AGENDA
Turlock Irrigation District
Board Room
Main Office Building
333 East Canal Drive
Turlock, California

REGULAR MEETING
Tuesday, September 25, 2018
9:00 a.m.

A. CALL TO ORDER

B. SALUTE TO THE FLAG

C. MOTION APPROVING CONSENT CALENDAR
   All matters listed hereunder will be acted upon by a single vote of the Board. There will be no
   individual discussion of these items unless a member of the Board or the public so requests, in
   which event the matter shall be removed from the Consent Calendar and considered as a
   separate agenda item.
   
   1. Approval of minutes of the special and regular meetings of September 11, 2018.
   3. Approval of Turlock Irrigation District warrants dated September 25, 2018.

D. PUBLIC COMMENT PERIOD
   Interested persons in the audience are welcome to introduce any topic within the District's
   jurisdiction. Matters presented under this heading may be discussed, but no action will be taken
   by the Board at this meeting.
E. WEEKLY UPDATES

1. Water Report
   - Olivia Cramer, Utility Analyst-Hydrology

2. Irrigation Update
   - Mike Kavarian, Water Distribution Department Manager

F. ACTION ITEMS

1. Resolution Authorizing Survey and Preparation of Charges for Proposed Assessment of Proposed Inclusion into Improvement District No. 05800, known as the West Gratton
   Consider adoption of a resolution and receipt of petition, authorizing the survey and preparation of charges to include Stanislaus County APN 019-034-034, containing 17.78 total acres, to be included into Improvement District No. 05800, known as the West Gratton, parcel owned by Jerry J. and Carol M. Shaug.
   - Mike Kavarian, Water Distribution Department Manager

G. GENERAL MANAGER’S REPORT

H. BUSINESS OF THE BOARD

I. MOTION TO ADJOURN TO CLOSED SESSION

1. Conference with Legal Counsel – Existing Litigation
   California Government Code Section 54956.9(a)
   Pritchard v. TID
   State of California, Division of Workers’ Compensation Appeals Board
   Case Number ADJ11197169
   - Jorian Reed, Director of Human Resources
   - Joe Barlupo, Legal Counsel

2. Conference with Legal Counsel – Anticipated Litigation
   California Government Code Section 54956.9(d)
   Anticipated litigation: one potential case
   - Art Godwin, Legal Counsel

J. REPORT OF ANY ACTION TAKEN IN CLOSED SESSION

K. WORKSHOP – GM CONFERENCE RM. 172

1. 2019 Capital Budget
   - Brian Stubbert, CFO/AGM Financial Services

L. MOTION TO ADJOURN

The next scheduled regular meeting is Tuesday, October 2, 2018 at 9:00 a.m.
MINUTES OF THE  
BOARD OF DIRECTORS SPECIAL MEETING  
OF THE TURLOCK IRRIGATION DISTRICT  

Turlock, California  
11 September 2018  

The meeting of the Board of Directors of the Turlock Irrigation District was called to order in special session at 8:00 a.m. on the 11th day of September 2018. 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.  

MOTION ADJOURNING TO CLOSED SESSION  

Moved by Director Frantz, seconded by Director Macedo, that the Board of Directors adjourn to closed session:  

1. Conference with Legal Counsel – Anticipated Litigation  
   California Government Code Section 54956.9(d)  
   Anticipated Litigation – one potential case  
   - Steve Boyd, Director of Water Resources and Regulatory Affairs  
   - Art Godwin, Legal Counsel (via teleconference)  
   - John Devine, Senior Vice President-HDR Consulting (via teleconference)  
   - Gordon Coffee, Winston & Strawn LLP (via teleconference)  
   - Kim Ognisty, Winston & Strawn LLP (via teleconference)  
   - John Whittaker, Winston & Strawn LLP (via teleconference)  

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

REPORT OF ACTION TAKEN IN CLOSED SESSION  

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

MOTION TO ADJOURN  

Moved by Director Macedo, seconded by Director Frantz, that the special meeting of the Board of Directors of the Turlock Irrigation District be adjourned.  

