mantifel (BPA) called the meeting to order at 8:30 a.m., PT/9:30 a.m., MT/10:30 a.m., CPT and reviewed the agenda. MDWG Staff Secretary, Kristen Darden (SPP), read the recording notice and SPP anti-trust statements.

The following members attended or were represented by proxy*:

- Russ Mantifel (Chair), BPA
- Nick Detmer (Vice-Chair), Xcel/PSCo
- Adam Cornelius, SNPD
- Alycia Kramer, BPEC
- Ann Rendahl, WA Commissioner
- Barbara Cenalmor, SRP
- Blake Pederson, TEP
- Chris Green, EDE
- Dave Zvareck, ACES/AEPCO
- Don Stahl, BHE
- Jeff Spires, Powerex
- Justin Thompson, APS
- Laura Trolese, TEA
- Lindsey Schlekeway, NV Energy
- Paul Dietz, GCPUD
- Richard Seide, GS
- Rick Applegate, TPU
- Scott Miller, WPTF
- Sibyl Geiselman, PGP
- Vincent Ching, PSE



AGENDA ITEM 2 – REVIEW OF PAST ACTION ITEMS

Kristen provided an update on three MDWG action items, recommending closure for AI11 and AI12:

- AI10: MRATF's Must-Offer Obligation Design Recommendation
- AI11: MMU Virtuals education
- AI12: Markets+ Biddable Flexibility Products

AGENDA ITEM 3 – MARKETS+ SERVICE OFFERING STOPLIGHT

Kristen Darden provided an update of the Markets+ Service Offering aspects, stating the majority of the work is in green, with some items in yellow.

AGENDA ITEM 4 – CONSENT AGENDA: AUGUST 9TH JOINT MGHGTF & MDWG MINUTES AND AUGUST 10TH MDWG MINUTES

Kristen introduced the consent agenda item for approval: 8/9 Joint MGHGTF and MDWG Minutes and 8/10 MDWG Minutes. The group modified agenda item 6 (Flexibility Product Policy Education Session) in the 8/10 MDWG Minutes and approved the minutes as modified.

Motion: Nick Detmer (Xcel) motioned to approve the consent agenda, containing the 8/9 Joint MDWG/MGHGTF minutes and modified 8/10 MDWG. Adam Cornelius (SCPUD) provided the second. Motion carried unanimously.

AGENDA ITEMS 5, 5A, AND 5B – LIAISON REPORTS, MCRTF, MSWG, AND MGHGTF

MCRTF

Jeff Spires (Powerex) provided an update of the Markets+ Congestion Rent Task Force's (MCRTF) efforts.

MSWG

No update was provided during the meeting.

MGHGTF

Drew McGilvray (SPP) provided an update of the Markets+ Greenhouse Gas Task Force (MGHGTF) efforts.



AGENDA ITEMS 6 AND 6A – TARIFF REVIEW: ATTACHMENT A 4-4.2.9 (RESOURCE PARTICIPATION TYPES)

This agenda item was not discussed during the meeting. It will be covered during a future MDWG meeting.

AGENDA ITEM 7 – FLEXIBILITY PRODUCT DESIGN

Jim Gonzalez (SPP) presented an overview of Flexibility Product Reserve market design, stating the MDWG preferred during the 8/10 MDWG meeting, to align with the SPP Integrated Marketplace Ramp Product and Uncertainty Reserve Products, for a Markets+ Flexibility Reserve Product. Jim reviewed three potential products:

- Short-Term Flexibility Product Up
- Short-Term Flexibility Product Down
- Mid-Term Flexibility Product

The group discussed what is considered Phase 2 versus Phase B of Markets+. After further discussion of potential biddable resources, the group decided to discuss this along with other market design enhancements after the FERC filing of the Markets+ Tariff.

Motion: Lindsey Schlekeway (NVE) motioned to approve SPP's proposal to have the following products and associated requirements in Markets+ at go-live: 1) Short-Term Flexibility Product Up, 2) Short-Term Flexibility Product Down, and 3) Mid-Term Flexibility Product, with the removal of an explicit offer for online Mid-Term Flexibility Up. Further discussion on the option to offer maximum or minimum clearing quantity per resource in the Protocols and not Tariff will be discussed for initial tariff filing. Discussion for including the potential for biddable/offerable Flexibility Products and associated cost allocation will occur following FERC filing of the Markets+ Tariff. Laura Trolese (TEA) provided the second. Motion carried with three abstentions (PGP, SCPUD, and TAC).

SCPUD Reason for Abstention: Snohomish PUD abstained due to concerns around the lack of offerability of the flexibility products, lack of a product to cover day-ahead to real-time uncertainty, and cost allocation. Snohomish appreciates that these will be covered following the FERC filing, but could not support the motion at this time.

AGENDA ITEMS 8, 8A, 8B, AND 8C – POLICY EDUCATION SESSION: MARKET OPERATOR AND MARKET PARTICIPANT OBLIGATIONS, VIRTUALS, SCARCITY PRICING

MO/MP Obligations

Kristen introduced Market Participant and Market Operator obligations at a high-level, stating there is background material for review and the language is considered "boiler plate".

