

**SOUTHWEST POWER POOL  
MARKETS+ SEAMS WORKING GROUP (MSWG)**

November 16, 2023, 11:00 a.m. to 3:00 p.m. P.T.

Net Conference: WebEx

WebEx Recording<sup>1</sup>: [MSWG 20231116](#) Recording Password: fEsTrdH2

## SUMMARY OF MOTIONS AND ACTION ITEMS

### APPROVAL ITEMS

1. Ken Wilson (WRA) motioned to approve the meeting minutes for October 17, 2023 as submitted. Ron Moulton (WAPA) proxy for Dave Zvareck (APECO) provided the second. The motion carried unanimously.
2. Ron Moulton (WAPA) motioned and Dan Williams (TEA) seconded the following motion. The motion passed unanimous with no abstentions.
  - The MSWG approves Tariff language as reviewed and modified during the 11/16/23 meeting as implementing the concept for Uncommitted Supply Imports Interchange Transactions. During Protocol development Uncommitted Supply criteria and DA to RT RUC implications will be further defined.
3. Tyler Moore (APS) motioned and Dan Williams (TEA) seconded the following motion. The motion passed unanimous with no abstentions.
  - The MSWG approves Tariff language as reviewed and modified during the 11/16/23 meeting as implementing the concept for Market Award Priority subject to the MSWG scope. Sections 2.1.2.1, 2.3.1.2, and 3.6.1 will be further updated to reflect the direction of the MDWG sub-group reviewing the relative priorities of Flex Reserve and low priority exports.

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<sup>1</sup> WebEx recordings of SPP meetings are made available for one quarter and may be deleted after that time.

## MARKETS+ SEAMS WORKING GROUP (MSWG)

November 16, 2023, 11:00 a.m. to 3:00 p.m. P.T.

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# MINUTES

## AGENDA ITEM 1 – CALL TO ORDER AND ADMINISTRATIVE ITEMS

MSWG Chair Tuuli Hakala (Chelan County PUD) called the meeting to order at 11:05 a.m. P.T. Secretary Aaron Shipley (SPP) noted that by reviewing the WebEx attendance, quorum was established (see attachment: Attendance). Derek Russell (Powerex) held proxy for Mark Holman (Powerex) when not present. Rick Applegate (Tacoma Power) held proxy for Chad Edinger (Tacoma Power). Ron Moulton (WAPA) held proxy for Dave Zvareck (APECO). Robin Frost (Black Hills) held proxy for Andy Butcher (Black Hills). Joe Taylor (Xcel) was announced as new MSWG member replacing George McGuirk (PSCo). With quorum established, the MSWG reviewed the agenda (see attachment: Agenda). No amendments to the agenda were made and it was approved as submitted without a motion. Note, MSWG addressed item 3 prior to item 2 per the agenda and SPP Staff availability.

## AGENDA ITEM 2 – MARKET AWARD PRIORITY TARIFF LANGUAGE

Kevin Morelock (SPP) walked the MSWG through provided redline Tariff language to implement the approved concept for Market Award Priority. The MSWG made minimal modifications to the posted language. Following discussion and modifications, Tyler Moore (APS) motioned and Dan Williams (TEA) seconded the following motion. The motion passed unanimous with no abstentions.

- The MSWG approves Tariff language as reviewed and modified during the 11/16/23 meeting as implementing the concept for Market Award Priority subject to the MSWG scope. Sections 2.1.2.1, 2.3.1.2, and 3.6.1 will be further updated to reflect the direction of the MDWG sub-group reviewing the relative priorities of Flex Reserve and low priority exports.

The next steps for this language is for the MDWG and MORWG to review and approve Tariff language as part of their upcoming November 2023 meetings.

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### AGENDA ITEM 3 – UNCOMMITTED SUPPLY IMPORTS TARIFF LANGUAGE

The MSWG reviewed proposed tariff language for Markets+ Tariff Attachment A Section 7.4, 9.3.2, 9.3.4, 9.3.5, 9.3.6, 9.3.7, and 9.3.9 and a definition for Uncommitted Import Interchange Transaction in the definitions section. Tariff redline modifications and comments were reviewed as part of the discussion by the MSWG. It was noted that it was important to maintain the proper level of requirements and balance between the Tariff as compared to the Protocol development in order to maintain flexibility in the future as needed. Following discussion, a motion was made by Tyler Moore (APS) and seconded by Dan Williams (TEA) that was approved unanimously with no abstentions by the MSWG.

