

NWPP Operating Committee
August 7, 1300-1700 Pacific Time

Meeting Minutes

Approval Items -*

INTRODUCTIONS (1300 – 1310)

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| 1. Introductions, Arrangements, and Agenda Changes | Adam Labuga, OC Chair |
| a. Quorum | ChaRee DiFabio |
| (50% of OC Membership and requires 2/3 majority of established quorum) | |
| b. Anti-Trust Compliance Statement | Kevin Conway, WPP |
| c. Review Safety Protocols | Kevin Conway, WPP |

The meeting was called to order at 1303.

A quorum was established by ChaRee DiFabio with 32 of the 40 Members present at the start of the meeting. Attendance is attached.

Kevin Conway reviewed the WPP Anti-Trust Compliance Statement and the meeting room safety protocols.

ADMINISTRATION (1310 -1400)

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|---|---------------|
| 2. Western Power Pool – Corporate Update | Ryan Roy, WPP |
| a. WPP Strategic Plan Update | Ryan Roy, WPP |
| b. NWPP OC Good Faith Estimate – YTD Overview 2023-2024 | Ryan Roy, WPP |
| c. NWPP OC Budget Discussion | Ryan Roy, WPP |

Sarah Edmonds discussed the first draft of the WPP Strategic Plan. The Board plans to approve the WPP Strategic Plan by September 2024, and will reviewed it every 5 years.

Ms. Edmonds shared the current WPP staffing changes which included a new Human Resource Manager and a Membership and Board Coordinator. The WPP is still searching for a new CFO. The Training department is in the process of interviewing for a Technical Trainer and a Videographer. Other positions that are scheduled for the upcoming months include:

- Software Developer
- WRAP Forward Showing Manager
- Management analyst
- Senior accountant
- IT supervisor
- WRAP Policy analyst

A Transmission Planning Intern job description is under development to assist the Transmission Planning Committee.

Additional positions anticipated included a Senior Staff position for Non-tariff Programs and a Headwater Benefits Facilitator.

Ryan Roy provided an update on the 2023-24 fiscal year budget. The OC and SRSB are currently projected to be over budget for the period due to accounting corrections and a change in GAIT allocations. The SRSB implementation came in approximately \$50k under budgeted costs. Allan Austin thanked the WPP staff in their effort to transition the new members.

Action Item:

Provide Mr. Roy's slides on the 2023-2024 budget to the OC members.

3. *Approve May 15, 2024 OC Meeting Minutes as posted Adam Labuga, OC Chair
Chris McDarment made a motion to approve the May 15, 2024 OC Meeting Minutes, and a second was made by Thomas Bagnell. The motion was approved by unanimous consent.

OC COMMITTEE ACTIVITIES

1. Operations Training Subcommittee (1400-1430) Keith Schreiner and Jessica Zamonis, WPP
Keith Schreiner presented an update on the OTS. The team is in the process of hiring a new Technical Trainer and a new Video Editor. The Source.training subscription program is going well; five more entities are interested in participating. The subscription services have accounted for a reduction of program fees of about ~75k. Mr. Schreiner is also interested in having some members host the WPP training staff so that they can connect with the entities' operators and training staff and help to become more familiar with the operators and current operation practices. The OTS training metrics were reviewed and continue to reflect the platform is heavily used and its use is increasing yearly.

Mr. Schreiner discussed developing new training content with Mike Terbrueggen. This effort is going very well. There were numerous questions from the OC addressed by Mr. Schreiner. The bank of current test questions was discussed. Mr. Terbrueggen has always maintained a good bank of test questions by repeatedly taking the NERC System Operator tests every 3 years or so. Going forward Mr. Schreiner is looking on how the OTS can continue to maintain a list of current test questions in a similar way.

2. Transmission Planning Committee (1430-1500) Chelsea Loomis and Ben Hutchins
Ben Hutchins highlighted the upcoming Engineering Forum sponsored by the TPC. Professor Edward Oughton, who is completing studies related to geomagnetic events, was introduced by Mr. Hutchins. Mr. Oughton's research group is working on studies to quantify some of the uncertainties of geomagnetic events. Members were asked to volunteer to participate in these studies regarding their performance during GMD events. The research is trying to couple the

physics models and engineering models to the US Geological Survey models using empirical validation measurements to estimate induced currents.

