



Western Resource Adequacy Program

RAPC Meeting

Aug 14th, 2025; 10am-12pm PPT

Participant	Name	Participant	Name
APS	Mike Eugenis, Kent Walter, Tyler Moore	PacifiCorp	Ben Faulkinberry, Nadia Wer
Avista	Kevin Holland, Ken Santman	PGE	Teyent Gossa, Stefan Cristea
BPA	Nita Zimmerman, Steve Bellcoff, Michelle Cathcart	Powerex	Mike Goodenough
Calpine	Bill Goddard, Greg Bass	PSE	Phil Haines, Sachi Begur, Tricia Fischer
Chelan	Brandon Carnahan	PNM	John Mayhew, Tom Duane
Clatskanie	Chris Roden	SRP	Grant Smedley, Michael Reynolds, Agnes
EWEB	Jon Hart, Megan Capper	SCL	Mara Kontos, Siobhan Doherty
Grant	Rich Flanigan, Lisa Stites	Shell	Greg Macdonald
Idaho	Ben Brandt, Camille Christen	Snohomish PUD	Joe Fina
NorthWestern	Joe Stimatz, Tom Michelotti (Quinn McCarthy Alternate)	Tacoma	Ray Johnson, Connor Lennon, Leah Marquez-Glynn
NV Energy	Lindsey Schlekeway, Rodger Manzano	TEA	Ed Mount, Colin Cameron

Meeting Objectives

1. Provide the RAPC with updates on project progress
2. Seek RAPC input on progress and any administrative actions

Meeting Agenda

Call to Order			
10:00	<ul style="list-style-type: none"> - Attendance - Anti-trust Statement - Approved Agenda - Grant motioned, Powerex seconded. No opposition. Agenda approved. - Approved Minutes from last meeting No meeting minutes to approve.	APPROVE	Chair
PA/PO Report			
10:07	<ul style="list-style-type: none"> - PA/PO Update - Budget Update <ul style="list-style-type: none"> o <u>Costs</u>: Higher-than-expected base costs for PA; lower load costs due to delayed 2025 staffing. o <u>Legal Fees</u>: June bill includes 3 months of fees (fiscal year close-out); minimal legal fees expected in next two months. o <u>Finance Team</u>: Expanded team should improve processes going forward. 	Inform	WPP/S PP



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	<ul style="list-style-type: none"> ○ <u>Independent Evaluator</u>: Not yet hired; scoping planned for later this year. ○ <u>Billing Questions</u>: Contact us for clarification. <p><u>WRAP Staffing Update</u>:</p> <ul style="list-style-type: none"> ○ New Hire: Forward Showing Manager – Danie Williams ○ Responsible for the day-to-day execution and implementation for forward showing for the WRAP. 		
Ongoing Business			
10:15	<ul style="list-style-type: none"> – Workgroup Updates: – <u>Forward Showing Workgroup – Beau B.</u> <ul style="list-style-type: none"> ○ <u>Cure Period (Winter 25-26)</u>: Ended July 29. Post-cure deficiency list to be sent in early September. ○ <u>Next Submittal</u>: Summer 2026 deadline – October 31, 2025. ○ <u>EDST</u>: Opening earlier this cycle on 9/15 (normally 6 weeks before FS deadline). ○ <u>New feature</u>: ability to roll over information from prior submissions to streamline the process. – <u>Operations Workgroup – Beau B.</u> <ul style="list-style-type: none"> ○ <u>Deficit Hours</u> for this this season will be reporting those this week. Will receive July report by tomorrow, 8/15. There will be a section on a report on the deficit hours (the occurrence, the frequency, min, max, averages). ○ Seen high level of participation throughout the summer. – <u>Storage Hydro User Group – Steve B.</u> <ul style="list-style-type: none"> ○ No update. Next meeting August 27th – <u>Settlements – Maya M.</u> <ul style="list-style-type: none"> ○ No update. 	Discuss	WPP/S PP/ Chair
10:20	<ul style="list-style-type: none"> – PRC Task Force Updates <u>DAM Task Force</u>: <ul style="list-style-type: none"> ○ <u>Meetings & Focus</u>: Meeting weekly (2 hrs). Strong alignment on realigning subregions to match market footprints. Recognizing the need for policies that allow non-market participants to still access WRAP benefits. ○ <u>Settlements & Pricing</u>: General agreement to maintain a tariff-based capacity price to discourage reliance on the ops program as a free option. Still many unknowns about how market pricing will actually operate. ○ <u>Forward Showing Integration</u>: Interest in aligning Forward Showing with subregions and exploring PRM approaches (e.g., copper sheet diversity sharing across footprints). However, many questions remain unanswered until markets mature. ○ <u>Market Operator Involvement</u>: Anticipated need to engage market operators on seams and settlement issues. Not ready to bring them in yet—need a clear set of questions/scenarios first. <p><u>Next Steps</u>: Co-chairs working on documentation to clarify issues and questions. Plan to have a draft paper prepared in advance of the September 10th meeting.</p>	Inform	WPP