- The MSWG approves Tariff language as reviewed and modified during the 11/16/23 meeting as implementing the concept for Uncommitted Supply Imports Interchange Transactions. During Protocol development Uncommitted Supply criteria and DA to RT RUC implications will be further defined.

The next steps for this language is for the MDWG and MORWG to review and approve Tariff language as part of their upcoming November 2023 meetings.

### AGENDA ITEM 4 – DISCUSSION OF FUTURE MEETINGS

Mr. Shipley noted the remaining upcoming meetings for the MSWG. He noted a virtual meeting for November 29, 2023 was currently planned but may be canceled if no further work is requested of the MSWG from other M+ working groups.

### AGENDA ITEM 5 – ACTION ITEMS/PARKING LOT

No new action items/parking lot items were memorialized but items were confirmed to be part of the program wide parking lot list as appropriate.

### AGENDA ITEM 6 – ADJOURNMENT

Chair Tuuli Hakala adjourned the meeting at 2:57 p.m. PT.

**Attachments:** Agenda, Attendance, Action Items, Parking Lot

### MSWG ATTENDANCE LIST, NOVEMBER 16, 2023

Attendance details from WebEx registration. Symbols: \* denotes MSWG Member

#	NAME	COMPANY
1	Rick Applegate proxy for Chad Edinger	Tacoma Power
2	Dan Williams*	The Energy Authority
3	David Rubin	NV Energy
4	Ron Moulton proxy for Dave Zvareck*	ACES on behalf of AEPCCO
5	Robin Frost proxy for Andy Butcher	Black Hills Energy
6	Eleanor Ewry	Puget Sound Energy
7	Joe Taylor proxy*	PSCo
8	Henry Tilghman*	NIPPC
9	Ken Wilson*	Western Resource Advocates
10	Lauren Tenney Denison*	Public Power Council
11	Marcie Martin*	Salt River Project
12	Mark Holman*	Powerex Corp
13	Matt Weis*	Tri-State Generation and Transmission Association
14	Russ Mantifel*	BPA
15	Tuuli Hakala* (Chair - MSWG)	Chelan County PUD
16	Tyler Moore*	APS
17	Aaron Shipley (Staff Secretary MSWG)	SPP
18	Adam Cornelius	Snohomish PUD
19	Blake Pederson	Tucson Electric Power
20	Brian Gaarde	SRP
21	Brittany Andrus	WECC

#	NAME	COMPANY
22	Carrie Simpson	SPP
23	Chris Siewert	BPA
24	D. Diaz	Stonepigman
25	David Boyd	AESL
26	Eric East	Blackhills Energy
27	Erik Voice	Same Electric
28	Greg Macdonald	PSE
29	Jason Mazigian	BEPC
30	Joe Natividad	El Paso Electric Company
31	Jonah Cabral	PGN
32	Justin Thompson	APS
33	Kara Kolkman	Wyoming PSC
34	Kelli Schermerhorn	SPP
35	Kevin Morelock	Utilicast
36	Kevin Wellenius	
37	Layne Brown	WECC
38	Leslie Almond	PSE
39	Lorraine Piovesan	Powerex
40	Lisa Hickey	Interwest
41	Magdalena Johnson	SRP
42	Mai Truong	BPA
43	Mike Linn	PPC
44	Sara Eaton	BPA
45	Sean Erickson	WAPA

#	NAME	COMPANY
46	Shawn Carlson	Basin Electric
47	Shirley Eshback	City of Tacoma
48	Stephanie Conn	SRP
49	Steve Greenleaf	Brookfield Renewable
50	Steve Szablya	Xcel
51	Steve White	SPP
52	Tanner Brier	BPA
53	Ted Nivolianitis	TransAlta
54	Todd Kochheiser	BPA
55	Todd Miller	BPA
56	Tom Michelotti	NWE
57	Tracy Wolfgang	Utilicast
58	Vincent Ching	PSE
59	Walt Shumate	
60	Wayne Camp	Utilicast
61	Zea Flores	WAPA