Action Item:

WPP is to distribute Mr. Oughton’s presentation and contact information, along with the summarized request to the WPP OC Participants. The request is to have interviews with participants about their operations and actions taken before and after the May 2024 GMD disturbance events. The interview would take about 45 minutes.

Mr. Hutchins introduced a tool called “Gigharm” which is tool used to study the harmonics on electrical systems from a geomagnetic disturbance. Harmonics are a major concern with Transformer heating and failures.

3. Energy Emergency Plan Discussion (1500-1520)

Adam Labuga, OC Chair

Adam Labuga explained to the OC that he had reviewed the EEP, along with WPP staff, and the document needs to either be significantly updated, or it should be retired. The plan, as written, is no longer seen as useful due to changes in operations, new requirements, new participants and the current roles of the RCs. Throughout the discussion it was noted that some entities may have the NWPP EEP referenced as part of their plan. Prematurely retiring this plan could inadvertently put entities at a possible compliance risk. Ty Kristensen made a motion to retire the NWPP Energy Emergency Plan, and then withdraw his motion to allow entities to review their current emergency plans first.

The EEP is to be included on the November 6, 2024 meeting for final discussion and for the committee to take action to revise or retire the document.

Action Item:

The OC members were requested to review the document as currently drafted and review their own documentation to determine if retirement of the EEP will impact their compliance for emergency plans. Members shall come prepared to the November 6, 2024 meeting to take action to revise or retire the EEP.

4. Operating Committee 2024 Goals Discussion (1520-1620)

Adam Labuga, OC Chair

Kevin Conway provided a short presentation and a recommendation to complete a major overhaul to the OC goals to better align with the purpose and scope of the NWPP Membership Agreement and the WPP strategic plan. Mr. Conway highlighted the difference between goals and objectives and how they should be related to the OC scope in the Membership Agreement. This will ensure the OC Goals are measurable and attainable.

Action Item:

The WPP will distribute a copy of Mr. Conway's presentation on goals and objectives and a draft of the newly proposed NWPP OC goals for Participant review. Members will be requested for feedback with a deadline ahead of the next OC meeting so that Mr. Conway can incorporate them into a revised draft and prepare them for discussion. The OC shall be prepared to discuss and approve the goals during the next meeting in November.

MISCELLANEOUS (1620-1700)

5. Update on NERC Projects Kevin Conway, WPP
6. Update on WECC Projects Kevin Conway, WPP

Kevin Conway gave a presentation summarizing the WPP efforts to stay engaged on behalf of its members in Standards development and other efforts at NERC and WECC. The presentation included discussions on:

- Progress on BAL-007 and BAL-008
- NERC Project 2023-07 Transmission System Planning Performance Requirements for Extreme Weather (TPL-008)
- WECC-0142 Retirement of BAL-002-WECC-2a
- NERC Project 2023-06 Modifications to CIP-014
- WECC Extreme Natural Events Mitigation Plan Advisory Group
- NERC Performance Analysis Subcommittee

Action Item:

Mr. Conway is to provide a copy of his presentation on NWPP OC Standards Development Update.

7. Current Operations All
No Current Operations issues were discussed.

8. Review of Action Items Kevin Conway, WPP
Kevin Conway reviewed the open action items from the previous meeting. The group closed out Item #14 "Review the Energy Emergency Plan at each May and November OC Meetings as a standing agenda item," and #15 "Report the impacts of the new budget to the new OC members."

The Action Items from this meeting were added:

- Provide Mr. Roy's slides on the 2023-2024 budget to the OC members.
- WPP is to distribute Mr. Oughton's presentation and contact information, along with the summarized request to the WPP OC Participants. The request is to have interviews with participants about their operations and actions taken before and after the May 2024 GMD disturbance events. The interview would take about 45 minutes.

- The OC members were requested to review the document as currently drafted and review their own documentation to determine if retirement of the EEP will impact their compliance for emergency plans. Members shall come prepared to the November 6, 2024 meeting to take action to revise or retire the EEP.
- The WPP will distribute a copy of Mr. Conway's presentation on goals and objectives and a draft of the newly proposed NWPP OC goals for Participant review. Members will be requested for feedback with a deadline ahead of the next OC meeting so that Mr. Conway can incorporate them into a revised draft and prepare them for discussion. The OC shall be prepared to discuss and approve the goals during the next meeting in November.
- Mr. Conway is to provide a copy of his presentation on NWPP OC Standards Development Update.

