

**SOUTHWEST POWER POOL**  
**MARKETS+ SEAMS WORKING GROUP (MSWG) & MARKETS+ RESOURCE ADEQUACY**  
**TASK FORCE (MRATF) MEETING**

June 6, 2023, 11:00 a.m. to 3:00 p.m. P.T.

Net Conference: WebEx

WebEx Recording<sup>1</sup>: [MSWG\\_MRATF 20230606](#) | Recording Password: mWP6RW8B

## **SUMMARY OF MOTIONS AND ACTION ITEMS**

### **APPROVAL ITEMS**

1. Ken Wilson (WRA) motioned to approve the meeting minutes for May 16, 2023. Henry Tilghman (NIPPC) provided the second. The motion carried unanimously with one update to correct the spelling for Nick Myers (AZCC) name and repost the minutes.
2. Dave Rubin (NV Energy) motioned to elect Marcie Martin (SRP) as the Vice Chair of the Markets+ Seams Working Group. Tyler Moore (APS) provided the second. The motion carried unanimously.
3. Lindsey Schlekeway (NV Energy) moved to approve Derek Russell (Powerex) as the Vice Chair for the Markets+ Resource Adequacy Task Force. Jon Cook (SRP) provided the second. The motion carried unanimously.

### **NEW ACTION ITEMS**

1. No new action items were recorded during the meeting.

---

<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) & MARKETS+ RESOURCE ADEQUACY TASK FORCE (MRATF) MEETING

June 6, 2023, 11:00 a.m. to 3:00 p.m. P.T.

Net Conference: WebEx

WebEx Recording<sup>2</sup>: [MSWG MRATF 20230606](#) | Recording Password: mWP6RW8B

# 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 for both the MSWG and MRATF (see attachment: Attendance). With quorum established, the MSWG and MRATF reviewed the agenda (see attachment: Agenda). No amendments to the agenda were made and it was approved as submitted without a motion.

### *Minutes Approval*

**Motion:** Ken Wilson (WRA) motioned to approve the meeting minutes for May 16, 2023. Henry Tilghman (NIPPC) provided the second. The motion carried unanimously with one update to correct the spelling for Nick Myers (AZCC) name and repost the minutes.

## AGENDA ITEM 2 – VICE CHAIR DISCUSSION

Secretary Aaron Shipley (SPP) noted the MSWG received one nomination for Marcia Martin (SRP) to represent the MSWG as the Vice Chair.

**Motion:** Dave Rubin (NV Energy) motioned to elect Marcie Martin (SRP) as the Vice Chair of the Markets+ Seams Working Group. Tyler Moore (APS) provided the second. The motion carried unanimously.

Mr. Shipley noted the MRATF did not receive a nomination for the MRATF Vice Chair role prior to the meeting, however Derek Russell (Powerex) expressed a willingness to fill the seat during discussion.

---

<sup>2</sup> WebEx recordings of SPP meetings are made available for one quarter and may be deleted after that time.

**Motion:** Lindsey Schlekeway (NV Energy) moved to approve Derek Russell (Powerex) as the Vice Chair for the Markets+ Resource Adequacy Task Force. Jon Cook (SRP) provided the second. The motion carried unanimously.

### AGENDA ITEM 3 – REVIEW OF MSWG/MRATF MEMBER TOPIC SUBMITTALS

Tyler Moore (APS) led a discussion regarding member topic submittals for the MRATF to consider as part its work plan and prioritization. Mr. Moore noted the working group leadership will continue to refine the submittals and organize the items to account for priority that both coordinates within the scope of the MRATF and timeline for phase 1 and 2 of the Markets+ effort. There were three general areas that the majority of submittals fell within: 1) must offer obligation; 2) external participation/interoperability; and 3) timing/binding of Markets+ and WRAP.

Tuuli Hakala (Chelan County PUD) led a discussion around the member topic submittals for the MSWG to consider as part of its work plan and prioritization. Ms. Hakala noted similar feedback that the MSWG leadership will continue to refine submittals and organize the items for future discussion and use. Themes that the majority of submittals focused on included: 1) import/exports and wheel thru issues; 2) electric gas themes; 3) timeline questions/concerns; and 4) congestion management topics.

### AGENDA ITEM 4 – EDUCATION

The MSWG and MRATF received an education presentation from Jared Greenwalt (SPP MMU) regarding the SPP Integrated Marketplace Must Offer. Mr. Greenwalt covered how the Must Offer functions within the context of the SPP Integrated Marketplace, features and requirements, the history on how the Must Offer feature has evolved over time within the SPP Integrated Marketplace including drivers of the changes, and finally concerns the SPP MMU has with how the current SPP Integrated Marketplace Must Offer is constructed.

