Balancing Authority of Northern California

Regular Meeting of the Commissioners of BANC

2:00 P.M. Wednesday, April 22, 2020 Telephonic Meeting Only

Balancing Authority of Northern California NOTICE OF REGULAR MEETING AND AGENDA

Notice is hereby given that a regular meeting of the Commissioners of the Balancing Authority of Northern California (BANC) will be held on **April 22, 2020** at **2:00 p.m. The meeting will be telephonic only.**

The following call-in information is being provided as the forum by which members of the public may observe the meeting and offer public comment:

Phone number: 1-408-418-9388 Meeting number (access code): 621 069 001

AGENDA

1 Call to Order.

- 2 Matters subsequent to posting the Agenda.
- **3 Public Comment** any member of the public may address the Commissioners concerning any matter on the agenda.

4 Consent Agenda.

- A. Minutes of the Regular Commission Meeting held on March 25, 2020.
- B. BANC Operator Report (March).
- C. Compliance Officer Report (April).
- D. PC Committee Chair Report (April).
- E. General Manager's Report and Strategic Initiatives Update.
- 5 Regular Agenda Items Discussion and Possible Action.
 - A. EIM Update.
 - B. EDAM Update.
 - C. SB100 Effort Update.
 - D. 2020 BANC Budget Discussion.
 - E. 2020 Strategic Planning Session.
- 6 Closed Session: Conference with legal counsel in anticipation of litigation pursuant to subdivision (c) of Cal. Gov't Code § 54956.9; one case.
- 7 Adjournment.

Balancing Authority of Northern California

Consent Agenda Items

- A. Minutes of the March 25, 2020 BANC Regular Meeting.
- B. BANC Operator Report (March).
- C. Compliance Officer Report (April).
- D. PC Committee Chair Report (April).
- E. General Manager's Report and Strategic Initiatives Update.

MINUTES OF THE REGULAR MEETING OF THE COMMISSIONERS OF THE BALANCING AUTHORITY OF NORTHERN CALIFORNIA (BANC)

March 25, 2020

On this date, a Regular Meeting of the Commissioners of the Balancing Authority of Northern California (BANC) was held telephonically.

Representatives Present:

Member Agency	Commissioner
Modesto Irrigation District	James McFall
City of Redding	Dan Beans, Chair
City of Roseville	Michelle Bertolino
Sacramento Municipal Utility District	Arlen Orchard
City of Shasta Lake	James Takehara
Trinity Public Utilities District	Paul Hauser

Agency	Liaison	
Western Area Power Administration	Sonja Anderson	

1. <u>Call to Order:</u> Mr. Braun took roll call to establish that a quorum was present, and Chair Beans called the meeting to order at 2:03 p.m.

Mr. Braun reviewed the format for the meeting and how it would be conducted given the telephonic format, COVID-19 considerations, and the Governor's relevant Executive Orders.

- 2. <u>Matters Subsequent to Posting the Agenda</u>: Mr. Shetler also noted that a COVID-19 update was included in the General Manager's report and he would like to brief the Commission on the actions being taken by BANC under the Consent Agenda item.
- 3. <u>Public Comment</u>: Chair Beans invited comments from the public and none were given.
- 4. <u>Consent Agenda</u>: With respect to COVID-19 developments, Mr. Shetler informed the Commission that BANC has ceased all face-to-face meetings until further notice. Mr. Mark Willis also briefed the Commission on actions currently being taken by the BANC Operator. All who are able to work from home are doing so, and modifications to schedules and the way Power System Operators are working have already been implemented. Preparation for a shelter-in-place plan are in process.

Mr. Hauser moved, Ms. Bertolino seconded, and the participating Commissioners unanimously approved the Consent Agenda items comprised of: (A) Minutes of the Regular Commission Meeting held on February 19, 2020; (B) BANC Operator Report for February; (C) Compliance Officer Report for March; (D) PC Committee Chair Report for March; and (E) General Manager's Report and Strategic Initiatives Update.