	<p><u>PRM Task Force:</u></p> <ul style="list-style-type: none"> o <u>Co-Chairs:</u> Leah (Tacoma) & Ed (TEA). o <u>Held full-day in-person</u> meeting in Portland last week focused on methodology and timing. o <u>Consensus reached:</u> Move PRM determination from 2 years out to 5 years out; risk deemed reasonable given benefits. o <u>Ongoing discussions:</u> LOLE modeling — options reviewed, some ruled out; no final consensus yet. o <u>Guiding principles:</u> Analytical and practical, risk-informed, transparent, defensible (with strong input from SPP analysis). o <u>Key consideration:</u> Weather variability limits monthly PRM stability, especially in winter; exploring ways to mitigate variability. <p><u>CAISO Firm Transmission Task Force:</u></p> <ul style="list-style-type: none"> o Met twice; draft definition completed. o Currently making redline updates to BPM and Tariffs in progress. o Working with Chair (Jerret Fischer, SRP) to finalize the proposal. o Expect a few more meetings; target completion within the next month. o Next TF: Demand Response (to run through remainder of 2025). 		
10:25	<p>– Discuss 2025-NTFP-02 (BPM 108 Planned Outages Edits) (See PowerPoint) Received 1 supportive comment from BPA with wording edits. See edits below as well as the NTFP timeline.</p> <p><u>Discussion on Edits:</u></p> <p><u>Question:</u> If a planned outage occurs after Forward Showing, how does the program handle it? Are there penalties?</p> <p><u>Response:</u></p> <ul style="list-style-type: none"> o FS Requirement: Must report outages if they occur at the time of FS or within the first 5 days of the season. o Outside of those cases, reporting is optional. If reported, capacity is subtracted from QCC. o If an outage occurs post-FS but before Ops, it's at the participant's own risk—must cover shortfall with surplus or procure energy. <p><u>Question:</u> In Ops, can we differentiate underperformance tied to these later planned outages?</p> <p><u>Response:</u></p> <ul style="list-style-type: none"> o Ops tracks under/over-performance only for wind, solar, and run-of-river. o If a planned outage occurs, participants submit a reduced QCC to net out impacts and avoid penalties. o No forced outage data is tracked in Ops. Outage card info may carry over, but reductions are handled through QCC adjustments. <p><u>Question:</u></p>	Inform	WPP