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

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Executive Secretary to the Board of Directors  
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MINUTES OF THE
BOARD OF DIRECTORS MEETING
OF THE TURLOCK IRRIGATION DISTRICT

Turlock, California
11 September 2018

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 11th day of September 2018. 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 Macedo, seconded by Director Frantz, that the consent calendar consisting of the following be approved:

A. Minutes of the regular meeting of August 28, 2018.
B. Demands against the District represented by check numbers 376744 to 377084, inclusive, in the amount of $7,231,804.16.

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

PUBLIC COMMENT PERIOD

There was none.

WEEKLY UPDATES

Energy Trader Wes Kellison reviewed operations for the week of August 31 through September 6. The daily system peak, including partial required sales, reached 533.9 megawatts on September 5. 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 19 percent. The Tuolumne Wind Project (TWP) generated 6,475 MWh’s during this time period at the Willis Substation, averaging at 28 percent of capacity. Natural gas prices at Pacific Gas & Electric Company’s Citygate were $3.16/mmBTU. Electric operations for this period show Walnut Energy Center was online; Boardman ran all week but had been reduced during light load hours as well as during COI de-rates; Almond ran seven days for economics and operations; Don Pedro Units 1 and 3 ran all week, Unit 2 was available, and Unit 4 remains out of service until November 1.
MOTION CANCELING THE TURLOCK IRRIGATION DISTRICT
REGULAR BOARD MEETING OF SEPTEMBER 18, 2018

Moved by Director Macedo, seconded by Director Santos, that the regular meeting of the Board of Directors of the Turlock Irrigation District scheduled for September 18, 2018, be canceled.

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

RESOLUTION NO. 2018 - 40

RESOLUTION DELEGATING AUTHORITY TO APPROVE PAYMENT OF TURLOCK IRRIGATION DISTRICT WARRANTS FROM SEPTEMBER 12 THROUGH SEPTEMBER 18, 2018

WHEREAS, because the Board of Directors will not hold its regular meeting on September 18, 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 September 12 through September 18, 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 September 25, 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 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.
GENERAL MANAGER’S REPORT

General Manager Casey Hashimoto had no new items to report.

BUSINESS OF THE BOARD

There was none.

MOTION TO ADJOURN TO CLOSED SESSION

Moved by Director Alamo, seconded by Director Frantz, 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
   - Steve Boyd, Director of Water Resources & Regulatory Affairs
   - Phil Govea, Civil Engineering Department Manager
   - Bill Penney, Associate Civil Engineer
   - Art Godwin, Legal Counsel (via teleconference)

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

REPORT OF ACTION TAKEN IN CLOSED SESSION

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

RELIABILITY WORKSHOP

AGM Power Supply Brad Koehn, AGM Electrical Engineering and Operations Manjot Gill and Energy Strategy Department Manager Amy Petersen presented a workshop on reliability as well as other constraints (or rules) that affect the District’s daily dispatch decisions. They reviewed several rules that can impact reliability such as operational limits on generation, water, legislative and regulatory constraints on renewables and emission costs, and contractual issues such as forward purchases or long term commitments. The team reviewed different drivers that affect reliability – transmission limitations, resource capability (generation and import), and then balancing these capabilities to meet demand. Each of the District’s generation facilities have several physical limitations that must be followed. Each have minimum and maximum loads, a ramping rate at which they can be changed, as well as start and shut down times. Temperature will also affect their output and many have a minimum run time before they can shut down. The Districts thermal plants have daily, monthly, and yearly emission limits and depending on which facility, some have fuel supply limitations. They noted that each of the District’s internal generation facilities have operational specifications sheets that governs how they are dispatched to meet load. Rules that impact water generation (Don Pedro) include scheduling limitations due to irrigation and river releases and Turlock Lake storage and Upper Main Canal limitations. Also, in certain times of the year, any additional river flows (even for a short period) could alter the District’s river releases schedule drastically. For the legislative and regulatory side, California legislation has put all energy providers on a path to 100 percent carbon free resources in the future. This will continue to have the District procure renewable power like the Tuolumne Wind Project
and the Solar purchased power agreements (PPAs) regardless of weather as the District needs these to meet current load. A good example of that is the Biomass PPA requirement that forced the District to procure 0.6 MWs of biomass energy regardless of need or economics. On the regulatory side, the District is required to purchase greenhouse gas allowances to emit carbon from our thermal fleet which does effect the economical dispatch of these units. Beyond economically dispatching energy to load at the lowest cost possible, a very important aspect is that the District continually seeks to optimize within these rules by reducing the constraints or costs, and increasing revenues while operating within the limits of our generation facilities.