5. Regular Agenda Items – Discussion and Possible Action:

MINUTES OF THE REGULAR MEETING OF THE COMMISSIONERS OF THE BALANCING AUTHORITY OF NORTHERN CALIFORNIA (BANC)

A. Mr. Shetler updated the Commission on EIM Phase 2 and EDAM. EIM is nearing the 1_{st} anniversary of operations for Phase I (SMUD.) Per the CAISO study methodology, gross benefits for BANC/SMUD have been reported as \$15.86 million for the first three quarters of BANC EIM operations. Mr. Shetler is in the process of reviewing EIM Phase I expenditures and will have an update for the Commission at the April meeting.

Regarding EIM Phase 2, work groups continue to make progress with respect to the following topics: Deviation Band, WAPA Transmission, BANC Settlements, and RS/Flex Tests. Upcoming issues to be addressed include Metering, WAPA Rate and OATT Proceedings (including the development of BANC Business Practices), and a budget reforecast.

With respect to EDAM updates CAISO held workshops in mid-February with a focus on Transmission, Resource Sufficiency, and Congestion Rents. Stakeholder comments were due in early March, and areas for further discussion include RS requirements, the Transmission hurdle rate, and Congestion Rent allocations. The CAISO is now working on an issue paper.

Mr. Braun briefly reviewed the latest with regard to Governance Review Committee (GRC) efforts. The committee issued a scoping paper in late January with comments received in late February. On March 11, a telephonic GRC meeting with stakeholder presentations was held. The GRC is now in the process of coming up with an initial work product (issue paper).

Mr. Shetler gave an overview of proposed amendments to the EDAM Evaluation and EIM Phase 2 Implementation budget items. For EDAM, an increase in legal support is being proposed as a result of the increased engagement required from BBSW to support this effort. Ms. Bertolino indicated that they support the proposed amendment but wanted to state that Roseville, going forward, will be looking closely at costs with respect to everything they do given COVID-19 developments and expected downturns in revenues. For EIM Phase 2, proposed adjustments in the timing of certain elements (settlements support) and a shift in certain other expenses (reduced Utilicast budget, increased SMUD PM support and certain software upgrades) in addition to a reduction in the contingency from 10 to 5%, result in an overall budget reduction of ~\$170k for this item. Due to the allocation methodology for this budget item and the areas impacted, some members (MID, Redding, Roseville) will see a slight increase while WAPA will see a decrease.

Mr. Orchard moved, Ms. Bertolino seconded, and a roll call vote was taken. All Commissioners voted in favor of Resolution 20-03-16 *Approval of Revised 2020 Annual Budget for BANC.*

- B. Mr. Shetler gave a brief Senate Bill 100 study status update. A joint agency workshop was held on February 24th, and BANC participated with other CA Balancing Authorities on a Reliability-focused panel. Common themes of BA presentations included: a 'net zero' carbon concept, the need for a transition plan, respecting safety, reliability, and affordability as parts of the equation. Next steps include analysis, with an expectation that more information will be released mid-summer.
- C. Mr. Shetler provided the Commission with a brief overview of the BANC 2019 Audited Financials. BANC once again had a clean audit. Mr. McFall moved to accept the

MINUTES OF THE REGULAR MEETING OF THE COMMISSIONERS OF THE BALANCING AUTHORITY OF NORTHERN CALIFORNIA (BANC)

financials, Ms. Bertolino seconded, and a roll call vote was taken. The Commissioners unanimously voted in favor of accepting the BANC 2019 Audited Financials.

- D. Mr. Shetler presented the 2020 BANC Member Participation Percentages. Mr. Orchard moved, Ms. Bertolino seconded, and a roll call vote was taken. All Commissioners voted in favor of Resolution 20-03-15 Accepting and Adopting the BANC Member Participation Percentages for 2020.
- E. Mr. Shetler discussed plans for the BANC strategic planning session. As the June date did not look feasible from a participation standpoint, and perhaps from a COVID-19 standpoint, the Commission was polled for availability in July or August. August 26th appears to be the preferred date, with an estimated time frame of 10 a.m. 2 p.m. The Commission will be kept informed as planning proceeds.
- 6. <u>Closed Session</u>: The Commission retired to closed session for conference with legal counsel in anticipation of litigation pursuant to subdivision (c) of Cal. Gov't Code § 54956.9; one case. The Commission adjourned from closed session, where no action was taken.

Minutes approved on April 22, 2020.

