



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

Turlock, California
21 March, 2017

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 21st day of March 2017. Present were: Directors Joe Alamo (President), Charles Fernandes (Vice-President), Michael Frantz, Rob Santos 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 Fernandes, seconded by Director Macedo, that the consent calendar consisting of the following be approved:

- A. Minutes of the regular meeting of March 7, 2017.
- B. Demands against the District represented by check numbers 361232 to 361635, and check number 155, in the amount of \$1,689,717.25.

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

PUBLIC COMMENT PERIOD

There was none.

WEEKLY UPDATES

Line Division Manager John Rover presented the monthly report for the Electrical Engineering and Line Department. The monthly average for time customers were without power (due to outages) was approximately nine minutes in February. The SAIDI (System Average Interruption Duration Index) year-to-date figure is 21. SAIDI totals the duration of each outage then divides it by the customer base, and is considered a commonly used formula in the industry. Major outage contributors in February show weather caused 48 percent, unknown at 38 percent, wire down and equipment failure at 5 percent each, and other at 4 percent. Electrical engineering received 35 customer requests with approximately 25 of those sent to the Line Department for completion. The crew structure in February was at two 5-person crews, three 4-person crews, one 3-person crew and one 5-person contract crew. The majority of crews worked on customer work and maintenance, with one crew concentrating on pole replacement.

Director Frantz referred to the slide “Monthly Average Customer Minutes Out” and asked how long the customers that were without power in a month, from the time the power went out to when it came back on, what was that number on a monthly basis. He stated that this information would be helpful to determine if the staffing levels are right, if the response times are good, and how customers are being serviced. John Rover responded that he would provide this information at a later date.

Wes Kellison, Energy Trader, reviewed operations for the week of March 10 through March 16. The daily system peak, including partial required sales, reached 313.4 megawatts on March 14. The load was met with TID Hydro and thermal generation, short and long-term firm, renewables and spot purchases. Total renewables of TID retail energy sales plus losses were at 31 percent. The Tuolumne Wind Project (TWP) generated 8,496 MWh’s during this time period at the Willis Substation. Natural gas prices at Pacific Gas & Electric Company’s Citygate were \$3.20/mmBTU. Electric operations for this period show Walnut Energy Center was fully operational with Unit 2 off line for economics; Boardman was offline for economics; Almond ran two days for operations; and Don Pedro Unit 4 remains out of service until further notice.

Jason Carkeet, Utility Analyst, reported on current water conditions for the period of March 13 – 19. Accumulated precipitation measured at the three mountain stations in the Tuolumne River watershed from September 1, 2016 to present total 53.5 inches, or 186.3 percent of normal to date. Snow sensors are 167.1% of average to date. Computed natural flow is averaging 5,679 cfs. San Francisco reservoirs contain 552,258 acre-feet. Don Pedro contains 1,817,583 acre-feet. Average combined releases are at 10,773 cubic feet per second with 575 cfs going to TID, 338 cfs to Modesto Irrigation District, and the remaining 9,860 cfs going to the Tuolumne River. Don Pedro Water Bank is at 633,792 acre-feet and Turlock Lake contains 20,350 acre-feet of water.

Wes Monier, Strategic Issues and Planning Department Manager, provided information about current rainfall and snowmelt parameters in relation to flood control space at Don Pedro reservoir. The goal is to get Don Pedro down to 801.9 feet, and depending on the hydrological conditions, the next stage would be to continue the releases until we reach a comfort level where we could handle the snowmelt. Then we would slow releases to the river and allow the reservoir to rise. The Board asked questions concerning the age of the data used to determine flood watch level, flexibility allowed by the Army Corps of Engineers concerning reservoir levels in relation to various scenarios, and the possibility of going below the 801.9 foot level in May. Mr. Monier noted that as the runoff starts and the reservoir begins to fill, we will reduce the releases. The current snowpack is staggering and we are near record rainfall in our area. He estimated that there is about 2.28 million acre feet of water remaining to come down from the snow melt, and the bulk of the runoff will come in July. This would require us to release 19,130 acre feet, or 9,635 cfs of water per day. At present, the snowpack is at the top 30-40% of the watershed, so if we have a rain event we will not have a snowmelt event. We will keep the releases going and release an average of 8,000 cfs per day, which will bring the reservoir to 801.9 or lower without interference from the Corps. Director Fernandes asked what would happen if there was still enough snow by the end of June or first of July that would allow us to be above 801, and why wouldn’t we keep the reservoir as full as we could. Mr. Monier responded that we will be above 801.9 in June, and that in normal flood control operations our goal is to put the reservoir at 829.64 in the first week of July unless the runoff comes early, and to keep the reservoir as full as possible. Director Macedo asked about the possibility of the reservoir reaching 801 on October 1st. Mr. Monier noted our goal is to not

