MINUTES OF THE
BOARD OF DIRECTORS MEETING
OF THE TURLOCK IRRIGATION DISTRICT

Turlock, California
18 June 2019

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 18th day of June 2019. Present were: Directors Charles Fernandes (President), Rob Santos (Vice-President), Michael Frantz (Secretary), Joe Alamo and Ron Macedo, General Manager Casey Hashimoto, and Executive Secretary to the Board Tami Wallenburg.

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 June 4, 2019.
B. Demands against the District represented by check numbers 384238 to 384592, inclusive, in the amount of $15,005,018.21.

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

PUBLIC COMMENT PERIOD

Customer Dick Dias expressed concern over three power poles on his property he has been working with District staff to relocate to a different location. After a new location was decided on, the impacted neighbor complained and met with District electrical engineering staff about the proposed relocation of the power poles on the edge of their property, which they opposed. Since Mr. Dias had already paid the initial cost to relocate the poles, District staff continued to work with both parties to come up with an amicable solution. During this time it was determined AT&T also had lines on the poles so relocating them would incur an additional cost of $2,560 per pole. Mr. Dias stated his original agreement with the District was to relocate the poles and since he had already paid the fees, he did not feel the additional charges should be passed on to him. General Manager Casey Hashimoto stated he and the AGM of Electrical Engineering Manjot Gill have spoken to Mr. Dias several times regarding this matter noting that it has been a long standing rule of TID to not incur costs related to moving poles per customer requests. Board members asked several questions and encouraged staff to continue working with Mr. Dias to resolve the matter.
WEEKLY UPDATES

Line Division Manager Denver Hodges presented the report for the Electrical Engineering and Line Department for the month of May. The SAIDI (System Average Interruption Duration Index) year-to-date figure is 21.3. (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 May monthly average for customers without power was 5.3 minutes. Major outage contributors for the month show third-party (i.e. car/pole accidents) causing 45 percent, trees at 21 percent, equipment failure at 19 percent and interference at 15 percent. Electrical Engineering Design received 51 job requests with 52 (customer and internal combined) sent to the Line Department for completion. Construction lead time in May for contracted crews was one week for customer jobs. The crew structure in May consisted of two 2-person crews and four 5-person crews. Capital work, customer jobs and maintenance remained balanced through the month of May.

Energy Trader Wes Kellison reviewed operations for the month of May. The load was met with TID hydro, thermal generation, wind exchange, short and long-term firm, renewables and spot purchases. The Tuolumne Wind Project (TWP) generated 37,312 MWh’s during this time period at the Willis Substation, averaging at 37 percent of capacity. Natural gas prices at Pacific Gas & Electric Company’s Citygate averaged out at $3.24/mmBTU. Day ahead market index in May averaged $15 price per MWh on-peak and $9 off-peak. Mr. Kellison also reviewed the CAISO and Powerdxe hour-ahead market index. Electric operations for this period show all of Walnut Energy Center offline the entire month for economics. Almond was available the entire month of May with multiple units online 12 days for operations and economics. Don Pedro Unit 1 was out of service through May 7 but online the remainder of the month; Unit 2 was out of service for inspection May 14 but online the remainder of the month; Unit 3 tripped on May 27 due to a Modesto Irrigation District transmission issue, and Unit 4 remains out of service until further notice.

Utility Analyst-Hydrology Olivia Cramer reported on current water conditions and forecast. Accumulated precipitation measured at the three mountain stations in the Tuolumne River watershed from September 1, 2018 to present total 45.62 inches, or 127.2 percent of normal to date. The upper watershed areas are expected to receive less than half an inch precipitation over the next week due to localized thunderstorms. Ms. Cramer noted that area temperatures are above average but will decrease this week. San Francisco reservoirs contain 564,305 acre-feet, and the Water Bank is at 686,704 acre-feet of credit. The 7-day average for CCSF releases is 9,602 cfs. with diversions averaging 365 cfs. Don Pedro contains 1,923,408 acre-feet with average combined releases at 8,411 cfs, with 1,750 cfs to TID canals, 791 cfs to MID canals and 5,871 cfs to the Tuolumne River. Computed natural flow is averaging 14,299 cfs for this period, with computed natural flow to date at 137.7 percent of average. Ms. Cramer noted that computed natural flow will move down to 9,000 cfs by the end of month and full natural flow will continue to slow down through July. Turlock Lake contains 30,810 acre-feet of water. The updated weekly watershed report shows Don Pedro has increased approximately 4-feet since this time last week.

Water Distribution Department Manager Mike Kavarian reviewed an irrigation summary for the month of May and irrigation activity for the week of June 10-16. Water orders taken in May totaled 5,425. Daily releases from Turlock Lake for May averaged at 836 cfs, or 140 cfs below projections, with 51,382 acre-feet of water released during the month. For the week of June 10-16, water orders received totaled 2,219 with an additional 400 orders received the previous day. Flows ranged between 1,640 to 1,110 cfs. Daily releases from Turlock Lake averaged 1,433 cfs,
or 173 cfs above projections. As temperatures rise, staff will bring more into the system. Water orders for this period show flood irrigation being utilized 60 percent of the time, micro-drip at 31 percent, and Solid Set (rain-bird type) at 8 percent.