C. Anthony Braun, Secretary



BALANCING AUTHORITY OF NORTHERN CALIFORNIA

P.O. BOX 15830 • D109 • SACRAMENTO • CA 95852 -1830

- TO: BANC Commission
- **RE:** BANC Operator Report for March 2020

Operations:

- BA Operations: Normal
- Significant BA Issues: None
- NWPP Reserve Energy Activations
 - 1 contingency requiring activation of NWPP
 - 285 MW average generation lost
 - 285 MW maximum generation lost
 - Generating unit(s) and date(s) affected: Cosumnes 3/19
 - o All recoveries within 3 minutes
- USF
 - $\circ~$ 5 of 31 days with instances of USF mitigation procedure utilized
 - o 2 days on Path 66
 - No operational impact on BANC
- BAAL Operation:
 - Maximum duration of BAAL exceedance: 5 minutes
 - Number of BAAL exceedance >10 minutes: 0
 - BAAL violation (BAAL exceedance >30 minutes): None
- Frequency Response (FR) Performance Quarterly Metric:
 - 2020 Frequency Response Obligation (FRO): -14.7 MW/0.1 Hz

Monthly Notes:

• No additional notes or impacts for March 2020

Compliance Officer Report BANC Commission Meeting April 2020

The following summarizes routine issues for the Commission's information and consideration. Any major issues or action items will be identified separately on the Commission agenda for action.

BA Compliance Issues:

- No significant operational Balancing Authority compliance events occurred.
- All required BA compliance reports and operating data were submitted to WECC.
- On April 6th, NERC filed a petition with FERC to delay the enforcement and implementation dates for seven new or revised NERC Reliability Standards, many of which are relevant to BANC in its functional capacity as a BA and/or PC. FERC's ruling is pending.

BANC MCRC:

• The next BANC MCRC teleconference is scheduled to be held at 10:00 AM on Monday, April 27, 2020.

PC Committee Chair Report BANC Commission Meeting April 2020

The following summarizes Planning Coordinator-related issues for the Commission's information and consideration. Any major issues or action items will be identified separately on the Commission agenda for action.

BANC PC Committee Issues:

- SMUD staff work toward demonstrating compliance with PC-related NERC reliability standards.
 - FAC-014-2 Establish and Communicate SOLs Staff started working on the study plan and will send it out for BANC PC participants to review.
 - MOD-031-2 Demand and Energy Data Staff submitted Loads and Resources (LAR) supplemental data (Part III) to WECC on due date of 3/24/2020 for the BANC PC participants and WAPA-SNR.
 - PRC-006-3 Underfrequency Load Shedding Staff is currently preparing for data collection and request and is waiting for the WECC data request after the UFLSWG conference call on 4/14/2020.
 - PRC-012-2 Remedial Action Schemes Staff is currently performing once every five calendar years RAS study to comply with R4 of this standard. A study plan was finalized on 4/10/2020.
 - PRC-023-4 and PRC-026-1 Staff sent out study plans for these two standards for BANC PC participants' review on 3/31/2020 and 4/3/2020 respectively. The comments for PRC-023-4 are due on April 17th and for PRC-026-1 on April 20th.
 - TPL-001-4 Transmission System Planning Performance Staff is currently working on all study base cases, which will be finalized on April 10th as scheduled.
 - TPL-007-3 GMD Transmission Performance Staff is working with NERC's Geomagnetic Disturbance Task Force (GDTF) to obtain the Magnetic Field data from the National Oceanic and Atmospheric Administration (NOAA) for the BANC PC Participant areas to meet the TPL-007-3 Requirement R12, which will be enforced on 07/01/2021.