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	<p>Do we need a formal obligation/attestation to ensure sharing calculations are correct, or is it just convention?</p> <p><u>Response:</u> WPP will review BPM 202 and report back to Jon.</p> <p><u>Proposed BPM 108 Edits:</u></p> <p>3.13.1.5.2. Planned Outages not underway at the time of the FS Submittal [pg. 14-15]</p> <p>Participants have the discretion to take planned outages at any time during the Binding Season, but are required to take planned outages out of their surplus FS Demonstration capacity or to procure additional supply to replace such capacity on outage Appendix E – Planned Outages Attestation. This requirement ensures the participant’s FS Capacity Requirement is available during the Operation Program timeframe.</p> <p>Participants may provide information on Qualifying Resources that are planned to be out of service during the Binding Season as part of their FS Submittal to ensure QCC from those resources is not utilized to meet a monthly FS Capacity Requirement during the planned outage. Capacity associated with such resources shall be deducted from the FS Demonstration for such month(s).</p> <p>but if such data cannot be supplied with reasonable certainty (i.e. if such planned outages may be subject to change), a Each Participant may shall provide a Senior Official Attestation (found in Appendix E – Planned Outages Attestation) by the FS Deadline that:</p> <ul style="list-style-type: none"> o the sum of expected planned outages at any one time during the Binding Season will be equal to or less than the surplus stated in its FS Demonstration at that the time of such planned outage, or o the Participant are is expected to procure the necessary capacity or energy to meet the Operations Program requirements regardless of planned outage schedules. <p>A planned outage shall not justify a waiver of, or exception to, a Participant’s Holdback Requirement or Energy Deployment obligations.</p> <p>Planned Outages Attestation</p> <p>I, the undersigned, who, as [title], serves as a senior official of [Participant], hereby attest that: (i) as set forth in [Participant]’s FS Submittal provided this day by [Participant] to Western Power Pool, Participant has included information on all Qualifying Resources that are currently out of service with a scheduled return date that falls during the [specify season] Binding</p>		
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	<p>Season; (ii) Participant [has] [does not have] certain additional outages at Qualifying Resources that are planned to occur during the [specify season] Binding Season but have not yet begun at the time of submission of the FS Submittal; (iii) Participant has made reasonable efforts to obtain and provide information on any such additional outages, but such data cannot be supplied with reasonable specificity; (iv) the aggregate of any such additional outages is either expected to be equal to or less than [Participant]'s remaining surplus as defined by [Participant]'s Portfolio QCC in excess of [Participant]'s FS Capacity requirement or to the extent it is not excess it shall will be replaced with the necessary capacity or energy to meet the Operations Program requirements, consistent with Section 16.2.8.2 and Part III of the Tariff with other resources meeting the applicable Qualifying Resource and Net Contract QCC criteria and all relevant WRAP timing and load-serving attributes of the resources on outage, or, to the extent not replaced, the aggregate quantity of such additional outages, is equal to or less than [Participant]'s remaining surplus as defined by [Participant]'s Portfolio QCC in excess of [Participant]'s FS Capacity Requirement; and (v) that the foregoing statements are true, correct and complete to the best of my knowledge and belief following due inquiry appropriate to the reliability and resource adequacy matters addressed herein.</p> <table border="1" data-bbox="462 1092 954 1795"> <thead> <tr> <th colspan="2">Draft NTFP Timeline</th> </tr> <tr> <th>Task</th> <th>Deadline</th> </tr> </thead> <tbody> <tr> <td>PRC NTFP</td> <td>16-Jul</td> </tr> <tr> <td>Comment start</td> <td>16-Jul</td> </tr> <tr> <td>Comment end</td> <td>30-Jul</td> </tr> <tr> <td>Updates</td> <td>31-Jul</td> </tr> <tr> <td>COSR Comment start</td> <td>8-Aug</td> </tr> <tr> <td>RAPC discuss</td> <td>14-Aug</td> </tr> <tr> <td>COSR comment end</td> <td>19-Aug</td> </tr> <tr> <td>PRC approval</td> <td>20-Aug</td> </tr> <tr> <td>RAPC approval</td> <td>28-Aug</td> </tr> <tr> <td>COSR Opposition</td> <td>29-Aug</td> </tr> <tr> <td>Final to BOD (if not before)</td> <td>15-Sep</td> </tr> <tr> <td>BOD meeting</td> <td>25-Sep</td> </tr> </tbody> </table>	Draft NTFP Timeline		Task	Deadline	PRC NTFP	16-Jul	Comment start	16-Jul	Comment end	30-Jul	Updates	31-Jul	COSR Comment start	8-Aug	RAPC discuss	14-Aug	COSR comment end	19-Aug	PRC approval	20-Aug	RAPC approval	28-Aug	COSR Opposition	29-Aug	Final to BOD (if not before)	15-Sep	BOD meeting	25-Sep		
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New Business																															
10:30	– None	Discuss	WPP																												
External Affairs																															