have the reservoir at 801.9 in October because the 45-day minimum flow period starts October 17 and we don't want to put any water in the river that would interfere with salmon spawning.

There was a question from the audience about the timeframe and probability of the river going down as there is still a lot of property under water. Mr. Monier advised that the river levels will stay up until the reservoir reaches 801.9 feet. Depending on circumstances, the river level would remain the same for the next 13 days, and if San Francisco needs to release water to us it could be another 15 to 18 days for the river level to drop. Then there will be discussion with the Corps and the Department of Water Resources about where the river level should be. If more warm rain is forecasted, we may be required to continue the current release level. The Corp is interested in keeping the river at maximum until we get out of flood control space.

A member of the audience asked if there was another chance of opening the spillway gates again. Mr. Monier responded that there is no meteorological condition that we have seen in history that suggests we will use spillway gates again.

DISCUSSION REGARDING THE RESOLUTION APPROVING THE AMENDMENT TO THE TURLOCK IRRIGATION DISTRICT CLASSIFICATION MANUAL

Martin Purdy, Director of Human Resources, provided the staff report on the proposed amendment to the TID Classification manual. This amendment would change the job classifications of CSR 1-II and Senior CSR into one classification. The current classification title of Safety, Security and Environmental Resources Manager would be changed to Environmental Health and Safety Division Manager. Both classifications will be filled with existing staff allocations.

Hearing no additional comments, the Board took the following action:

RESOLUTION NO. 2017 - 18

RESOLUTION APPROVING THE AMENDMENT TO THE TURLOCK IRRIGATION DISTRICT CLASSIFICATION MANUAL

WHEREAS, it has been determined by the Human Resources Department that there is a need to require the revision of two (2) current job classifications titled 'Customer Service Representative I-II' and 'Senior Customer Service Representative'.

WHEREAS, it has been determined by the Human Resources Department that there is a need to require the revision of one (1) current job title and job classification titled 'Environmental Health and Safety Division Manager'.

NOW, THEREFORE BE IT HEREBY RESOLVED by the Board of Directors of the Turlock Irrigation District that the revision of two (2) current job classifications, 'Customer Service Representative I-II' and 'Senior Customer Service Representative'; and the revision of one (1) current job classification and job title, 'Environmental Health and Safety Division Manager' be included to amend the Turlock Irrigation District Classification Manual.

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

Upon roll call the following vote was had:

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

The President declared the resolution adopted.

DISCUSSION REGARDING THE RESOLUTION APPROVING THE AMENDMENT TO THE TURLOCK IRRIGATION DISTRICT MANAGERIAL, SUPERVISORY, PROFESSIONAL AND CONFIDENTIAL EMPLOYEES' SALARY AND BENEFIT RESOLUTION

Martin Purdy, Director of Human Resources, provided the staff report on the proposed amendment to the TID Managerial, Supervisory, Professional and Confidential Employees salary and benefit resolution to amend the salary steps to reflect the classification change.

Hearing no additional comments, the Board took the following action:

RESOLUTION NO. 2017 - 19

RESOLUTION APPROVING THE AMENDMENT TO THE TURLOCK IRRIGATION DISTRICT MANAGERIAL, SUPERVISORY, PROFESSIONAL AND CONFIDENTIAL EMPLOYEES' SALARY AND BENEFIT RESOLUTION

WHEREAS, it has been determined by the Human Resources Department that there is a need to amend the current 'Exhibit A-3 MSPC "Salary and Benefits for Managerial, Supervisory, Professional and Confidential Employees," salary steps effective January 1, 2017,' with the new 'Exhibit A-4 MSPC salary steps effective March 7, 2017'; and

WHEREAS, it has further been determined by the Human Resources Department that there is a need to amend 'Exhibit A-2 MSPC salary steps effective September 13, 2016,' with the revision of one (1) newly revised job classification and job title.

