

**SOUTHWEST POWER POOL, INC.**  
**Markets+ Resource Adequacy Task Force MEETING**

**Wednesday, August 16, 2023**  
**11 a.m. – 3 p.m. PT | 12 p.m. – 4 p.m. MT | 1 p.m. – 5 p.m. CT**  
**Virtual Meeting**

Recording Link:

<https://mysppmeeting.webex.com/mysppmeeting/ldr.php?RCID=eecb2157993e7246362e335e6811ed6>

Password: [uJSmB3KN](#)

## MOTIONS & ACTION ITEMS

No MOTIONS were taken

ACTION ITEM 1: SPP to revise minutes to reflect feedback from Lindsey Schleckeway. of NV Energy and Mai Truong of BPA. Status: complete, see spp.org.

ACTION ITEM 2: MRATF Vice Chair & Staff to develop RTMOO Poll issued via email detailing three “levels” of RT Must Offer Parameters, seeking direction. **Poll to be issued week of 8/21.**

ACTION ITEM 3: SPP Staff to report back on the Flex Reserve discussion following 8/29 MDWG meeting occurring concurrently at MDWG. **Due 9/6.**

ACTION ITEM 4: SPP Staff to create an educational folder on spp.org to provide the following resources; to be updated when necessary.

WRAP Final Design Document

WRAP OPS Data File Specification Draft

East IM Day Ahead & Real Time training, including RUC training

Status: complete <https://spp.org/spp-documents-filings/?id=370802>

## ATTENDANCE

83 participants attended, including 20 Task Force members listed below, 11 SPP Staff members, and 2 Staff from SPP MMU. Meeting was called to order at 1:00 PM CT 8/16/2023. MRATF Staff Secretary, Kelli Schermerhorn (SPP), read the recording notice and SPP anti-trust statements. Chair Tyler Moore (APS) reviewed the agenda, which was accepted by

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First Name	Last Name	Company
Brian	Thompson	Tri-State Generation and Transmission Association
Dave	Zvareck	ACES on behalf of AEPCO
Derek	Russell	Powerex Corp
Brooke	Voorhees	Black Hills Energy
Garrett	Schilling	Basin
Garrison	Marr	Snohomish PUD
Jon	Cook	Salt River Project
Karan	Pol	Daymark on behalf of Clean Energy Buyers Association
Laura	Trolese	The Energy Authority
Lauren	Tenney Denison	PPC
Lindsey	Schlekeway	NV Energy
Mai	Truong	Bonneville Power Administration
Kylah	McNabb	National Resource Defense Council
Rick	Applegate	Tacoma Power
Sachi	Begur	Puget Sound Energy
Steve	Szabyla	PSCo
Dave	Young	WAPA-DSW
Tammy	Cordova	MSC Advisory Seat
Tyler	Moore	APS
Nick	Myers	MSC Advisory Seat
<i>absent</i>		
<i>Gregory</i>	<i>Wannier</i>	<i>Sierra Club</i>
<i>Fred</i>	<i>Huette</i>	<i>Northwest Energy Coalition</i>
<i>Lauren</i>	<i>Briggs</i>	<i>Tucson Electric Power</i>
<i>Leah</i>	<i>Kaffine</i>	<i>Pattern Energy</i>

## MINUTES

1. **Recap the 8/2 Limited Must Offer Motion - Where do we go from here to meet 9/5 recommendation deadline?** .....Chair & Staff
  - i) **Roundtable Abstentions** – Task force members discussed reasons for abstentions on 8/02 limited day-ahead offer motion which were primarily around WRAP data uncertainty.
  - ii) **MPEC recap** Chair Moore provided update from the 8/8 – 8/9 MPEC Meeting, including the Motion to leverage boilerplate language; MRATF falls outside the definition of boilerplate, but the direction is helpful.
  - iii) **MDWG – Uncertainty** The group discussed how the uncertainty component is under consideration in the Flex product discussion at the MWDG with approval anticipated by the end of the month.
  
2. **Real Time Must Offer:** Led by Vice Chair Russell, the group discussed the appropriate starting point for the real time offer parameters. Issues raised by the task force included WRAP data availability, and how to identify the appropriate “starting point” based on known data; how long-lead and fuel-limited resources might manage to a real time need, which was further explored in the subsequent agenda item. Staff provided clarification about how the RUC process works in DA, occurring 45 min after the DAMKT awards, and then continuously

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at least every four hours in the Real Time Market to adjust for forecast and unit performance; each solved interval is based on the prior. If an **available** (meaning a unit with a real-time bid that is scheduled into the market) unit receives a RUC commitment, it will be made whole to its offered-in startup costs, no load costs, sync-to-min costs and the energy award. RUC makes efficient use of resources that are already committed in its solution. NSI is based on approved tags, flex product will help manage the nearer term uncertainty within the hour and operating day; but we need to capture from a data perspective how to see NSI in the footprint. **The ACTION ITEM #2** is a Poll to be issued by the week of 8/21, ranking the following options, which will be refined for clarity and supported by examples:

**Limited MOO A** (DA): DA process commitments + DA Upward Uncertainty Awards = 2500

**Limited MOO B**: (DA +): DA process commitments + DA Upward Uncertainty Awards + Reliability Buffer + Diversity Buffer + Trigger Conditions = TBD, but the lesser of the two values will bind

**Limited MOO C**: (DA Obligation/Quantity): DA Must Offer Quantity = 3500, the greater of A or C

**Limited MOO D**: DA Must Offer Quantity = 3500, updated with real-time inputs, +/- DA Markets+ plus Net Purchases / Sales

**Scenario:**

*FS Fleet: 5000MWs*

*DA Must Offer Quantity: 3500MW*

*DA Energy Award = 2000, plus additional DA RUC Award = 500 Total DA Physical Commitment = 2500*

- Opportunity Cost Calculator, Penalties:** Ian Wren from the SPP MMU presented on the Opportunity Cost Calculator and how that translates into an energy offer and award in the DA and RT markets in the East and separately WEIS. MMU recommends an enumerated list of elements that will qualify for the OCC in M+. SPP Staff and Tyler Moore discussed penalties. In the East market, penalties exist to enforce compliance at the direction of FERC. Here, the WRAP program has operational penalties, coupled with the fact that BAs as still in charge of their systems, may suggest no penalty or a lesser. Decision on this TBD.
- Adjourned at 5:04 CT.