Virtuals



Maria Gingras (SPP MMU) presented an overview of virtual transactions during extreme events, stating following the MMU's analysis, the MMU recommended SPP and the Markets+ members, consider suspending virtual trading during scarcity events. The MMU also recommended that SPP and the MMU conduct additional analysis to determine what conditions would deem virtual transactions not cost-effective.

Kelli Schermerhorn (SPP) presented proposed virtual suspension conditions, stating the MDWG previously approved implementing virtuals 6-months post Markets+ go-live. Once virtuals are implemented, suspension conditions (circuit breakers) will be implemented within the market design. SPP proposed the Market Operator be able to suspend virtual transactions in its sole discretion and outlined applicable conditions for suspension. The Market Operator's decision to suspend virtual transactions will also be subject to the Market Monitoring Unit's review. Kelli requested the group provide feedback on the proposed conditions and if a fee should be applicable for all virtual transactions.

Scarcity Pricing

This agenda item was not discussed during the meeting. It will be covered during a future MDWG meeting.

AGENDA ITEMS 9, 9A, AND 9B – TARIFF REVIEW: ATTACHMENT A 6-7.15 (MARKET PARTICIPANT AND MARKET OPERATOR OBLIGATIONS), AND ATTACHMENT A (VIRTUALS)

This agenda item was not discussed during the meeting. It will be covered during a future MDWG meeting.

AGENDA ITEM 10 – SUMMARY OF MOTIONS AND ACTION ITEMS

Motions are listed above and new action items are below.

No new action items were documented.

AGENDA ITEM 11 – FUTURE MEETINGS

Meeting: [August 31st and September 1st Technical Settlements Workshop](#)

Date: August 31st – September 1st, 2023

Location: Tri-State Generation & Transmission; Denver, CO; Net-conference

Day 1: 8:30 a.m. – 5:00 p.m., MT / 9:30 a.m. – 6:00 p.m., CPT / 7:30 a.m. – 4:00 p.m., PDT

Day 2: 8:30 a.m. – 12:00 p.m., MT / 9:30 a.m. – 1:00 p.m., CPT / 7:30 a.m. – 11:00 a.m., PDT

Meeting: [September 15th MDWG Meeting](#)

Date: September 15th, 2023

Location: Net-conference

Time: 12:00 p.m. – 5:00 p.m., CPT / 10:00 a.m. – 3:00 p.m., PDT / 11:00 a.m. – 4:00 p.m., MT



Meeting: [September 20th MDWG Meeting](#)

Date: September 20th, 2023

Location: Net-conference

Time: 11:30 a.m. – 5:00 p.m., CPT / 9:30 a.m. – 3:00 p.m., PDT / 10:30 a.m. – 4:00 p.m., MT

Meeting: [October 10th MDWG Meeting](#)

Date: October 10th, 2023

Location: Net-conference

Time: 11:30 a.m. – 5:00 p.m., CPT / 9:30 a.m. – 3:00 p.m., PDT / 10:30 a.m. – 4:00 p.m., MT

AGENDA ITEM 12 – OPEN DISCUSSION

Russ allowed opportunity for open discussion.

AGENDA ITEM 13 – ADJOURNMENT

Russ adjourned the meeting at 5:00 p.m., CPT, Tuesday, August 29th.

Respectfully Submitted,

Kristen Darden
MDWG Secretary

		Markets+ Design Working Group (MDWG)	
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*	By Proxy	Attendance	
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**SOUTHWEST POWER POOL, INC.
MARKETS+ DESIGN WORKING GROUP MEETING
8/29/2023
Net-Conference**

SUMMARY OF MOTIONS AND ACTION ITEMS

MOTIONS:

- **Agenda Item 4 – Consent Agenda: August 9th Joint MDWG and MGHGTF Minutes and August 10th MDWG Minutes**

Motion: Nick Detmer (Xcel) motioned to approve the consent agenda, containing the 8/9 Joint MDWG/MGHGTF minutes and modified 8/10 MDWG. Adam Cornelius (SCPUD) provided the second. Motion carried unanimously.

- **Agenda Item 7 – Flexibility Product Design**

Motion: Lindsey Schlekeway (NVE) motioned to approve SPP's proposal to have the following products and associated requirements in Markets+ at go-live: 1) Short-Term Flexibility Product Up, 2) Short-Term Flexibility Product Down, and 3) Mid-Term Flexibility Product, with the removal of an explicit offer for online Mid-Term Flexibility Up. Further discussion on the option to offer maximum or minimum clearing quantity per resource in the Protocols and not Tariff will be discussed for initial tariff filing. Discussion for including the potential for biddable/offerable Flexibility Products and associated cost allocation will occur following FERC filing of the Markets+ Tariff. Laura Trolese (TEA) provided the second. Motion carried with three abstentions (PGP, SCPUD, and TAC).

ACTION ITEMS:

No new action items were taken.