9. Future Meetings

Kevin Conway, WPP

- a. November 6, 2024
Hosted by Capital Power
Biltmore Center Suite 940 - 2398 E Camelback Road, Phoenix, AZ
- b. February 5, 2025
- c. May 7, 2025
- d. August 6, 2025

The November 6, 2024 Meeting was discussed and at this time the location is set, but there are no hotels identified. Staff will forward hotel information, if it get some from the host, but it is suggested that those attending should do their own search, since there are only a couple of hotels near the meeting place.

The Meeting was adjourned at 1705.

Minutes recorded by Kevin Conway, WPP Staff

Attendance

Kevin Stinson	Alberta Electric System Operator (AESO)
Robert Bray	Arizona Electric Power Cooperative (AEPSCO)
Marvin Bradt	Arizona Public Service Company
Aaron Burke	Arlington Valley, LLC
Ty Kristensen	Avangrid Renewables, LLC (AVRN)
Wei Shao	Balancing Authority of Northern California (BANC)
Marcus Brown	BHE Montana Wind Holding, LLC (NAT)
Dave Brown	Bonneville Power Administration (BPA)
Ehson Syed	British Columbia Hydro and Power Authority (BCHA)
Chris McDarment	Chelan County Public Utility District (CHPD)
Gerald Markey	El Paso Electric Company
Abraham Garcia	El Paso Electric Company
Tim Bodell	FortisBC (FBC)
Nathan Anderson	Grant County Public Utility District (GCPD)
Antonio Franco	Gridforce Energy Management, LLC (GEM)
Gary Slayton	Idaho Power Company (IPCO)
Josh Harris	Idaho Power Company (IPCO)
Kyle Bryant	Imperial Irrigation District
Ansley Kulseng-Hansen	NorthWestern Energy (NWMT)
Jonathan Cox	NorthWestern Energy (NWMT)
Sam Ashmore	NV Energy (NVE)
Rahn Sorensen	NV Energy (NVE)
Kathryn Downey	PacifiCorp (PAC)
Wesley Murar	PacifiCorp (PAC)
Brian McGuirk	Portland General Electric (PGE)
Cory McAlister	Portland General Electric (PGE)
Raj Hundal	Powerex Corporation (PWX)
Nick Seitz	Xcel Energy, dba Public Service of Colorado (PSCO)
Richard McLean	Xcel Energy, dba Public Service of Colorado (PSCO)
Manuel Sanchez	Public Service Company of New Mexico
Aidan Gallegos	Public Service Company of New Mexico
Camille Chavez	Public Service Company of New Mexico
Thomas Bagnell	Puget Sound Energy (PSEi)
Evan Sorrell	Puget Sound Energy (PSEi)
Mike Pfeister	Salt River Project Agricultural Improvement and Power District

Michael Jang	Seattle City Light (SCL)
Paul Haase	Seattle City Light (SCL)
Robert Riojas	Snohomish County Public Utility District (SNPD)
Cullen Ritchie	Tacoma Power (TPWR)
Matt Weiss	Tri-State Generation and Transmission
Calvin Dacus (Vice-Chair)	Tucson Electric Power Company
Adam Labuga (Chair)	Turlock Irrigation District (TID)
Jim Emmons	Turlock Irrigation District (TID)
Chris Bultsma (WAUW)	Western Area Power Administration Upper Great Plains
Allan Austin (WALC)	Western Area Power Administration Desert Southwest
Stacy Russ (WALC)	Western Area Power Administration Desert Southwest
Marc Desmarius, WACM	Western Area Power Administration Rocky Mountain
Sarah Edmonds	Western Power Pool
Ryan Roy	Western Power Pool
Kevin Conway	Western Power Pool
ChaRee DiFabio	Western Power Pool
Keith Schreiner	Western Power Pool
Harlan Tallman	Western Power Pool
Justin Cochran	Western Power Pool
Ryan Colyar	Western Power Pool
Jessica Zamonis	Western Power Pool