**SOUTHWEST POWER POOL, INC.  
Markets+ Seams Working Group**

**Action Items Status Report**

ACTION ITEM	DATE ORIGINATED	STATUS	COMMENTS
1. SPP Send Poll on time window for meetings	5/16/23	Complete	Sent Email 5/17/2023
2. MSWG email concerns/issues you may of stated today or not that we can add to a parking lot. Potentially include the category you feel it might fall within (Interconnection Wide – Markets+ Footprint – Import/Export/Wheeling)	5/16/23	Complete	Send to Aaron Shipley <a href="mailto:ashipley@spp.org">ashipley@spp.org</a> by May 26. Sent Email 5/17
3. MRATF email concerns/issues you may of stated today or not that we can add to a parking lot. Potentially include the category you feel it might fall within (Interconnection Wide – Markets+ Footprint – Import/Export/Wheeling)	5/16/23	Complete	Send to Aaron Shipley <a href="mailto:ashipley@spp.org">ashipley@spp.org</a> by May 26. Sent email 5/17
4. SPP create log/category issues for future use	5/16/23	Complete	Created matrix 5/17
5. Vice Chair nominations	5/16/23	Complete	Submit via email 5/19
6. Add phone numbers for contacts and distribute contact list	5/16/23	Complete	
7. During discussion on Imports/Exports/Wheel Throughs. MSWG members were asked to provide comments/feedback related to	8/15/23	Complete	Members to submit

ACTION ITEM	DATE ORIGINATED	STATUS	COMMENTS
<p>what items members feel are outstanding and/or need more discussion in order to be prepared to review and approve Interchange Transmission Tariff language.</p>			<p>comments by 8/25/23</p>
<p>8. One action item was recorded during discussion on Imports/Exports/Wheel Throughs. Following the detail discussion on the Import/Export/Wheel Through concept paper, MSWG members were asked to provide any further comments/feedback related to what items members feel are outstanding and/or need more discussion in order to be prepared to review and approve Interchange Transmission Tariff language. This feedback is due by September 8.</p>	<p>9/5/23</p>	<p>Complete</p>	<p>Members to submit comments by 9/8/23</p>
<p>9. MSWG members to submit edits to Tariff draft language by 9/15/23 for consideration during the 9/26/23 MSWG meeting.</p>	<p>9/12/23</p>	<p>Complete</p>	<p>Members to submit comments by 9/15/23</p>
<p>10. MSWG members to submit edits to Tariff draft language by 9/29/23 for consideration during the 10/03/23 MSWG meeting.</p>	<p>9/26/23</p>	<p>Complete</p>	<p>Members to submit comments by 9/29/23</p>
<p>11. Does the Tariff need to reflect somewhere, what would happen if you had an entity importing and exporting and not submitting information to SPP through an eTag. What if you are not a Market Participant?</p>	<p>9/26/23</p>	<p>Complete</p>	<p>Noted during 9/26 MSWG as part of the Transmission Opt Out discussion.</p>



ACTION ITEM	DATE ORIGINATED	STATUS	COMMENTS
12. MSWG members to submit edits to Tariff draft language on CM 2.3.2 by 10/6/23 for consideration during the 10/17/23 MSWG meeting.	10/3	Complete	Message sent to MSWG on 10/4.
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**SOUTHWEST POWER POOL, INC.  
Markets+ Seams Working Group**

**MSWG Future Tasks Items Status Report**

PARKING LOT ITEM	DATE ORIGINATED	STATUS	COMMENTS
1. Does Markets+ need to distinguish high priority vs low priority imports? If yes, what qualifies as high priority and what are the needed parameters to distinguish the two? Potentially reduce low priority exports as necessary	8/15/23	Complete	Per Powerex, TEA tariff level and needed prior to tariff filing. Tariff have what is needed. Protocol will continue to review.
2. Should CAISO be treated as 1 source/sink or be split into North/South? What flow limitations are in Market limitations model related to boundaries?	9/5/23	Complete	Not Tariff but implementation. Captured on Program Master Parking Lot
3. SPP review Tariff as a whole to ensure terminology update is captured in all applicable areas for Self-Scheduled and Economic terminology change.	10/3	Complete	Does not require MSWG to review/approve but would be carried fwd to MDWG and MPEC approvals. MSWG complete, SPP Staff confirming overall Tariff review
4. Real Time Market Enhancements – explore hour-ahead schedule, Various	10/3	Complete	Post Phase 1 work for MSWG or MDWG. On

PARKING LOT ITEM	DATE ORIGINATED	STATUS	COMMENTS
agreements and reserve products for future coordination			Program M+ Parking Lot
5. SPP M+ will explore seams-agreements, operations protocols, or other mechanisms to enhance the economic efficiency and reliability of uncommitted import supply following the initial M+ tariff filing.	10/3	Open	
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