The meeting of the Board of Directors of the Turlock Irrigation District was called to order at 9:00 a.m. in regular session on the 31st day of July 2018. Present were: Directors Charles Fernandes (President), Rob Santos (Vice-President), Michael Frantz (Secretary), Joe Alamo and Ron Macedo, General Manager Casey Hashimoto and Deputy Secretary to the Board Dorinda Soiseth.

SALUTE TO THE FLAG

MOTION APPROVING CONSENT CALENDAR

Moved by Director Santos, seconded by Director Macedo, that the consent calendar consisting of the following be approved:

A. Minutes of the regular meeting of July 24, 2018.
B. Demands against the District represented by check numbers 375804 to 375960, inclusive, in the amount of $3,802,573.57.

All voted in favor with none opposed. The President declared the motion carried.

PUBLIC COMMENT PERIOD

There was none.

WEEKLY UPDATES

Line Division Manager Denver Hodges presented the report for the Electrical Engineering and Line Department for the month of June. The SAIDI (System Average Interruption Duration Index) year-to-date figure is 27.3. (SAIDI totals the duration of each outage then divides it by the customer base, and is considered a commonly used formula in the industry). The average length of time customers were without power (due to outages) was 6.0 minutes. Major outage contributors in June show Third Party Damage (car/pole accidents, etc.) at 24 percent, equipment failure at 16 percent, trees at 50 percent, interference at 6 percent, and unknown causes at 4 percent. Electrical Engineering sent 52 customer requests to the Line Department for completion. Construction lead time in June was 1 week, with one contracted crew for the month. The crew structure consisted of three 6-person crews, one 2-person crew, one 4-person contract crew and one 5-person crew. Mr. Hodges noted that maintenance projects were higher in June due to capital work.
Energy Trader Wes Kellison reviewed operations for the week of July 20 - 26. The daily system peak, including partial required sales, reached 629 megawatts on July 26. The load was met with TID Hydro, thermal generation, short and long-term firm, renewables and spot purchases. Total renewables of TID retail energy sales plus losses were at 16 percent. The Tuolumne Wind Project (TWP) generated 6,130 MWh’s during this time period at the Willis Substation. Natural gas prices at Pacific Gas & Electric Company’s Citygate were $3.06/mmBTU. Electric operations for this period show Walnut Energy Center was fully available; Almond ran seven days for economics and operations; Boardman ran all week; Don Pedro Unit #1 and 2 ran all week at full load; Don Pedro Unit #3 was placed back in service on July 30; Don Pedro Unit #4 will be out of service until November 1, and Walnut ran three hours on July 24. Mr. Kellison noted that prices were strong in the northwest due to the heat wave. There was discussion about smoke impact to solar units from recent area fires, and a question about the limit to the hours per year that Walnut could operate. Mr. Kellison will get that information and report back to the Board.

Chief Hydrologist Wes Monier noted some recent changes to his department including the addition of the District’s current Aquatic Biologist Patrick Maloney and Utility Analyst-Hydrologist Olivia Cramer. Mr. Maloney has provided a different perspective concerning river flows, and Ms. Cramer assisted writing code that has been beneficial to the District in regards to the efficiency of Don Pedro. They are also working on modeling with NASA and DWR.

Utility Analyst-Hydrologist Olivia Cramer reported on current water conditions and precipitation forecasts for the period of July 23 - 29. Ms. Cramer noted that staff is now using the Euro in addition to the US precipitation model which prompted some discussion regarding the differences. Mr. Monier noted that the Euro model handles topography better than the US model. Accumulated precipitation measured at the three mountain stations in the Tuolumne River watershed from September 1, 2017 to present total 30.90 inches, or 86 percent of normal to date. Computed natural flow is averaging 548 cfs. San Francisco reservoirs contain 606,250 acre-feet. Don Pedro contains 1,716,331 acre-feet. Average combined releases are at 2,861 cubic feet per second. Don Pedro Water Bank is at 596,913 acre-feet of credit and Turlock Lake contains 27,820 acre-feet of water.

Current water operation updates include the annual FERC snorkel survey, which is being conducted by Aquatic Biologist Pat Maloney, the Dennett Dam Removal Project currently underway by the City of Modesto and a recent grass fire incident at the Blue Oaks Recreation area. Upcoming operational matters include the Don Pedro elevation, which needs to be below 801.9 ft. by October 1 as required by the Army Corp of Engineers, and the October Pulse Flow/Winter Flow Fish Schedule. Ms. Cramer reviewed the Tuolumne River minimum flow requirement numbers, and there were questions from the Board regarding how these figures are determined.

Water Distribution Department Manager Mike Kavarian reviewed irrigation activity for the period of July 23 - 29. Water orders taken during this period totaled 2,786. Flows ranged between 1,745 to 1,455 cfs. Daily releases from Turlock Lake averaged 1,623 cfs, or 85 cfs below projections. Four canals have been maxed out during this time period impacting Laterals 5, 5 ½, 7 and Lower Lateral 3.