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	[None]		
Good of the Order			
10:35	– Participant topics requests for next meeting	Discuss	Chair
Closed RAPC			
10:40	– Closed RAPC	Inform/Discussions	WPP
Upcoming			
12:00	– Next meeting: Aug 28 th	Inform	WPP
Meeting Adjourned			

Current Participants: APS, Avista; BPA; Calpine; Chelan; Clatskanie; EWEB; Grant; Idaho Power; NorthWestern; NV Energy; PacifiCorp; PGE; Powerex; PNM; PSE; SRP; SCL; Shell; Snohomish PUD; Tacoma Power, The Energy Authority

WPP forums will not foster or allow communications or practices that violate antitrust laws. Please avoid discussion of topics that would result in anti-competitive behavior, including but not limited to: availability of or terms of services and sales, design of products, price setting, or any other activity that might unreasonably restrain competition.

WESTERN RESOURCE ADEQUACY PROGRAM

August 14th, 2025

**PRC Consideration of
2025-NTFP-02**

**Changes to *BPM 108 Forward Showing Submittal*,
Planned Outages**

- PRC Approve as NTFP ready for comment

Draft NTFP Timeline

Task	Deadline
PRC NTFP	16-Jul
Comment start	16-Jul
Comment end	30-Jul
Updates	31-Jul
COSR Comment start	8-Aug
RAPC discuss	14-Aug
COSR comment end	19-Aug
PRC approval	20-Aug
RAPC approval	28-Aug
COSR Opposition	29-Aug
Final to BOD (if not before)	15-Sep
BOD meeting	25-Sep

Received 1 supportive comment with wording edits from BPA.



Target: WPP BOD Q3

Legend

RAPC

PRC

BOD

WRAP

BPM 108 – FS SUBMITTAL (CURRENT)

3.1.5.2. Planned Outages not underway at the time of the FS Submittal

Participants have the discretion to take planned outages at any time during the Binding Season, but are required to take planned outages out of their surplus FS Demonstration capacity or to procure additional supply to replace such capacity on outage Appendix E – Planned Outages Attestation

Participants may provide information on Qualifying Resources that are planned to be out of service during the Binding Season as part of their FS Submittal, but if such data cannot be supplied with reasonable certainty (i.e. if such planned outages may be subject to change), a Participant may provide a Senior Official Attestation (found in Appendix E – Planned Outages Attestation) by the FS Deadline that the sum of expected planned outages at any one time during the Binding Season will be equal to or less than the surplus stated in its FS Demonstration at that time.

Participants are expected to procure the necessary capacity or energy to meet the Operations Program requirements regardless of planned outage schedules. A planned outage shall not justify a waiver of, or exception to, a Participant's Holdback Requirement or Energy Deployment obligations.

BPM 108 – FS SUBMITTAL (**PROPOSED**)

3.1.5.2. Planned Outages not underway at the time of the FS Submittal [pg. 14-15]

Participants have the discretion to take planned outages at any time during the Binding Season, but are required to take planned outages out of their surplus FS Demonstration capacity or to procure additional supply to replace such capacity on outage ~~Appendix E – Planned Outages Attestation~~. This requirement ensures the participant's FS Capacity Requirement is available during the Operation Program timeframe.

Participants may provide information on Qualifying Resources that are planned to be out of service during the Binding Season as part of their FS Submittal to ensure QCC from those resources is not utilized to meet a monthly FS Capacity Requirement during the planned outage. Capacity associated with such resources shall be deducted from the FS Demonstration for such month(s).

