



WIRAB Monthly Update

Maury Galbraith & Eric Baran
WIRAB Staff

June 7, 2018

Outline

- Reliability Coordinator Activities
- WECC Activities
- WIRAB Activities



Reliability Coordinator Activities

- CAISO RC Proposal
- Peak 2019 Budget
- Upcoming RC Activities



CAISO RC Proposal – Draft WIRAB Comments

WIRAB Considering Comments on:

- Rate Design, Terms and Conditions
- Governance
- BA/TOP Competency Requirements



Peak 2019 Budget: Scenarios

Scenario 1: Transition to TRC

—2019:

- \$46.6 Million (flat)
- 174 FTEs (flat)

—2020 (Transitional RC)

- \$30.0 Million
- 117 FTEs

—Assumptions:

- Reduction in workforce, Board, management, office space, outside services

Scenario 2: Wind Down

—2019:

- \$54.6 Million
- 174 FTEs

—2020:

- \$6.3 Million
- 3.8 FTEs

—Assumptions:

- Cease operations on Dec. 31, 2019, increases for retention/severance



Peak 2019 Budget: Comment Process

- Seeking comments (all) and Letters of Interest (BA/TOPs)

Jun 8 – Jul 30 TRC vs. Wind Down comment window	Jul 9 Publish TRC vs. Wind Down LOI	Jul 18 TRC vs. Wind Down status webinar	Jul 26 – 30 TRC vs. Wind Down LOI submission window	Aug 3 TRC vs. Wind Down LOI results posted	Aug 6 Peak announces strategic direction
--	---	---	--	--	---

Final Decision

September 18 – Board of Directors votes on proposed Funding Amount and ratifies Strategic Direction



Upcoming Reliability Coordinator Activities

- CAISO Second Draft Proposal
 - Posted: June 20, 2018; Meeting: June 27, 2018
- RC Certifications
 - WECC Requested RC commitments by Sept. 3, 2018
- WECC Hosted RC Forum
 - Webinar: June 12, 2018 at 10:00 AM – 11:30 AM MT
 - In-Person: July 19, 2018 at 1:00 PM – 5:00 PM MT in SLC, UT



WECC Activities

- 2019 Business Plan & Budget
- Near-Term Priorities (2019-2022)
- Ballot Items
- Information Sharing Policy
- Upcoming WECC Activities



WECC 2019 Business Plan and Budget

- Statutory Budget: \$26.95 million (0.54% less than 2018)
- Statutory Assessment: \$25.28 million (equal to 2018)
- WIRAB Comments:
 - “Sufficient funding for the organization to fulfill its delegated function and mission”
 - “Supports efforts to address the strategic priorities but, in the future, it should also reflect the organization’s near-term priorities”
 - “Ensure that sufficient resources are available to keep apprised of the evolving Reliability Coordinator (RC) landscape”
 - “Should reflect WECC’s authority, or lack of authority to conduct Reliability Assessments on its own initiative”
 - “Should support the Reliability Assessment Committee’s (RAC’s) efforts to anticipate changes to the generation resource mix”
- **The WECC budget and assessment are both reasonable and in the public interest.**



WECC Near-Term Priorities (2019-2022)

- WIRAB Comments Support Near-Term Priorities:
 - ***Improve the representation of inverter-based resources in WECC's Base Cases***
 - ***Evaluate the impacts of the changing resources mix on;***
 - *Existing path ratings; Remedial Action Schemes (RAS); Protection system settings; Resource adequacy; interface between the transmission and distribute systems; and Essential Reliability Services.*
 - ***Evaluate reliability risks due to the expansion of Reliability Coordinators (RC) and/or market providers***
 - ***Clarify roles in BPS planning between WECC, the Regional Planning Groups and other stakeholders***
- WIRAB Comments also recommend:
 - The WECC Board review WECC Action Items to ensure follow-through



WECC Ballot Items

- Director Elections (Reappointments)
 - Richard Campbell
 - Gary Leidich
 - Shelley Longmuir
- Proposed Bucket 4 Bylaw Amendments
- Proposed Name Change
 - Advisory vote



WECC Information Sharing Policy: WIRAB Staff Comments

- **Value of Open and Transparent PCM Data**
 - Reverses WECC's historic practice of maintaining a publicly available PCM database
 - Undermines WECCs role as a reliable custodian of data for the Western Interconnection
- **Mitigation and Balance**
 - Legitimate reasons to restrict access to Critical Energy Infrastructure Information (CEII)
 - However, reasonable steps can be taken to safeguard those concerns without imposing blanket confidentiality restrictions
- **WIRAB Staff's Recommendation:** Identify reasonable solutions to protect legitimate CEII concerns while maximizing the potential to maintain much of the PCM data in open and transparent manner



Upcoming WECC Activities

- CEO Search
- WECC Hosted RC Forum (June 12)
- WECC MAC Meeting (June 19)



WIRAB Activities

- WIRAB's 2019 Business Plan & Budget
- WIEB Webinar: WIDAP Data Dashboard
- Upcoming WIRAB Activities



WIRAB's 2019 Business Plan & Budget

Schedule:

- May 25 Approval from WIRAB
- June 1 Final draft submitted to NERC
- August Final draft filed with FERC
- Fall Determination from FERC



WIEB Webinar: WIDAP Data Dashboard

Western Interconnection Data Analytics Project (WIDAP):

- **Collaboration** between the Western Interstate Energy Board and the Stanford University Bits & Watts Program
- **Purpose:** Analyze historical data to identify connections between public policy and the changing resource mix and operation of the electrical grid in the West.
- **Dashboard:** Provides on-line access to historical information regarding the electrical output and emissions of thermal generators

Webinar Details:

- **Date:** June 8, 2018
- **Time:** 10:00 AM Pacific Time / 11:00 AM Mountain Time
- <https://westernenergyboard.org/category/webinars/>



Upcoming WIRAB Activities

- NERC Reliability Guideline: Inverter-Based Resource Performance



Upcoming WIRAB Meetings

- **Fall 2018 Joint CREPC-WIRAB Meeting:**
 - October 24-26, 2018 in Mesa, AZ
- **WIRAB Monthly Teleconference Meeting:**
 - First Thursday of every month at 11:00 AM MT
 - Next Meeting: July 5, 2018 at 11:00 AM MT





Thank You

Maury Galbraith

mgalbraith@westernenergyboard.org

720-897-4601