Following Mr. Greenwalt's presentation, Laura Trolese (The Energy Authority) and Tyler Moore (APS) provided a presentation focused on leading discussion for how the Markets+ Resource Adequacy/Must Offer Requirement might be constructed. The presentation included information on current Western Resource Adequacy Program (WRAP) features and how it is constructed. It was noted the program covers two seasons with deadlines for coverage and discussed the current planning reserve margin with contingency reserves. The WRAP program utilizes a holdback calculation to determine surplus and deficient entities. Due to time constraints a full discussion was not able to be facilitated around this feature in a Markets+ context, further discussion at the June 27, 2023 meeting will focus on this area. Ms. Trolese and Mr. Moore's presentation included how a potential Markets+ Must Offer Requirement might work and prompted discussion around decision points for the MRATF to determine as what is the best structure for the Markets+ framework. No decisions were made but future discussion at the following meetings will continue to focus on this issue.

It was noted that education on the WRAP Operations Program and what is included in the hold back feature would be useful.

#### **AGENDA ITEM 5 – NEW BUSINESS AND OPEN DISCUSSION**

There were not any new items added to this area of the agenda, however it was noted that other discussion on the mechanics of Seams/Operational issues would be useful. Ms. Hakala noted that this will be a focus of the MSWG specifically once the MSWG starts to split meetings from the MRATF in July. Ms. Hakala noted it is likely the MSWG will pursue establishment of “focus groups” to address specific topics and report back for discussion/decision at the MSWG meetings.

#### **AGENDA ITEM 6 – DISCUSSION OF FUTURE MEETINGS**

Mr. Shipley noted the future meeting schedule has been determined through the end of 2023. These meetings will be posted to the SPP website for registration prior to the next meeting on June 27.

#### **AGENDA ITEM 7 – ACTION ITEMS**

Mr. Shipley reviewed a list of action items noting status of each item.

#### **AGENDA ITEM 8 – ADJOURNMENT**

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

**Attachments:** Agenda, Attendance

**SOUTHWEST POWER POOL, INC.**  
**Markets+ Seams Working Group and Markets+ Resource Adequacy Task Force**  
**MEETING**

**Tuesday, June 6, 2023**  
**11 a.m. – 3 p.m. PT | 12 p.m. – 4 p.m. MT | 1 p.m. – 5 p.m. CT**  
**Virtual Meeting**

*This meeting will be recorded. By attending the meeting, you are consenting to be recorded.*

## **AGENDA**

1. **Call to Order and Administrative Items**..... Tuuli Hakala
  - a) Establish Quorum
  - b) Agenda Review
  - c) **Approval** of May 16, 2023 Meeting Minutes
  
2. **Vice Chair Discussion**..... Tuuli Hakala
  - a) MSWG Nominations Review/**Approval** ..... Tuuli Hakala
  - b) MRATF Nominations Review/**Approval**..... Tyler Moore
  
3. **Review of MSWG/MRATF Member Topic Submittals**..... Tuuli Hakala/SPP Staff
  
- Break**
  
4. **Education**..... Group
  - a) SPP Integrated Marketplace Must-Offer..... Jared Greenwalt (SPP MMU)
  - b) Markets + Must Offer..... Laura Trolese
  
5. **New Business and Open Discussion**..... All
  
6. **Discussion of Future Meetings**..... Aaron Shipley
  - a) June 13-14, 2023 – Markets+ Joint In-person Portland
  - b) June 27, 2023 – Virtual, joint with MRATF
    - i) Meeting Time Poll Results
  - c) July 18, 2023 – Virtual, MSWG only
  - d) July 19, 2023 – Virtual, MRATF only

***Antitrust:** SPP strictly prohibits use of participation in SPP activities as a forum for engaging in practices or communications that violate the antitrust laws. Please avoid discussion of topics or behavior that would result in anti-competitive behavior, including but not limited to, agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition.*

- e) MPEC 8/8
- f) August 15, 2023 – Virtual, MSWG only
- g) August 16, 2023 – Virtual, MRATF only

7. **Action Items**.....Aaron Shipley

8. **Adjournment**.....Tuuli Haka

***Antitrust:** SPP strictly prohibits use of participation in SPP activities as a forum for engaging in practices or communications that violate the antitrust laws. Please avoid discussion of topics or behavior that would result in anti-competitive behavior, including but not limited to, agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition.*

