

SOUTHWEST POWER POOL
OPERATING RELIABILITY WORKING GROUP
Thursday May 20, 2021 1:00 PM – 3:00 PM (CPT)
RR449 Workshop
Net Conference

MINUTES

AGENDA ITEMS 1-3 – ADMINISTRATIVE ITEMS

ORWG Chair Allen Klassen (Evergy, Inc.) called the meeting to order at 1:00 p.m. on 5/20/2021.

Trey Rosel (SPP), filling in for Zachary Sharp (SPP), took attendance and established a meeting quorum.

Trey Rosel read the SPP Antitrust Statement.

Allen Klassen reviewed the agenda.

AGENDA ITEM 4 – RR449 UNCERTAINTY PRODUCT

Ryan Schoppe (SPP) led the group through an educational session on RR449 and the proposed Uncertainty Product. Ryan previously presented to the ORWG on this topic during the regularly scheduled May 6th meeting. The goal of the educational session is to address the ORWG's outstanding questions and concerns, which would allow Ryan to seek the ORWG's approval on the topic at the June 3rd meeting. The Uncertainty Product seeks to enable a market-based approach for the management of uncertainty through the procurement of resource flexibility (rampable capacity) in order to respond to net load variations and uncertainties within the defined time horizon (1 hour). SPP has experienced past events where low system flexibility led to a higher than necessary risk to reliability. SPP believes factoring the historically observed uncertainty into the market process with statistical methods, will lead to more efficient outcomes and transparent prices that reflect the system's need, while simultaneously reducing make whole payments. Ryan walked through market scenarios of pre-Uncertainty Response Team (URT) with low variability, pre-Uncertainty Response Team with high variability, Uncertainty Response Team, and the Uncertainty Product. The pre-URT scenarios result in the lowest cost commitment/dispatch, but leaves the SPP region vulnerable to uncertainty. URT addresses the reliability concerns caused by uncertainty, but the prices aren't transparent and URT cannot decommit resources. The Uncertainty Product would allow us to meet our reliability need while doing it at the lowest economic cost. Ryan walked the group through an example simulation of a day in the market with the Uncertainty Product, highlighting the benefits seen



during the simulation. For more details about RR449 and the Uncertainty Product, Ryan's presentation can be found in the meeting materials.

AGENDA ITEM 5 – ADJOURNMENT

Allen Klassen adjourned the meeting at 2:42 p.m. on 5/20/2021.

Respectfully Submitted,

Trey Rosel



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5/20/2021

SUMMARY OF ATTACHMENTS:

ORWG 5/20/2021 Agenda (pg. 4)

ORWG Member Attendance (pg. 5)



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AGENDA

1. Call to Order Allen Klassen
2. Attendance Trey Rosel
3. Antitrust Statement.....Allen Klassen/Trey Rosel
4. RR449 – Uncertainty Product (Discussion)..... Ryan Schoppe
5. Adjournment Allen Klassen

ORWG Member Attendance:

Name	Company	Role	5/20/2021
Allen Klassen	Evergy, Inc	Chair	✓
Ron Gunderson	Nebraska Public Power District	Vice Chair	✓
Keith Carman	Tri-State G&T	Member	
Mark Eastwood	City Utilities of Springfield MO	Member	
Abu Elteriefi	ITC Great Plains, LLC	Member	
Allan George	Sunflower Electric Power Corp	Member	✓
Laurie Gregg	Lincoln Electric System	Member	
Kyle McMenamain	Xcel Energy	Member	
Chance Myers	Western Farmers Electric Cooperative	Member	✓
Doug Peterchuck	Omaha Public Power District	Member	✓
Gary Plummer	Independence Power & Light	Member	✓
David Pham	Liberty Utilities	Member	✓
Chris Shaffer	American Electric Power	Member	✓
Jim Useldinger	GridLiance High Plains	Member	
Jeff Wells	Grand River Dam Authority	Member	✓
Bryn Wilson	Oklahoma Gas & Electric	Member	✓
Zachary Sharp	Southwest Power Pool	Secretary	
Trey Rosel	Southwest Power Pool	Back-up	✓