~~but if such data cannot be supplied with reasonable certainty (i.e. if such planned outages may be subject to change), a~~ Each Participant ~~may~~ shall provide a Senior Official Attestation (found in Appendix E – Planned Outages Attestation) by the FS Deadline that:

- the sum of expected planned outages at any one time during the Binding Season will be equal to or less than the surplus stated in its FS Demonstration at ~~that~~ the time of such planned outage, or
- the Participant ~~are~~ is expected to procure the necessary capacity or energy to meet the Operations Program requirements regardless of planned outage schedules.

A planned outage shall not justify a waiver of, or exception to, a Participant's Holdback Requirement or Energy Deployment obligations.

Formatting
change for clarity

BPM 108 – APPENDIX E (CURRENT)

Planned Outages Attestation

I, the undersigned, who, as [title], serves as a senior official of [Participant], hereby attest that: (i) as set forth in [Participant]’s FS Submittal provided this day by [Participant] to Western Power Pool, Participant has included information on all Qualifying Resources that are currently out of service with a scheduled return date that falls during the [specify season] Binding Season; (ii) Participant [has] [does not have] certain additional outages at Qualifying Resources that are planned to occur during the [specify season] Binding Season but have not yet begun at the time of submission of the FS Submittal; (iii) Participant has made reasonable efforts to obtain and provide information on any such additional outages, but such data cannot be supplied with reasonable specificity; (iv) the aggregate of any such additional outages shall be replaced with other resources meeting the applicable Qualifying Resource and Net Contract QCC criteria and all relevant WRAP timing and load-serving attributes of the resources on outage, or, to the extent not replaced, the aggregate quantity of such additional outages, is equal to or less than [Participant]’s remaining surplus as defined by [Participant]’s Portfolio QCC in excess of [Participant]’s FS Capacity Requirement; and (v) that the foregoing statements are true, correct and complete to the best of my knowledge and belief following due inquiry appropriate to the reliability and resource adequacy matters addressed herein.

BPM 108 – APPENDIX E (PROPOSED)

Planned Outages Attestation

I, the undersigned, who, as [title], serves as a senior official of [Participant], hereby attest that: (i) as set forth in [Participant]’s FS Submittal provided this day by [Participant] to Western Power Pool, Participant has included information on all Qualifying Resources that are currently out of service with a scheduled return date that falls during the [specify season] Binding Season; (ii) Participant [has] [does not have] certain additional outages at Qualifying Resources that are planned to occur during the [specify season] Binding Season but have not yet begun at the time of submission of the FS Submittal; (iii) Participant has made reasonable efforts to obtain and provide information on any such additional outages, but such data cannot be supplied with reasonable specificity; (iv) the aggregate of any such additional outages **is either expected to be equal to or less than [Participant]’s remaining surplus as defined by [Participant]’s Portfolio QCC in excess of [Participant]’s FS Capacity requirement or to the extent it is not excess it shall** ~~shall~~ **will be replaced with the necessary capacity or energy to meet the Operations Program requirements, consistent with Section 16.2.8.2 and Part III of the Tariff** ~~with other resources meeting the applicable Qualifying Resource and Net Contract QCC criteria and all relevant WRAP timing and load-serving attributes of the resources on outage, or, to the extent not replaced, the aggregate quantity of such additional outages, is equal to or less than [Participant]’s remaining surplus as defined by [Participant]’s Portfolio QCC in excess of [Participant]’s FS Capacity Requirement;~~ and (v) that the foregoing statements are true, correct and complete to the best of my knowledge and belief following due inquiry appropriate to the reliability and resource adequacy matters addressed herein.

WRAP TARIFF §16.2.82

A planned outage shall not justify a waiver of or exception to a Participant's holdback or energy delivery obligations under Part III of this Tariff. Participants will be expected to procure the necessary capacity or energy to meet the Operations Program requirements, regardless of planned outage schedules or FS Submittal acceptance.

NEXT STEPS: PRC APPROVAL AUGUST 20TH

THEN COMING BACK TO RAPC
FOR APPROVAL ON AUGUST 28TH