JOB TITLE	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6
ENVIRONMENTAL HEALTH & SAFETY DIVISION MANAGER	7,465.00	7,839.00	8,231.00	8,643.00	9,074.00	9,529.00

NOW, THEREFORE BE IT HEREBY RESOLVED by the Board of Directors of the Turlock Irrigation District that the and the revision of one (1) newly revised job classification and job title be included to the current MSPC salary steps and amend the Turlock Irrigation District MSPC Employees' Salary and Benefits Resolution effective March 7, 2017.

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

Upon roll call the following vote was had:

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

The President declared the resolution adopted.

**DISCUSSION REGARDING THE ABANDONMENT FROM
IMPROVEMENT DISTRICT**

Mike Kavarian, Water Distribution Department Manager, presented the staff report and said this is part of the Hughson Ditch and the property owner plans to develop the site and is asking to abandon his rights to the Improvement District.

Hearing no additional comments, the Board took the following action:

**RESOLUTION NO. 2017 - 20
RESOLUTION APPROVING ABANDONMENT
FROM IMPROVEMENT DISTRICT**

WHEREAS, the holders of title to land named in attached Exhibit A desires to abandon their rights in the improvement district within the Turlock Irrigation District and have signed Agreement to Abandon Use of Improvement District Facility, which agreement is incorporated into this resolution by reference.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Turlock Irrigation District, acting as trustees for the improvement district named in attached Exhibit A, do hereby approve the Agreement to Abandon Use of Improvement District Facility signed by the holders of title to land.

BE IT FURTHER RESOLVED that the Executive Secretary or Deputy Secretary of the Board of Directors is authorized and directed to sign the agreement on behalf of the District and to record said agreement with the appropriate County Recorder.

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

Upon roll call the following vote was had:

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

The President declared the resolution adopted.

**DISCUSSION REGARDING THE RESOLUTION SETTING
THE 2017 IRRIGATION SEASON**

Mike Kavarian, Water Distribution Department Manager, provided the staff report on setting the 2017 Irrigation Season. We are proposing to offer 48" per acre of water to customers this season, and to also provide replenishment water as needed. Normal year pricing will be utilized based on the schedule adopted in 2015. Customers are encouraged to flood irrigate, and garden head parcels will be delivered water every two weeks and charged \$350 for each parcel.

Questions from the Board included how garden heads were being charged, if online water ordering would be available, when the irrigation season would start, when water orders could be placed, and what information was available to customers online such as their water flow. Mr. Kavarian responded and there was discussion on each question. He noted that staff has taken 750 orders from customers and has been delivering water in response to these orders. Water distribution staff has been brought back and can move quickly or slow down depending on the need. He noted that the resolution being adopted allows for the flexibility to adjust the season depending on circumstances.

A member of the audience commended TID for providing irrigation water early, and asked why the District doesn't provide water through the winter. There is discussion out in the community that the aquifer is being depleted, so we should think about running down in the winter. Mr. Kavarian responded that it is difficult to do this because of the canal maintenance schedule. Since we cannot be sure what the weather will be, we do not want to run short in the summer months. We have run earlier irrigation in dry years, but cannot modify during the season because that is what has been approved.

Hearing no additional comments, the Board took the following action:

RESOLUTION NO. 2017 – 21

RESOLUTION SETTING THE 2017 IRRIGATION SEASON

WHEREAS, the Tuolumne River Watershed has received 200% of average precipitation for this date; and

WHEREAS, planned recharge in wet years, combined with strategic pumping in dry years is a water management practice that has been successfully implemented by the Turlock Irrigation District (District) for over a century.

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

1. The 2017 Irrigation Season shall begin on Thursday, March 30, 2017 and end on Wednesday, November 1, 2017.

2. Irrigation water shall be available for purchase using the Normal Year Water Rate Schedule, pursuant to Resolution 2015-1, adopted January 13, 2015.
3. The amount of water available for each acre of irrigated land during the 2017 Irrigation Season shall be 48 inches per acre.
4. Additional replenishment water will be available for those parcels needing more than 48 inches of water. This water will be billed at the appropriate tier.
5. Customers are strongly encouraged to flood irrigate to help replenish the groundwater aquifer.
6. Garden head parcels shall be delivered irrigation water once every two (2) weeks. The fixed water charge shall be \$350 for each garden head parcel.
7. All irrigated parcels are required to place water orders to receive irrigation water from the District.
8. Sidegates will be required to be closed when not in use.
9. Customers are required to order water on each parcel and sidegate combination.
10. The Water Distribution Department Manager may adjust the season, as necessary, due to weather conditions and crop requirements.