	Estimated				
	DC Standard	% Complete	N. A		
1	PC Standard	Complete	Notes		
1	FAC-002-2 Interconnection Studies		No new and/or materially modifying transmission facilities within BANC area this year except Hurley-Procter Reconductoring Project. Hurley-Natomas 230 kV Line Rating Increasing Project is		
2	FAC-010-3 SOL Methodology		scheduled in spring 2021.		
	for Planning Horizon		No changes in SOL Methodology.		
3	FAC-013-2 Transfer Capability for Near-Term Planning Horizon		Will start to develop a study plan in May, 2020.		
4	FAC-014-2 Establish and Communicate SOLs	10%	Start developing a study plan in April, 2020.		
5	IRO-017-1 Outage Coordination		Will send out 2020 annual assessment report in October.		
6	MOD-031-2 Demand and	100%	2020 Loads and Resources		
	Energy Data	10070	supplement Data Request III sent to WECC end of March.		
7	MOD-032-1 Data for Power System Modeling & Analysis		Ongoing activity.		
8	MOD-033-1 System Model Validation		Data request in June 2020.		
9	PRC-006-3 Underfrequency Load Shedding	10%	Start working on Data collection and request.		
10	PRC-010-2 Undervoltage Load Shedding	100%	Study has been completed. The report was finalized on December 30th , 2019. RSAW completed.		
11	PRC-012-2 Remedial Action Schemes	20%	New Standard to be effective on $1/1/2021$. Study Plan has been finalized on $4/10/2020$.		
12	PRC-023-3 Transmission Relay Loadability	20%	Study plan was sent out on 3/31/2020. Comments are due on 4/17/2020.		
13	PRC-026-1 Relay Performance During Stable Power Swings	20%	Study plan was sent out on 4/3/2020. Comments are due on 4/20/2020.		
14	TPL-001-4 Transmission System Planning Performance	30%	All study base cases finalized on 4/10/2020.		
15	TPL-007-3 GMD Transmission Performance	30%	Working with NERC GDTF and NOAA to obtain the Magnetic Field data to meet the TPL-007-3, R12.		

The table below shows the current status of all PC-related standards:

GM Report BANC Commission Meeting April 22, 2020

I wanted to summarize routine issues for the Commission's information and consideration. Any major issues or action items will be identified separately on the Commission agenda for action.

Outreach Efforts:

Refer to GM outreach report provided under separate distribution. In addition, here are some other noteworthy items:

LADWP/Seattle City Light/SRP/TID/Tacoma Power

Dialogue continues with these entities regarding EIM participation. Based upon the group's discussions, we have agreed to continue to interact on an informal basis to make sure we are on the same page on EIM issues from a POU perspective. We are routinely holding bi-weekly calls to provide updates and discuss issues. To date, we have collaborated with the other POUs on joint language to use in the EIM Entity agreement that we will all need to sign for EIM operations, on how to address market-based rate authority with DMM, potential common language for OATT revisions, and joint comments on the EIM governance issues. We have also used this forum to discuss POU positions regarding the EDAM development. In addition, we have worked with the other three entities to agree upon the joint funding of BBSW to monitor CAISO interfaces for us. We have also confirmed Tacoma Power and TID interest in participating in the group. On April 1, 2020, both SRP and Seattle City Light went live with EIM. Feedback is that the transitions were smooth with no major issues.

POU Western Markets Initiative

BANC continues to participate in this effort, which is being coordinated by APPA. The group continues to evaluate how best to represent the POUs in the everchanging power markets in the West. Our next meeting is scheduled for a webinar on May 19th.

Coronavirus Restrictions

With the increased restrictions on public gatherings and travel, BANC is moving to more remote meeting attendance, both for our own internal member meetings as well as outside meetings for the foreseeable future. We will maintain this approach until public health authorities advise the restrictions can be relaxed. In addition, the BANC BA Operator (SMUD) has instituted measures to reduce coronavirus risks,

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including stay at home for most employees with only essential staff working at the offices.

Market Initiatives:

EIM Participation

The BANC EIM Phase 1 implementation effort was completed on April 3, 2019, with the successful go-live of BANC as the EIM Entity and SMUD as a Participating Resource. We are now monitoring EIM participation. CAISO quarterly benefit reports continue to show that BANC/SMUD is seeing benefits from the EIM participation.

The BANC EIM Phase 2 effort is moving forward. The EIM Phase 2 Participation Agreement has been executed by all of the entities. The EIM Phase 2 Implementation Agreement has been executed by both BANC and the CAISO and was accepted by FERC effective 12/11/19. Staff is coordinating with the Phase 2 participants and Utilicast to move forward with Phase 2 implementation with several meetings and discussions underway. The main focus for the project is defining WAPA transmission use approach, defining how the deviation band will be handled under EIM, and determining cost allocations methodologies for the various EIM cost codes. We have reached a tentative agreement on the WAPA transmission. WAPA and the members continue to discuss how the deviation band can be used in the EIM. The cost allocation methodologies effort is proceeding well with initial agreement on all but one or two of the cost codes. We have initiated discussions on metering and Resource Sufficiency/Flex Ramp test approach. We are working with CAISO to resolve some of the unique issues associated with the BANC structure. In addition, we are working with WAPA to determine how to support them with draft BANC Business Practices that they can reference for their upcoming OATT and Rates processes. The amendments to the budget for EIM Phase 2 Implementation were approved at the March Commission meeting.

