A regular meeting of the Board of Directors of the Yuba County Water Agency was held on the above date, commencing at 9:00 A.M. within the Yuba County Government Center, 915 8th Street, Marysville, California.

**ROLL CALL**

<table>
<thead>
<tr>
<th>Directors</th>
<th>Present</th>
<th>Absent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Randy Fletcher (Chair)</td>
<td>☑️</td>
<td>□</td>
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<tr>
<td>Brent Hastey (Vice Chair)</td>
<td>☑️</td>
<td>□</td>
</tr>
<tr>
<td>Gary Bradford</td>
<td>☑️</td>
<td>□</td>
</tr>
<tr>
<td>Mike Leahy</td>
<td>☑️</td>
<td>□</td>
</tr>
<tr>
<td>Doug Lofton</td>
<td>☑️</td>
<td>□</td>
</tr>
<tr>
<td>Charlie Mathews</td>
<td>☑️</td>
<td>□</td>
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<tr>
<td>Andy Vasquez</td>
<td>☑️</td>
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</tbody>
</table>

**Staff in Attendance**
- Curt Aikens, General Manager
- Willie Whittlesey, Assistant General Manager
- Terri Daly, Administrative Manager
- Kurtis Crawford, Finance Manager
- DeDe Cordell, Communications Manager
- Jackie Sillman, Community Impact Specialist

**PLEDGE OF ALLEGIANCE**

The Pledge of Allegiance was led by Director Mathews.

**PUBLIC COMMENT**

None.
APPROVAL OF CONSENT ITEMS

A motion was made by Director Vasquez, seconded by Director Lofton, to adopt the agenda and approve all Consent items shown on the agenda and duplicated below for reference purposes.

1. Approval of the Minutes the regular meeting of January 21, 2020.

CLOSED SESSION (9:03 A.M)

2. CLOSED SESSION: Consultation with Willie Whittlesey, Agency Power Systems Manager (who functions as security operations manager), concerning threat to public services or facilities.

No action reported.

Reconvened from Closed Session at 10:47

DISCUSSION ITEMS

3. Consider adoption of Resolution 2020-03 establishing and confirming a dam safety philosophy and approving an updated Agency Dam Safety Program.

A motion was made by Director Hastey, seconded by Director Lofton, to approve this matter as presented.

Vote:
YES: Bradford, Fletcher, Hastey, Leahy, Lofton, Mathews, Vasquez

4. Receive information regarding a draft Grant Program Policy for the Agency. At this time, the draft policy is intended for information sharing purposes only.

No formal action. The Board briefly discussed next steps to include a more in-depth discussion of the Grant Program Policy at a future meeting.

5. Receive information regarding Plumas Lake Levee Impact Fees and
1) Consider providing direction to staff to continue coordinating with Yuba County and Three Rivers Levee Improvement Authority to pursue alternatives; and
2) Consider appointing an ad hoc committee to provide consideration and guidance to intermediate steps in preparing for potential transactions.

Director Bradford submitted a comment letter he received from a constituent. The Director also expressed his support of this matter and volunteered to be on the ad hoc committee.
Director Mathews commented that having information on this subject simplified to the extent possible will be important going forward.

A motion was made by Director Lofton, seconded by Director Hastey, to direct staff to continue coordinating with Yuba County and Three Rivers Levee Improvement Authority to pursue alternatives.

Chair Fletcher appointed Directors Vasquez, Lofton and Bradford as members of the ad hoc committee.

Vote:  
YES: Bradford, Fletcher, Hastey, Leahy, Lofton, Mathews, Vasquez

6. Consider approval of the Memorandum of Agreement between the U.S. Army Corps of Engineers and the Yuba County Water Agency Regarding Operation and Maintenance of Narrows 2 Powerplant at Harry L. Englebright Dam.

A motion was made by Director Vasquez, seconded by Director Hastey, to approve this matter as presented.

Vote:  
YES: Bradford, Fletcher, Hastey, Leahy, Lofton, Mathews, Vasquez
MANAGER'S REPORT

Project Operations: The project continues to operate within compliance.

Start Date: 00:00 02/03/2020  End Date: 00:00 02/04/2020
Printed on: 02/04/2020

Storage data are instantaneous values at the end of the period; flow data are average values for the period.

<table>
<thead>
<tr>
<th>New Bullards Bar Reservoir</th>
<th></th>
<th>Storage data are instantaneous values at the end of the period; flow data are average values for the period.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevation (Ft):</td>
<td>1,881.58</td>
<td>Flood Space Reqd (AF): 170,000 Critical Storage Line (AF): 0</td>
</tr>
<tr>
<td>Storage (AF):</td>
<td>650,437</td>
<td>Flood Space Avail (AF): 315,666 Target Storage Line (AF): 0</td>
</tr>
<tr>
<td>% Total Capacity:</td>
<td>67</td>
<td>Flood Space Reqd (%): 186</td>
</tr>
<tr>
<td>% Usable Capacity:</td>
<td>57</td>
<td>Excess Flood Space (AF): 145,666</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Englebright Reservoir</th>
<th>Stream Flows</th>
<th>Includes NY28 gauge error caused by Army Corps' upstream gravel injection project.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Englebright Outflow:</td>
<td>1,175*</td>
<td>Marysville: 1,053</td>
</tr>
<tr>
<td>Narrows 1 Gen/Bypass Flow:</td>
<td>0</td>
<td>North Irrig. Diversion: 0</td>
</tr>
<tr>
<td>Narrows 2 Gen/Bypass Flow:</td>
<td>1,018</td>
<td>South Irrig. Total Flow: 0</td>
</tr>
<tr>
<td>Spill:</td>
<td>0</td>
<td>Total Diversion: 0</td>
</tr>
</tbody>
</table>

NERC / WECC: The Agency continues to operate in compliance with NERC/WECC Electricity Reliability Standards established for the bulk electric system.

