

# COSR

May 22, 2026

**WRAP Program Review Committee (PRC)  
Demand Response (DR) Qualifying Capacity Contribution (QCC) Task Force  
Proposal**

# CONTENTS

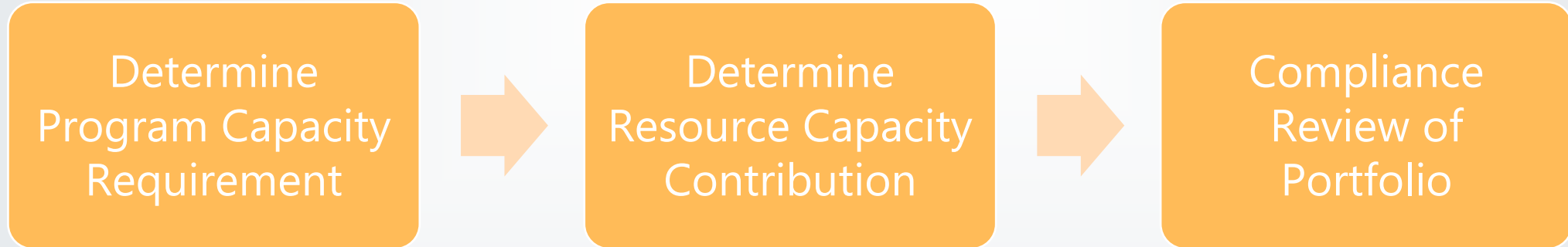
- WRAP Tariff **definitions** of Demand Response
- WRAP Program Overview (**Forward Showing -> Operations**)
- Demand Response in **QCC, Testing, Sharing Calculation**
- Demand Response Task Force's **QCC Proposal**
- Demand Response Task Force's **Testing Proposal**
- Implementation **Schedule**

# WRAP TARIFF - DEFINITIONS

- **Demand Response:** A quantifiable load reduction or otherwise controllable load for which a Participant has two mutually-exclusive options to use to affect its FS Capacity Requirements in a FS for a Binding Season: (1) leave the effects of historically deployed **demand response** as part of its load provided for the Advance Assessment; or (2) utilize as a **Demand Response Capacity Resource**.
- **Demand Response Capacity Resource:** A Qualifying Resource with a demonstrated capability to provide a reduction in demand or otherwise control load in accordance with the requirements established under Part II of this Tariff utilized to meet a Participant's FS Capacity Requirement.

# PROGRAM DESIGN OVERVIEW

## FORWARD SHOWING



## OPERATIONS PROGRAM



# DEMAND RESPONSE QCC (BPM 105 §4)

- **Testing** limits the amount of QCC claimed (next slide)
- To determine QCC currently need to demonstrate a sustained **load reduction for five continuous hours**
- This does not capture a DR program's **variability or** limits
- This currently leads to a **single seasonal QCC** value used for every month of the appropriate Binding Season

# DEMAND RESPONSE TESTING (BPM 105 §3)

- **Capability Tests** for Thermal Resources, Long Duration Storage, and **Demand Response** every five years at high output
- Annual **Operational Tests** for all resources at reduced output
- Demand Response **Capability Tests** needs to show a sustained (controllable and dispatchable) load reduction for up to five hours to confirm the claimed QCC
- Demand Response **Operational Test** is at 50% QCC for one hour
- Does not have to be a WRAP-specific test

# WRAP SHARING CALCULATION

*Sharing Calculation* = *FS Capacity Requirement* – *Operations Program Capacity Need*  
+ *Performance Adjustments*

where

*FS Capacity Requirement* = (P50 Peak Load Forecast) \* (1 + FSPRM) + Contingency Reserve Adjustment

and

*Operations Program Capacity Need* = *Load Forecast* – *Demand Response Capacity Resources*  
+ *CRO* + *UF*

and

*Performance Adjustments* =  $\Delta$ *Forced Outages* +  $\Delta$ *RoR Performance* +  $\Delta$ *VER Performance*

# PROPOSAL: DR DURING CCH

- **Draft Proposal** : Demand Response Performance During CCH
- **Method:** Adapt existing methodology used for
  - Thermal Resources not required to report GADS data (BPM 105 §4.2.3)
  - Non-Dispatchable, Must Take Resources such as PURPA (BPM 105 §4.8.2)
  - Contract QCC in the FS Submittal (BPM 106 §2)

# DR CAPABILITY TESTING (PROPOSED)

A demonstration every five years of a Demand Response Capacity Resource's **maximum claimed monthly peak load reduction** (in MW, for Summer or Winter) at either:

- the **maximum hourly daily limit**;
- or, for **one hour** for resources with **weekly or monthly hourly dispatch limits**.

For example:

- If a DR Capacity Resource calculated its monthly QCCs with a claimed **peak load reduction** of 10 MW with a **daily dispatch limit** of eight hours, it would need to undertake a Capability Test with a sustained load reduction of **10 MW for eight hours in one day**. This requirement reflects the high QCC values calculated when a Demand Response Capacity Resource is available for multiple hours.
  - If that same resource used **hourly fatigue** in its monthly QCC calculation, it would need to demonstrate a **10 MW load reduction for the initial hour** of demand response.
- If a DR Capacity Resource calculated its monthly QCCs with a claimed **peak load reduction** of 20 MW with a **weekly (or monthly) hourly dispatch limit** of five hours, it would only need to demonstrate a load reduction of **20 MW for one hour**.

[Annual Operational Testing would remain at 50% of peak load reduction for one hour]

# NEXT STEPS:

- DR QCC Task Force Meeting May 22 to consider response to public comments (BPA, APS)
- COSR comment period
- Following PRC and RAPC endorsement, targeting Q3 Board
- Available for October 31, 2026, FS Deadline for S27 (NB)