EDAM Participation

The EDAM Feasibility Assessment is complete. The CAISO issued an initial EDAM issues white paper on October 10 and held a stakeholder webinar on October 17. The CAISO requested comments on the issues white paper by November 22, with the EDAM Entities filing joint comments and BANC also filing supporting comments. It is expected that the CAISO will use most of 2020 to conduct the formal stakeholder process, including development of a straw proposal for EDAM, followed by tariff filings at FERC. The EDAM Entities (including BANC) were active participants in the first EDAM public stakeholder workshop on February 11-12, 2020. Stakeholder comments have been submitted and the EDAM Entities are in the process of digesting the comments to determine next steps. The CAISO has indicated that the impacts of COVID-19 and the other market policy issues they are addressing

will result in a delay of the EDAM issue paper from April to June. This will impact the overall EDAM stakeholder and design development process. An EDAM go-live, if there is sufficient interest by EIM entities to participate, will likely slip beyond the 2022 timeframe at the earliest. Amendments to the EDAM budget were approved at the March Commission meeting.

WAPA:

Market Engagement

We have included WAPA-SNR in our EIM Phase 2 planning efforts and WAPA-SNR is an active participant in these efforts. As noted above, the main discussions with WAPA-SNR have been around the approach for use of WAPA-SNR transmission in EIM and how the deviation band will be handled in EIM. Also, as noted above, we are working proactively with WAPA-SNR to assist them in their OATT and Rates processes for EIM.

San Luis Transmission Project

WAPA-SNR has announced its intent to work with the Bureau of Reclamation and CDWR to construct the SLTP. BANC met with WAPA and the other parties to fully understand the implications of having this new transmission project in the BANC BA/WAPA-SNR sub-BA. The SLTP developers (DATC) have completed the open season on the additional capacity for the project. It is our understanding that DATC is in discussions with interested parties regarding participation in the SLTP. We will keep the Commission informed as more information becomes available.

Peak Reliability:

Closure Activities

Peak ceased operations as a registered RC on December 4, 2019. The final closure activities (terminating contracts, vacating facilities, etc.) are being handled by a closure administrator (Marie Jordan, former Peak CEO), with completion forecasted by 2nd Quarter 2020. Peak is forecasting under running its budget and that the Funding Parties will be receiving a rebate in mid-2020.

WECC

WECC Board Meetings

I attended the MAC and Board meetings on March 10-11, 2020, in Salt Lake City.

RC Services for the West

With the completion of the RC transition from Peak to the new RCs, WECC and NERC have refocused their efforts from monitoring transition to monitoring operations of the RCs. At the March 11 Board meeting, NERC CEO Jim Robb commended the

Western Interconnection for the successful transition of RC services from Peak to the new RC providers.

CDWR Delta Pumping Load:

BANC is coordinating with SMUD, CDWR, WAPA, and the CAISO regarding how the construction and pumping loads and ancillary services will be provided for this project. The CAISO has reached out to BANC/SMUD/WAPA-SNR regarding contacts for initiating discussions on how CAISO will supply energy for the construction loads in our footprints. With the Governor's announcement that the project will be downsized from two to one tunnel, CDWR has withdrawn the current applications and will be submitting revised environmental documentation. We expect at least a 2-3 year delay in any start to the project. However, CAISO has reinitiated outreach discussions on how they will support the boring machine loads for the project.