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

Upon roll call the following vote was had:

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

The President declared the resolution adopted.

**DISCUSSION REGARDING THE RESOLUTION APPROVING
REPLENISHMENT WATER AVAILABLE OUTSIDE THE TID SERVICE
AREA DURING THE 2017 IRRIGATION SEASON**

Mike Kavarian, Water Distribution Department Manager, advised that water can be provided to parcels outside the TID service area. The property owner will need to contact Customer Service, and water delivery will be subject to certain restrictions.

Hearing no additional comments, the Board took the following action:

RESOLUTION NO. 2017 – 22

**RESOLUTION APPROVING REPLENISHMENT WATER AVAILABLE OUTSIDE
TURLOCK IRRIGATION DISTRICT SERVICE AREA
DURING THE 2017 IRRIGATION SEASON**

WHEREAS, the Tuolumne River Watershed has received 200% of average precipitation for this date; and

WHEREAS, planned recharge in wet years, combined with strategic pumping in dry years is a water management practice that has been successfully implemented by the Turlock Irrigation District (District) for over a century.

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

1. Replenishment water shall be made available for sale during the 2017 Irrigation Season to lands outside the District's irrigation service area that are within the Turlock groundwater subbasin.
2. The cost for the replenishment water shall be at \$20.00 per acre-foot.
3. The Water Distribution Department Manager, Water Records Manager and the Water Operations Managers are hereby authorized to sign the Replenishment Water Agreement form on behalf of the District.
4. All irrigated parcels are required to place water orders to receive irrigation water from the District.

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

Upon roll call the following vote was had:

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

The President declared the resolution adopted.

**MOTION CANCELING THE TURLOCK IRRIGATION DISTRICT
REGULAR BOARD MEETING OF MARCH 28, 2017**

Moved by Director Santos, seconded by Director Macedo, that the regular meeting of the Board of Directors of the Turlock Irrigation District scheduled for March 28, 2017, be canceled.

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

RESOLUTION NO. 2017 - 23

**RESOLUTION DELEGATING AUTHORITY TO APPROVE
PAYMENT OF TURLOCK IRRIGATION DISTRICT
WARRANTS FROM MARCH 22 THROUGH MARCH 28, 2017**

WHEREAS, because the Board of Directors will not hold its regular meeting on March 28, 2017; 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 March 22 through March 28, 2017 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 April 4, 2017, 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 Fernandes, that the foregoing resolution be adopted.

Upon roll call the following vote was had:

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

The President declared the resolution adopted.

GENERAL MANAGERS REPORT

General Manager Casey Hashimoto had no new items to report.

BUSINESS OF THE BOARD

Director Fernandes reported on the Don Pedro Board of Control meeting he attended the previous week. He said that a lot of debris is sitting at the edge of the reservoir, and as the water level recedes, the debris is being removed. He noted that campground reservations have doubled when compared to last year.

MOTION TO ADJOURN TO CLOSED SESSION

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

1. Conference with Legal Counsel – Anticipated Litigation

California Government Code Section 54956.9(d)

Anticipated litigation: one potential case

- Michael Clipper, Risk & Investment Analyst
- Sara Lima, Assistant General Counsel

2. Conference with Legal Counsel – Anticipated Litigation

California Government Code Section 54956.9(d)

Anticipated litigation: one potential case

- Steve Boyd, Director of Water Resources & Regulatory Affairs
- Art Godwin, Legal Counsel

3. Public Employee Performance Evaluation

California Government Code section 54957(b)(1)

Title: General Manager

REPORT OF ACTION TAKEN IN CLOSED SESSION

The President reported the following action was taken in closed session:

Moved by Director Frantz, seconded by Director Macedo, that the claim of Catalina Garcia be approved in the requested amount of \$3,884.35. All voted in favor with none opposed.

MOTION TO ADJOURN

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

The President declared the motion carried.

Dorinda Soiseth

Deputy Secretary to the Board of Directors