

SOUTHWEST POWER POOL
MARKETS+ GREENHOUSE GAS TASK FORCE (MGHGTF) MEETING
June 14, 2023, 1:00 p.m. to 5:00 p.m. PT | In-person & Net Conference

SUMMARY OF MOTIONS AND ACTION ITEMS

APPROVAL ITEMS

1. Alisa moved to approve the consent agenda. Commissioner Ann Rendahl seconded and the motion passed with none opposed. Items approved under the consent agenda are:
 - June 14, 2023, MGHGTF Agenda
 - June 1, 2023, MGHGTF Minutes

NEW ACTION ITEMS

1. All materials and meeting information for the Tracking and Recording Subgroup will be shared with the MGHGTF and posted online.
2. Staff will post scenario examples on the MGHGTF website.
3. Committee will submit feedback on the June 14th discussion.
4. Clare Breidenich will write up her suggested alternative approach to addressing MW re-designation she presented during the meeting.

SOUTHWEST POWER POOL
MARKETS+ GREENHOUSE GAS TASK FORCE (MGHGTF) MEETING
June 14, 2023, 1:00 p.m. to 5:00 p.m. PDT
Net Conference: WebEx
*To access the WebEx meeting recording of the June 13-14, 2023
Markets+ Working Groups Joint Meeting email kdarden@spp.org*

MINUTES

AGENDA ITEM 1 – CALL TO ORDER AND ADMINISTRATIVE ITEMS

MGHGTF Chair Mary Wiencke called the meeting to order. She conducted a roll call of members in attendance or represented by proxy (see Attachment B: Attendance). With a quorum established, the task force reviewed the agenda. Alisa Kaseweter moved to approve the consent agenda. Ann Rendahl seconded, and the motion passed with no objections. Items approved under the consent agenda were:

- June 1, 2023, MGHGTF Minutes
- MGHGTF Tracking & Reporting Metric Subgroup Members

AGENDA ITEM 2 – MDWG UPDATE

Chair Mary Wiencke asked if any members of the Markets+ Design Working Group (MDWG) – the parent group of the MGHGTF – had updates to share from that group’s meeting held the June 13th and the morning of the 14th. The task force members were encouraged to review the MDWG meeting materials; the materials contained helpful educational materials relevant to MGHGTF.

AGENDA ITEM 3 – MGHGTF OBJECTIVES & WORK PLAN

Chair Mary Wiencke led an overview of the edited draft objectives and work plan for the MGHGTF. The task force discussed and deliberated on agreed-upon language for the objectives and high-level considerations. The task force discussed expectation setting to allow members to have necessary conversations with their respective organization, which allow for meaningful input from members during task force meetings

AGENDA ITEM 4 – MW RE-DESIGNATION**AGENDA ITEM 5 – GHG SHADOW PRICING AND LMP**

Agenda Items 4 and 5 were presented together. The task force engaged in meaningful discussion. A suggestion was put forth that the task force considers two issues as it relates to GHG Pricing Zones: (1) Consider what happens to clean resources that are contracted and exported elsewhere and whether that frees up space for transfers in the GHG zone. (2) GHG rates – how unspecified emission rate for the unspecified transferred is determined. These considerations will be added to the list of open opportunities to consider.

Price Formation was discussed, and the significance of the use of the reference bus. Drew McGilvray (SPP) shared key takeaways from the examples.

MGHGTF discussed what should be aimed for in the baseline for the two-pass solution. The task force members discussed potential program rules around specified source import qualification, GHG re-designation definition/objectives, jurisdiction-designated capacity treatment, and transmission procurement considerations. The members discussed how to minimize re-designation and how to utilize projections and leverage studies to pursue a two-path solution and potentially have a one-pass solution with a projection study. The idea was shared to have more than one class of specified source imports, and the team discussed the need to define surplus.

A request was made to include designated markers in the work plan to capture regulatory and operation approach to alternatives. Additionally, a request was made to further discuss how to account for lost opportunity costs.

Agenda Item 6 – NEW BUSINESS AND OPEN DISCUSSION

Chair Wiencke stated the June 20th meeting will be a continuation of the June 14th meeting. She asked the tasked force to provide written comments on today's discussion.

AGENDA ITEM 7 – DISCUSSION OF FUTURE MEETINGS

The next MGHGTF task force is scheduled for Tuesday, June 20, 2023, conducted via WebEx.

AGENDA ITEM 8 – ACTION ITEMS

Secretary Kim O'Guinn reviewed a list of action items. (see "New Action Items" in the Summary of Motions and Action Items).

AGENDA ITEM 9 – ADJOURNMENT

Chair Mary Wiencke adjourned the meeting.