Emergency Action Plans – Cal OES requirements: This week we are finalizing revisions to our New Bullards Bar and Log Cabin Emergency Action Plans (EAP) requested by Cal OES as part of the new legislative requirements following the Oroville spillway incident. The inundation maps have been approved and we have been working directly with Cal OES to revise the plans to meet their new expectations. Additionally, the new legislation requires the creation of an EAP for Lake Francis Dam which was not a previous requirement. We are currently developing the inundation maps for Lake Francis as the first step in the required schedule.

FIRO Steering Committee: The committee met on January 28th to discuss the technical work needed to operationalize the FIRO program. The first draft of the work plan is due in July. The Army Corps received $4 million to begin Water Control manual updates for Oroville and New Bullards Bar reservoirs. Water managers throughout the west are becoming aware of FIRO and are interested in the potential for their watersheds with FIRO based operations being accepted as feasible.

Atmospheric River Webinar: On Jan 30th a special Board Meeting was held to facilitate a group-viewing of Scripps Webinar “Risk and Resilience: Predicting and Planning for Extreme Precipitation from Atmospheric Rivers” Dr. Anna Wilson Field Research Manager from CW3E presented the webinar and gave an insight into how AR storms are being measured and the research taking place to better understand their characteristics and ability to forecast their impacts.
AR storms are the primary cause (over 90%) of the flood events in our region and are key to implementing FIRO operational strategies planned as part of our Secondary Spillway project and NBB Water Control Manual Update.

**Hydrology:** We will be ramping down releases from Lake Englebright from approximately 1000cfs to 850cfs over a three-day period. This is in response to a dry forecast through mid-month and slightly below average snow pack for this time of year. As the season progresses, we will continue to fine tune releases. Feb 1st snow survey showed a snow-water-equivalent average for our three snowcourses of 85% of normal year to date. Precipitation is approximately 65-70% year to date.

**Power Sales Monthly Highlights:** December Power Systems revenue totaled $4.1 million and we generated ~79 thousand MWhs during the month. The average day ahead hourly price was $40/MWh.

For the months of July through December Power Systems revenue totals $31 million which is below budget by $2.5 million. The 8% variance is due to lower than anticipated energy prices. The day ahead energy prices are down 26% compared to the same period in 2018. Generation is currently 12% above forecast for the year.

For January, Power Systems revenue is $2.8 million thru January 26th. A full report on January power sales will be provided at the first Board meeting in February.

**Recruitment:** Applications are being accepted and screened for the Electrical Technician and Information Security Administrator positions.

Applications are being screened and first round interviews are being held for the Senior Public Information Officer and Administrative Assistant-Hydro Power Contracts positions.

Final interviews are being held this week for the Utility Worker and Information Systems Network Analyst positions.

**Community Relations:** We are sponsoring the Adventist Health/Rideout Foundations Heart Month activities and will have our banner displayed at their many activities this month. On Feb. 14th, we’ll be sponsoring the Kiwanis Mardis Gras celebration and have tickets to that event. If you’re interested, please let DeDe know.

**Communications/Media Relations:** Media coverage of Forecast-Informed Reservoir Operations picked up last week after Scripps began launching their atmospheric river recon flights and some select media was invited to participate. Last week, John James and I did interviews with Bloomberg News and CalMatters. Additionally, John was featured in the Appeal Democrat talking about the water year so far, and predictions for the next few weeks.

**Water Education:** Last week, both the curriculum and the facility work groups (which are formed by a combination of staff and community education experts) made some significant progress. They are fine tuning proposals that will go to the larger Water Education Advisory committee in
February, and we hope to have a proposal for your board regarding a path forward in both local curriculum development and facility master planning, sometime in March.

**CalFire Forest Health Grant:** On January 29th CalFire let us know that our proposed Yuba Foothills Healthy Forest project was awarded $4.5 million in California Climate Investment funding as part of their Forest Health grant program. The project will include over 5,000 acres of public and private forest lands in the Yuba County foothills. Various forest treatments will be used including thinning, prescribed fire, pile burning and biomass utilization. The project will provide benefits to forest health, climate change resilience, species composition, stabilized carbon and sediment, catastrophic fire risk reduction, improved water yield and direct benefits to hydro and bio-energy fuels and local jobs.
DIRECTORS’ COMMENTS AND REPORTS

Director Vasquez reported on the following:
Appreciated the Dam Safety report received today during Closed Session.

Director Hastey reported on the following:
Announced a March 26 ACWA Tour of Shasta Dam.

Director Bradford reported on the following:
Recognized Terri Daly and Mark Northcross for their efforts regarding the Plumas Lake Levee Impact Fees.

Director Mathews reported on the following:
Appreciated the Draft Grant Policy work.

No report was provided by Director’s Fletcher, Leahy, or Lofton.

ADJOINED AT APPROXIMATELY 1:30 P.M

Minutes Approved: Randy Fletcher, Chair
Date signed: 2/18/2020

ATTEST: James Mitrisin
Clerk of the Board of Directors