### MSWG AND MRATF ATTENDANCE LIST, JUNE 6, 2023

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

#	NAME	COMPANY
1	Brad Parker*+	CalPeco
2	Chad Edinger*	Tacoma Power
3	Dan Williams*	The Energy Authority
4	Dave Zvareck*+	ACES on behalf of AEPCO
5	David Rubin*	NV Energy
6	Derek Russell+	Powerex Corp
7	Eleanor Ewry*	Puget Sound Energy
8	Garrett Schilling+	Basin Electric
9	George McGuirk*	PSCo
10	Greg Wannier+	Sierra Club
11	Henry Tilghman*	NIPPC
12	Jonathan Glasgow*	Puget Sound Energy
13	Karan Pol*+	Daymark on behalf of Clean Energy Buyers Association
14	Ken Wilson*	Western Resource Advocates
15	Marcie Martin*	Salt River Project
16	Mark Holman*	Powerex Corp
17	Russ Mantifel*	BPA
18	Sachi Begur+	PSE
19	Tammy Cordova*+	MSC Advisory Seat
20	Tuuli Hakala* (Chair - MSWG)	Chelan County PUD
21	Tyler Moore*+ (Chair - MRATF)	APS

#	NAME	COMPANY
22	Dave Young+	WAPA-DSW
23	Eric Scherr+	Black Hills Energy
24	Fred Heutte+	Northwest Energy Coalition
25	Jon Cook+	Salt River Project
26	Kylah McNabb+	National Resource Defense Council
27	Laura Trolese+	The Energy Authority
28	Lindsey Schlekeway+	NV Energy
29	Mai Truong+	BPA
30	Rick Applegate+	Tacoma Power
31	Steve Szablya+	PSCo
32	Aaron Shipley (Staff Secretary MSWG)	SPP
33	Abby Johnson	Idaho Power
34	Adam Cornelius	Snohomish PUD
35	Amanda Hasty	Arizona CC
36	Amari Rogers	SPP
37	Amy E. Casavechia	SPP
38	Armin Sehic	NMPP energy
39	Bill Kluza	Tri State
40	Brittany Andrus	WECC
41	Cameron Yourkowski	Patternenergy
42	Carly Page	PUC NV
43	Cat Whitten	PSE
44	Carrie Simpson	SPP
45	Chris Siewert	BPA



#	NAME	COMPANY
46	Clint Savoy	SPP
47	Connie Westadt	Puc NV
48	Connor Curson	Powerex
49	Daniel Strickland	CSU
50	Dave Gorlin	WAPA
51	David Boyd	AESL Consulting
52	Diaz	Stone Pigman
53	Debra Malin	BPA
54	Deni Golden	SPP
55	Denton McGregor	Black Hills
56	Edward Garvey	Aesl Consulting
57	Erik Voice	Salem Electric
58	Ethan Tedder	SPP
59	Gary Hoffman	WAPA
60	Jacqueline Vogel	TriState
61	Jared Greenwalt	SPP
62	Jason Mazigian	BEPC
63	Jennifer Farley	SPP
64	Jennifer Gingrich	BPA
65	Jessica Zahnow	PSE
66	Joe Fina	SNO PUD
67	Joe Mercer	BPA
68	John Anasis	BPA
69	Joe Taylor	Xcel

#	NAME	COMPANY
70	Johnson Stefanie	Seattle
71	Kathy Anderson	Idaho Power
72	Kelli Schermerhorn	SPP
73	Kevin Morelock	Utilicast
74	Kevin Wellenius	
75	Landon Snyder	SNO PUD
76	Layne Brown	WECC
77	Lea Fisher	GDA
78	Leslie Almond	PSE
79	Libby Kirby BPA	BPA
80	Lisa Hickey	
81	Lorraine Piovesan	Powerex
82	Magdalena Johnson	SRP
83	Margaret Pedersen Mainzer	BPA
84	Marisa Choate	SPP
85	Matt Powell	
86	Maya Nevels	Power Alliance
87	Meredith Aitken	Powerex Corp
88	Michael Clark	AZCC
89	Michael McWilliams	Powerex Corp
90	Michael Robinson	WY Gov
91	Mike Linn	PPC
92	Nadia Wer	Pacific Corp
93	Nick Myers	AZCC

#	NAME	COMPANY
94	Nicole Blackwell	Idaho Power
95	Nicole Wagner	SPP
96	Nikki Emam	Energy Strategy
97	Patti Kelly	SPP
98	Paul Antony	Gabel Associates
99	Rachel Kane	SPP
100	Rachel Walden	Walden Patriot
101	Rob Gosselin	Powerex
102	Ron Moulton	WAPA
103	Ryan Hubbard	Tri State
104	Scott Neu	CES-Ltd
105	Sean Erickson	WAPA
106	Shawn Carlson	BEPC
107	Sibyl PGP	Public Generating Pool
108	Steve Bellcoff	BPA
109	Steve Gaw	Power Alliance
110	Steve Sanders	WAPA
111	Tanner Brier	BPA
112	Todd Kochheiser	BPA
113	Tom Michelotti	NEW
114	Toni Williams	BPA
115	Tony Alexander	SPP
116	Vijay Singh	Pacificorp
117	Vincent PSE	PSE

#	NAME	COMPANY
118	Virginia Schaeffer	BPA