

NEVADA IRRIGATION DISTRICT

BOARD OF DIRECTORS

MINUTES

September 13, 2022

The Board of Directors of the Nevada Irrigation District convened in special session at The Gold Miner's Inn, located at 121 Bank Street, Grass Valley on the 13th day of September 2022, at 2 p.m.

Present were Chris Bierwagen, President (Division II); Karen Hull, Vice President (Division III); and Directors Ricki Heck (Division I); Laura L. Peters (Division IV); and Rich Johansen (Division V).

Staff members present included Jennifer Hanson, General Manager; Doug Roderick, Director of Engineering; Chip Close, Director of Water Operations; Keane Sommers, Director of Power Systems; Steve Prosser, Director of Maintenance; Monica Reyes, Director of Recreation; John Ortiz, IT Administrator; Neysa King, Environmental Resource Administrator; Naomi Schmitt, Human Resources Administrator; Cameron Price, Treated Water Maintenance Superintendent; Thor Larsen, Water Resources Superintendent; Nathan Wasley, Water Superintendent; Shad Chittock, Water Treatment Supervisor; Aurora Tipton, Customer Service Administrator; Debbie Martin, Controller; Lisa Price, Human Resources Representative; Susan Lauer, Communication Specialist; Shannon Wood, Business Services Technician; Cindy Ware, Safety Technician; Joanne Phillips, Engineering Management Assistant; and Katie Kemp, Office Assistant

STANDING ORDERS

- Call to Order: President Bierwagen called the meeting to order
- President Bierwagen led the Pledge of Allegiance
- Roll Call: 5 Members Present

PLAN FOR WATER MATRIX AND PROCESS CHECK-IN

Jennifer Hanson, General Manager, provided a process check-in.

Public Comment: None

PLAN FOR WATER STAGE #5 - STRATEGIC PLANNING

Jennifer Hanson, General Manager, facilitated the workshop:

- Welcome and Staff Introductions
- Group Exercise led by Keane Sommers, Director of Power Systems
- Review of Strategic Goals Progress

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WEST CONSULTING INC., MODELING PRESENTATION

Doug Roderick, Director of Engineering, introduced WEST Consulting Inc., representatives Marco Bell, Senior Project Manager; Luciana Cunha, Senior Project Manager; David Curtis, Vice President (Via Zoom); and Jeffrey Meyer, Principal at Western Hydrologics.

Marco Bell, Senior Project Manager at WEST Consultants gave a presentation that described the various modeling approaches and presented a proposed scope of work to develop a Coupled Model Intercomparison Project Phase 6 (CMIP6) HEC-HMS for the unimpaired hydrology modeling.

Jeffrey Meyer, Principal at Western Hydrologics, talked about the process of developing the historic hydrology for calibrating and validating the operations model.

Luciana Cunha, Senior Project Manager, WEST Consulting, Inc. presented the options for three modeling alternatives and the advantages and disadvantages of each.

Public Comment:

- Michael Ross, member of the public, asked the following questions:
 - If the EL NIÑO/SOUTHERN OSCILLATION (ENSO) predictions and models are incorporated into this hydrology modeling approach
 - Asked if there will there be any correlations of ENSO predictions and recent or future volcanic activity and the likely paths of atmospheric rivers (AR) across Northern California or other precipitation patterns in these scenarios
 - Asked what the planning horizon is for updating forecasting
 - Asked will NID change its data collection and data quality protocols to collect data now and in the future for these types of modeling efforts
 - Commented that the recommendations for data collection and quality control should be in the deliverables

- Trevor Caulder, member of the public:
 - Asked if the costs will be offset by grants

- Jeremy Mineau, member of the public:
 - Asked what is the benefit of getting precise physical data if there is more variability based on emissions.
 - Asked how valuable the data is in the long term

- Tracy Sheehan, Foothills Water Network:
 - Commented that this is a critical piece of the process and the Network fully supports the proposed scope

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The meeting recessed at 3:10 p.m. and reconvened at 3:35 p.m.

METRICS

Jennifer Hanson, General Manager, presented the item:

- Reviewed the metrics of NID in comparison to metrics from Yuba County Water Agency (YCWA), Placer County Water Agency (PCWA), and El Dorado Irrigation District (EID)

Discussion ensued regarding Pension Liabilities and OPEB Liability.

MISSION STATEMENT

Jennifer Hanson, General Manager, facilitated a group exercise to develop a Mission Statement.

A proposed Mission Statement will be presented to the Board:

“The Nevada Irrigation District provides a dependable, high-quality water supply for the communities we serve.”

MEETING ADJOURNED at 5:30 p.m. to reconvene in regular session on Wednesday, September 14, 2022, at 9:00 a.m. at the District’s Business Center located at 1036 W. Main Street, Grass Valley, California.

Submitted by



Joanne Phillips, Management Assistant