MOTION TO ADJOURN

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

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

Executive Secretary to the Board of Directors
TO: Board of Directors

DATE: September 19, 2018

PREPARED BY: Carrie A. Kostecky

RE: Petition for Inclusion into Improvement District No. 05800

Action Requested

Receipt of Petition and adoption of a Resolution during the meeting of September 25, 2018, authorizing the survey and preparation of charges for proposed inclusion into Improvement District (ID) No. 05800, known as West Gratton.

Discussion

Attached is a petition to include Stanislaus County Assessor’s Parcel Number (APN) 019-034-034, containing 17.78 acres, parcel owned by Jerry J. and Carol M. Shaug, into ID No. 05800, known as West Gratton. Inclusion of this parcel will allow the owner to use the West Gratton to receive irrigation water from the UL 2.5 through Side Gate 02-04. A preliminary investigation shows that the improvement district facilities can support irrigating the parcel. The Report of Survey will detail this further.

In order for a parcel to use improvement district facilities, it must first be a member of that improvement district. This is a request for that membership.

The petition contains the following:

a) Statement of use,

b) Name of the owner including land into the improvement district,

c) Description of the land to be included into the improvement district,

d) Map of the improvement district, including the parcels to be included, and

e) Signature of the petitioner

Recommendation

Upon receipt of this petition, staff recommends the Board of Directors adopt a resolution directing a survey and preparation of charges for the proposed inclusion.

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RESOLUTION NO. 2018-

RESOLUTION AUTHORIZING SURVEY AND PREPARATION OF CHARGES FOR PROPOSED ASSESSMENT OF PROPOSED INCLUSION INTO IMPROVEMENT DISTRICT NO. 05800, KNOWN AS WEST GRATTON

WHEREAS, a petition for the inclusion of additional land into Improvement District No. 05800, 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 districts.

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 __________, seconded by Director __________, that the foregoing resolution be adopted.

Upon roll call the following vote was had:

Ayes: Directors  
Noes: Directors  
Absent: Directors

The President declared the resolution adopted.

I, Tami Wallenburg, Executive Secretary to the Board of Directors of the TURLOCK IRRIGATION DISTRICT, do hereby CERTIFY that the foregoing is a full, true and correct copy of a resolution duly adopted at a regular meeting of said Board of Directors held this 25th day of September, 2018.

______________________________
Executive Secretary to the Board of Directors of the Turlock Irrigation District
PETITION FOR THE INCLUSION OF LAND INTO IMPROVEMENT DISTRICT NO. 05800
WEST GRATTON

TO THE HONORABLE BOARD OF DIRECTORS OF THE TURLOCK IRRIGATION DISTRICT:

We, the undersigned petitioners, do hereby petition your Honorable Board of Directors for the inclusion of our land into Improvement District No. 05800, granting us the right to use the facilities of said Improvement District for the purpose of irrigation.

NAME AND ADDRESS OF ALL OWNERS OF INTEREST IN PROPERTY:

Jerry J. and Carol M. Shaug
P. O. Box 686
Denair, CA 95316

DESCRIPTION OF PARCEL TO BE INCLUDED:

The following described property in the unincorporated area of Denair, County of Stanislaus, State of California:

Parcel 1 of Parcel Map, in the County of Stanislaus, State of California, according to the Map thereof recorded December 28, 1973 in Book 18, Page 37 of Parcel Maps, in the Office of the County Recorder of said County.

APN: 019-034-034
(11225 Keyes Road, Denair, CA)

The entire improvement district and the parcel requesting inclusion are shown on the attached map.

It is understood and agreed that we are to pay the future assessments that may be levied by the Turlock Irrigation District Board of Directors for maintenance and operation of the improvement district facilities, as well as the Inclusion Fee and the cost of preparation of the Report of Survey for the proposal.

Signed this 29 day of 2018.

Jerry J. Shaug
Carol M. Shaug