Attachments: Agenda, Attendance

**SOUTHWEST POWER POOL, INC.
MARKETS+ GREENHOUSE GAS (GHG) TASK FORCE**

June 14, 2023
Bonneville Power Administration Office
Rates Hearing Room
Portland, OR
1 p.m. – 5 p.m. PT | 2 p.m. – 6 p.m. MT | 3 p.m. – 7 p.m. CT

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

AGENDA

1. **Call to Order and Administrative Items** (20 min)
 - a) Statements: Notice of Recording & Anti-trust Statement..... Kim O’Guinn
 - b) Roll call Mary Wiencke
 - c) Consent Agenda (**Approval**) Mary Wiencke
 - i) June 1, 2023 Meeting Minutes
 - ii) MGHGTF Tracking & Reporting Metric Subgroup Members
 - d) Review of Action Items Kim O’Guinn
 2. **MDWG Update** (10 min).....MDWG Representatives
 3. **MGHGTF Objectives & Work Plan** (30 min).....Mary Wiencke
 4. **MW Re-Designation** (120 min)SPP Staff
- 10-minute break*
5. **GHG Shadow Pricing & LMP** (60 min)SPP Staff
 6. **Next Steps in Developing Tariff Language** (30 min).....SPP Staff
 7. **New Business and Open Discussion** (10 min)..... All
 8. **Discussion of Future Meetings** (5 min)..... Kim O’Guinn
 9. **Action Items**..... Kim O’Guinn
 10. **Adjournment** Mary Wiencke

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MGHGTF ATTENDANCE LIST, JUNE 14, 2023

Attendance details from WebEx registration, spp.org registration and in-person registration lists. Not all actual attendees may be reflected due to missing data. Attendance represents total attendees for the June 13-14 Markets+ Working Groups Joint Meeting.

Symbols: * denotes MGHGTF Member and † denotes proxy.

#	NAME	COMPANY
1	Mary Wiencke* (Chair)	Public Generating Pool
2	Clare Breidenich* (Vice Chair)	Western Power Trading Forum
3	Alexander Tai*	Tucson Electric Power
4	Alisa Kaseweter*	Bonneville Power Administration
5	Ann Rendahl*	WUTC
6	Brad Parker*	Liberty Utilities
7	Ian Hunter*	Snohomish PUD
8	Janet Jaspers*	Chelan County PUD
9	Jeff Spires*	Powerex
10	Jessica Zahnow*	Puget Sound Electric
11	Kyle Frankiewich*	City of Tacoma
12	Laura Trolese*	The Energy Authority
13	Lindsey Schlekeway*	NV Energy
14	Nick Myers*	Arizona Corporation Commission
15	Omayya Ahmad*	Arizona Public Service
16	Richard Seide*	Grid Strategies LLC
17	Kim O'Guinn* (Secretary)	SPP
18	Aaron Shipley	SPP
19	Adam Cornelius	Snohomish PUD
20	Adrina Tarver	BPA
21	Agnes Lut	Salt River Project
22	Alex Rozen	Colorado PUC
23	Alex Spain	BPA
24	Allison Hirsch	APS
26	Alycia Kramer	BEPC
27	Amanda Hasty	Arizona Corporation Commission
28	Amber Parker	AEPCO
29	Andy Meyers	BPA
30	Barbara Cenalmor Bruquetas	Salt River Project
31	Ben Fitch-Fleischmann	NorthWestern Energy
32	Bill Drumheller	Washington Department of Ecology
33	Blake Pederson	Tucson Electric Power
34	Brad Johnston	SPP
35	Brian Thompson	Tri-State Generation & Transmission
36	Brittany Andrus	WECC

#	NAME	COMPANY
37	Byran Bradshaw	Copia Power
38	Caitlin Liotiris	Energy Strategies, LLC
39	Calvin Dacus	Tucson Electric Power
40	Cameron Reed	Puget Sound Electric
41	Carly Page	Nevada PUC
42	Carrie Simpson	SPP
43	Chris Green	Liberty Utilities
44	Chris Hofmann	Salt River Project
45	Chris Nolen	SPP
46	Connie Westadt	Nevada PUC
47	Connor Curson	Powerex
48	Damon Skondin	Tucson Electric Power
49	Dan Williams	The Energy Authority
50	Darcie Houck	California Public Utilities Commission
51	Dave Churchman	Grant PUD
52	Dave Gorlin	WAPA
53	Dave Zvareck	ACES Power
54	David Boyd	AESL Consulting
55	David Nilsson	Adapt2 Solutions
56	David Rubin	NV Energy
57	Debra Malin	BPA
58	Deni Golden	SPP
59	Denise Martin	SPP
60	Denton McGregor	Black Hills
61	Derek Russell	Powerex
62	Drew McGilvray	SPP
63	Edward Garvey	AESL Consulting
64	Emon Mahony	SPP
65	Eric Raatz	Tucson Electric Power
66	Erik Voice	Salem Electric
67	Erika Doot	BPA
68	Ethan Tedder	SPP
69	Evan Sorrell	Puget Sound Electric
70	Fred Heutte	NW Energy Coalition
71	Gary Hoffman	WAPA
72	Gary Rosenwald	The Glarus Group
73	Gentry Crowson	SPP
74	George McGuirk	Xcel Energy
75	Gia Anguiano	Western Interstate Energy Board
76	Greg DeLizio	Salt River Project
77	Greg Rislov	South Dakota PUC