Director Alamo stated that he had been contacted by a grower asking about repairs on the McPherson. Water Distribution Department Manager Mike Kavarian reported that there was a break in the lining that staff attempted to repair, but the issue continued. They plan to pull a portion of the lining out to make additional repairs, which should be done in a day.
Director Alamo left the room due to a conflict of interest on the following proposed action item:

**RESOLUTION NO. 2018 - 32**

**RESOLUTION CALLING FOR A PUBLIC HEARING ON THE PETITION FOR THE INCLUSION OF LAND INTO IMPROVEMENT DISTRICT NO. 08381, KNOWN AS THE MCDANIEL, AND FOR THE LEVYING OF AN ASSESSMENT ON THE INCLUDED LAND**

WHEREAS, a petition for the inclusion of additional land into Improvement District No. 08381, has been properly filed with the Executive Secretary of the Turlock Irrigation District, and

WHEREAS, the required data on said inclusion has been prepared by the Water Resources Administration of the Turlock Irrigation District in accordance with California Water Code Sections 23626 and 23877 and said data has been properly filed with the Executive Secretary.

IT IS HEREBY ORDERED that a public hearing on said petition shall be held at 9:00 a.m. on August 28, 2018, in the office of the Board of Directors of the Turlock Irrigation District, 333 East Canal Drive, Turlock, Stanislaus County, California, and that proper and timely notice of said public hearing shall be given in accordance with California Water Code Section 23646 and California Constitution Articles XIII.C and XIII.D.

Moved by Director Macedo, seconded by Director Frantz, that the foregoing resolution be adopted.

Upon roll call the following vote was had:

**Ayes:** Directors Santos, Frantz, Macedo and Fernandes

**Noes:** None

**Absent:** None

**Abstain:** Director Alamo

The President declared the resolution adopted.

Director Alamo returned to the meeting.

**MOTION CANCELING THE TURLOCK IRRIGATION DISTRICT REGULAR BOARD MEETING OF AUGUST 7, 2018**

Moved by Director Frantz, seconded by Director Santos, that the regular meeting of the Board of Directors of the Turlock Irrigation District scheduled for August 7, 2018, be canceled.

All voted in favor with none opposed. The President declared the motion carried.
RESOLUTION NO. 2018 - 33

RESOLUTION DELEGATING AUTHORITY TO APPROVE PAYMENT OF TURLOCK IRRIGATION DISTRICT WARRANTS FROM AUGUST 1 THROUGH AUGUST 7, 2018

WHEREAS, because the Board of Directors will not hold its regular meeting on August 7, 2018; and

WHEREAS, Water Code Section 24600 states “No claim shall be paid by the treasurer until allowed by the board, and only upon a warrant signed by the president and countersigned by the secretary”; and

WHEREAS, it is in the best interests of the District that the District pay vendors in a timely manner.

NOW, THEREFORE BE IT HEREBY RESOLVED by the Board of Directors of the Turlock Irrigation District as follows:

1. For the period of August 1 through August 7, 2018 only, the Board of Directors delegates to the President and Vice President of the District’s Board of Directors and either of them, the authority to approve claims under Water Code Section 24600 for payment.

2. At the Board of Directors’ regular meeting on August 14, 2018, the Treasurer or the Accounting Department Manager shall report to the Board all claims paid during that period pursuant to this resolution.

Moved by Director Frantz, seconded by Director Santos, that the foregoing resolution be adopted.

Upon roll call the following vote was had:

Ayes: Directors Santos, Frantz, Alamo, Macedo and Fernandes
Noes: None
Absent: None

The President declared the resolution adopted.

GENERAL MANAGER’S REPORT

General Manager Casey Hashimoto had no new items to report.

BUSINESS OF THE BOARD

Director Frantz reported that he recently attended the US Water Alliance Conference in Wisconsin.
MOTION TO ADJOURN TO CLOSED SESSION

Moved by Director Macedo, seconded by Director Alamo, that the regular meeting of the Board of Directors be adjourned:

1. Conference with Property Negotiator
   California Government Code Section 54956.8
   Property: APN 018-006-013
   Agency negotiator: Casey Hashimoto
   Negotiating parties: Stanislaus Regional Water Authority
   Under negotiation: Price, terms and other related items
   - Tou Her, AGM Water Resources
   - Sara Lima, Assistant General Counsel

All voted in favor with none opposed. The President declared the motion carried.

REPORT OF ACTION TAKEN IN CLOSED SESSION

The President stated no reportable action was taken in closed session.

MOTION TO ADJOURN

Moved by Director Macedo, seconded by Director Alamo, that the regular meeting of the Board of Directors be adjourned.

All voted in favor with none opposed. The President declared the motion carried.

Dorinda Soiseth
Deputy Secretary to the Board of Directors