SB100 Implementation

As part of SB100, the CPUC, CEC, and CARB (Joint Agencies) are required to collaborate with the California BAs to develop a quadrennial report on the status of achieving the goals of SB100. The initial report is due 1/1/21. The four POU BAs (BANC, IID, LADWP, and TID) are collaborating on positions and responses. In addition, we have done outreach to the CAISO, Pacificorp, NV Energy, and WAPA BA's in California to determine if there is benefit to all BAs coordinating on this effort. BANC filed comments with the agencies on 12/2/19. BANC stated that it supported the long-term goals of the State regarding GHG reductions. However, we also cautioned that the transition from the current mix of resources to the long-term resource mix needs to be done in an orderly manner to ensure that grid reliability and affordability can be maintained for the benefit of the end-use consumers. We also supported a "net zero" carbon approach to meeting the goals, at least on an interim basis. We are discussing how SB100 goals will impact BANC operations in the long-term with the Resource Committee and will be updating the Commission as these discussions evolve. I attended the SB100 workshop on 2/24/2020 and participated on a BA reliability panel. Subsequent to the workshop, staff worked with the other POU BAs (LADWP, IID, and TID) regarding comments to the Joint Agencies. Staff has also reached out to the Joint Agencies to see how they intend to address the BA comments.

Sutter Energy Center

Based upon Commission concurrence at the February meeting, staff held initial discussions with Calpine regarding a potential term sheet.

Strategic Initiatives

An update of the 2019/2020 Strategic Initiatives is attached to this report.

No./Priority	Focus Area	Initiative	Responsibility	Target Due Date	Status
1 Medium	INDEPENDENCE	Effectively oversee the BA operations.	Jim Shetler	Ongoing	See monthly Ops, PC, Compliance, & GM Reports
2 Medium		Develop long-term succession plan and traits for General Manager	Jim Shetler/Commission	Ongoing	Draft plan discussed with Commission
3 Medium		Organizational Issues: ~ Develop BANC procedures & processes as appropriate	Jim Shetler/BBSW	4th Qtr. 2020	Initial draft of business practices being developed
4 Medium	OUTREACH	Engage in industry forums (WECC, Peak, NWPPA, etc.)	Jim Shetler	Ongoing	Attend RC West, WECC Board, WEIL, & NWPP Exec. Forum meetings
5 Medium		Coordinate with other POU BAs (Ca and regionally)	Jim Shetler	Ongoing	Coordinating with SCL, SRP, LADWP, TP, & TID on EIM
6 Medium		Outreach to regulatory and legislative bodies on key issues	Jim Shetler/BBSW	Ongoing as Necessary	Call with BOSR reps on fund options 3/18/20
7 Medium	ASSETS	Evaluate joint options for resource needs for BA	Resource Committee	4th Qtr. 2020	
8 Low	MEMBER SERVICES	Identify and outreach to potential new BANC members	Jim Shetler	Ongoing	Discussions with WAPA-SNR

No./Priority	Focus Area	Initiative	Responsibility	Target Due Date	Status
9	INDEPENDENCE	Manage implementation of EIM	Jim Shetler/SMUD	4/1/21	Routine EIM Committee
High		Phase 2 participation effort			meetings being held
10 High		Manage EIM Phase 1	Jim Shetler/SMUD	Ongoing	
11 High		EDAM evaluation effort ~ CAISO Stakeholder Process ~ CAISO Tariff Development	Jim Shetler/BBSW Jim Shetler/BBSW	3rd Qtr. 2020 1st Qtr. 2021	Coordinating with EDAM SC
12 Medium	OUTREACH	Evaluate opportunities to engage other entities in market development	Jim Shetler	Ongoing	Coordinating with SCL, SRP, LADWP, TID, & Tacoma
13 Medium		Regional Policy Issues: Monitor/ weigh-in where appropriate	Jim Shetler/Commission	Ongoing	Call with BOSR reps on fund options 3/18/20
14 High		Regionalization: ~Monitor CAISO GRC effort	Jim Shetler/BBSW	3rd Qtr. 2020	GRC meeting; T. Braun selected
15 High		Coordinate with BAs on SB100 collaboration effort	Jim Shetler/BBSW	12/31/20	Participated in 2/24/20 reliability workshop Submitted BANC comments 3/9/20
16 Medium	ASSETS	Evaluate resource criteria for BANC long-term needs	Jim S./Res. Com.	4th Qtr. 2020	Holding discussions at Resource Committee
17 Medium	MEMBER SERVICES	Evaluate possible support to participants for EIM	Jim S.	4th Qtr. 2020	Finalized software EIM procurement options