#	NAME	COMPANY
78	Hamilton Bitely	SPP
79	Henry Tilghman	Tilghman Associates
80	Ian Wren	SPP
81	Jason Mazigian	BEPC
82	Jeff Lindsay	NMPP Energy
83	Jeremy Voll	BEPC
84	Jim Krajecki	Customized Energy Solutions
85	Joe Fina	Snohomish PUD
86	Joe Hrcir	APS
87	John Anasis	BPA
88	John Fulkerson	PG&E
89	John Parks	Colorado Energy Office
90	John Paulsen	WAPA
91	Jonathan Glasgow	Puget Sound Electric
92	Jonathan Neill	Powerex
93	Joseph Doyle	Pattern Energy
94	Justin Thompson	APS
95	Kacia Brockman	OPUC
96	Kalia Savage	PGE
97	Karan Pol	Daymark Energy Advisors
98	Kathy Anderson	Idaho Power
99	Katie Ware	Renewable NW
100	Keith Quinata	WUTC
101	Kelli Schermerhorn	SPP
102	Ken Quimby	SPP
103	Ken Wilson	Transgrid Consulting
104	Kent Walter	APS
105	Kevin Wellenius	Analysis Group
106	Kiley Moore	NV Energy
107	Kimberly Haugen	Snohomish PUD
108	Kristen Darden	SPP
109	Kylah McNabb	Vesta Strategic Solutions
110	Kyle Kennedy	Utilicast
111	Laura Olson	Salt River Project
112	Lauren Briggs	Tucson Electric Power
113	Lauren Tenney Denison	Public Power Council
114	Layne Brown	WECC
115	Li Zhou	Utilicast
116	Loren Ditsch	Omaha Public Power District
117	Lori Frisk	WAPA
118	Magdalena Johnson	Salt River Project

#	NAME	COMPANY
119	Marcie Martin	Salt River Project
120	Margo Thompson	BEPC
121	Mariano Mezzatesta	BPA
122	Marisa Choate	SPP
123	Mark Simpson	BPA
124	Matt Alvarado	Iowa Utilities Board
125	Meredith Aitken	Powerex
126	Micha Bailey	SPP
127	Michael Houglum	Tri-State Generation & Transmission
128	Michael Mason	Tri-State Generation & Transmission
129	Michael McWilliams	Powerex
130	Michael Robinson	Wyoming PSC
131	Mike Mason	Tri-State Generation & Transmission
132	Mike Norris	BPA
133	Miles	Powerex
134	Morgan Stach	Avista Corp
135	Nadia Wer	PacifiCorp
136	Nathan Hunt	NorthWestern Energy
137	Nick Detmer	Xcel Energy
138	Nicole Wagner	SPP
139	Niki Bawa	California Public Utilities Commission
140	Nikki Roberts	SPP
141	Olivia Dawson-Olson	Xcel Energy
142	Patti Kelly	SPP
143	Paul Antony	Gabel Associates
144	Paul Dietz	Grant PUD
145	Phil Haines	Puget Sound Electric
146	Philip Westby	BEPC
147	Rachel Kane	SPP
148	Raj Hundal	Powerex
149	Raquel Aguilar	Tucson Electric Power
150	Rob Gosselin	Powerex
151	Robert Bray	Arizona G&T Cooperatives
152	Robert Mullin	RTO Insider
153	Robin Arnold	Renewable NW
154	Ron Moulton	WAPA
155	Rylan Caskey	Puget Sound Electric
156	Sachi Begur	Puget Sound Electric
157	Sarah Davis	Utilicast
158	Sarah Ruen	Tri-State Generation & Transmission
159	Scott Miller	WPTF

#	NAME	COMPANY
160	Scott Neu	Customized Energy Solutions
161	Sean Erickson	WAPA
162	Selena Alford	BPA
163	Seth Mayfield	SPP
164	Shane Sanders	Arizona G&T Cooperatives
165	Shirley Eshbach	City of Tacoma
166	Sibyl Geiselman	Public Generating Pool
167	Stephanie Conn	SPP
168	Steve Bellcoff	BPA
169	Steve Gaube	BPA
170	Steve Johnson	SPP
171	Steve Szablya	Xcel Energy
72	Steve White	SPP
173	Susan Manville	Grant PUD
174	Tanner Brier	BPA
175	Todd Miller	BPA
176	Tom Michelotti	NorthWestern Energy
177	Toni Williams	BPA
178	Tuuli Hakala	Chelan County PUD
179	Tyler Moore	APS
180	Vijay Singh	PacifiCorp
181	Walt Shumate	Shumate & Associates
182	Wayne Camp	Utilicast
183	Will Nipper	SPP
184	Yasser Bahbaz	SPP