**RESOLUTION NO. 2019 - 32**

**RESOLUTION AUTHORIZING SURVEY AND PREPARATION OF CHARGES FOR PROPOSED ASSESSMENT OF PROPOSED INCLUSION INTO IMPROVEMENT DISTRICT NO. 10430, KNOWN AS MEISNER PUMP**

WHEREAS, a petition for the inclusion of additional land into Improvement District No. 10430, having been received by the Board of Directors of the Turlock Irrigation District, which petition was properly filed and signed by all the owners of the additional land in accordance with California Water Code Section 23875-23876.

NOW, THEREFORE BE IT HEREBY ORDERED that the Turlock Irrigation District's Water Resources Administration make a survey of the proposed inclusion. If, upon completion of such survey, the Water Resources Administration finds that the proposed inclusion is feasible, the Water Resources Administration is further ordered to prepare a statement of the proposed charge for such inclusion according to the benefits that will accrue to each parcel of land proposed to be included into the improvement district.

IT IS FURTHER ORDERED that any survey and statement of proposed charge prepared pursuant to this resolution be filed with the Executive Secretary of the Turlock Irrigation District and said documents shall be subject to the inspection of all interested parties.

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, Alamo, Macedo, Fernandes

**Noes:** Directors - None

**Absent:** Directors - None

The President declared the resolution adopted.

**PUBLIC BENEFITS ANNUAL REPORT**

Energy Service Manager Monique Hampton presented an overview of the 2018 Public Benefits revenue and expenses. Figures show revenue and expenses at $7.8 million. Low-income expenses utilized 28 percent, energy efficiency at 24 percent, and renewable energy at 48 percent of the 2018 public benefit budget. The CARES and medical rate discount program totaled 6,557 participants utilizing $2 million. The weatherization program provided by American Insulation provide services for refrigerator replacement, weather stripping, LED bulb replacement and energy efficiency education. A review of sites with new solar installation in 2018 showed residential
customers totaled 166, agricultural at 9, and industrial with 2 new sites. The energy total for all 1,871 sites with solar from 2006-2018 was 38,521.52 kW-AC. Ms. Hampton also noted that the Net Metering Cap has been recalculated resulting in a new cap of 27.60 MW.

Energy Efficiency Analyst Aldo Lara presented an overview of the 2018 energy efficiency goals, as required by AB 2021. For 2018, goals were set at 14,939 MWh’s and in June of this year, the District reported to the CEC (as required by SB 1037) TID’s actual results were 13,599 MWhs. Cooling, pool pumps and weatherization provided the top residential energy savings in 2018. Non-residential megawatt savings showed lighting projects provided the highest MWh savings. In 2017, the District adopted Energy Efficiency goals for the 2017-2026 period with the 2019 goals at 15,001 MWh’s. Projections for non-residential rebate programs are 76 percent, non-residential DI program at 21 percent, and residential rebate programs at 3 percent.

Ms. Hampton continued with an overview of the Electric Vehicle Program. In October 2018, the board adopted the program to promote efficient use of electric vehicles with a TOU rate for electric vehicle owners. The program leverages technology and staff has fostered partnerships with regional agencies, government bodies and its customers for the well-being of all district customers. There are currently 23 district employees using the EV program, and 24 customers using the TOU rate. There have been 38 electric vehicle rebates issued totaling $11,400, 12 residential charger rebates totaling $9,000, and one CARES Charger rebate (low-income) totaling $400.

**GENERAL MANAGER’S REPORT**

General Manager Casey Hashimoto had no new items to report.

**BUSINESS OF THE BOARD**

Director Macedo reported on his attendance at the Don Pedro Board of Control the previous Friday. Items discussed included an update on the rebuild of the Visitor’s Center that will begin in 2020, and swimming lagoon filtration issues which is estimated at a repair cost of approximately $1 million.

Director Frantz and Director Santos reported they, along with General Manager Casey Hashimoto, attended a water meeting the previous Friday organized by City of Turlock Mayor Bublak. Director Santos stated Mayor Bublak was hopeful of finding a cheaper water source for the water treatment plant (otherwise known as the SRWA Regional Surface Water Supply Project). He stated Ceres Mayor Chris Vierra was very passionate about keeping the project moving forward, and both MID and the City of Modesto expressed interested in some type of participation. He stated he did not feel a lot was accomplished other than receiving views of the project from various agency attendees. Director Frantz concurred with Director Santos stating Mayor Bublak desired a brainstorming session to discuss alternatives to the current project. He also stated Mayor Vierra was adamant that the City of Ceres is in need of the project to help the city grow and he had expressed frustration that the parties involved would even consider not moving forward as planned. Director Frantz also noted that representatives from the Stanislaus Regional Water Authority (SRWA) were present and stated they will continue with the project as it stands.
Director Alamo reported on his attendance with Director Frantz at the quarterly Pension and Investment Committee meeting the previous week. They reviewed several items including the Valuation Report for the first quarter of 2019.

Director Fernandes reported on his attendance at the annual APPA Conference in Texas the previous week. He stated it was an excellent conference with several good speakers. He also noted that he and Director Macedo would tour the Wet Well construction portion of the Regional Surface Water Supply Project on Thursday, June 20.

MOTION TO ADJOURN

Moved by Director Santos, seconded by Director Frantz, that the regular meeting of the Board of Directors be adjourned.

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

Tami Wallenburg
Executive Secretary to the Board of Directors