



**AGENDA**  
**EMERGENCY BOARD MEETING**  
**Tuesday, January 22, 2019 – 11:00 AM.**  
District Board Room, Community Services Building  
33540 Loop Road, Kirkwood, CA 95646

---

Standish O'Grady, Treasurer  
Eric Richert, Vice President

**BOARD MEMBERS**  
Geoffrey Smith, President

Peter Dornbrook, Secretary  
Robert Epstein, Assistant Secretary

---

1) **CALL TO ORDER**

*President Smith*

2) **ROLL CALL**

*Secretary Dornbrook*

3) **ITEMS FOR BOARD ACTION**

**a) Declaration of Emergency – Out Valley T1 Line**

**b) Force Account Limit Waiver and Award of Contract T-1.**

4) **ADJOURNMENT**

The next Regular Board Meeting is scheduled for Saturday, February 9, 2019 at 8:00 a.m.

Dated: January 21, 2019

  
\_\_\_\_\_  
Kirkwood Meadows PUD  
Jessica Gillies, Clerk of the Board

The Kirkwood Meadows Public Utility District Board of Directors regularly meets the second Saturday of each month. A complete Agenda packet is available for review at the meeting and at the District office during the hours of 8:00 a.m. and 4:30 p.m. Monday through Friday. This meeting is recorded and broadcast over Volcano Community Channel 19 and on the internet at [www.kmpud.com](http://www.kmpud.com). Items on the Agenda are numbered for identification purposes only and will not necessarily be considered in the order in which they appear. Designated times are for particular items only. Public Hearings will not be called to order prior to the time specified, but may occur slightly later than the specified time.

Public participation is encouraged. Public comments on items appearing on the Agenda will be taken at the same time the Agenda items are heard; comments should be brief and directed to the specifics of the item being considered. Please provide the Clerk of the Board with a copy of all written materials presented at the meeting. Comments on items not on the Agenda can be heard during "Comments from the Audience"; however, action cannot be taken on items not on the Agenda.

Backup materials relating to an open session item on this Agenda, which are not included with the Board packet, will be made available for public inspection at the same time they are distributed or made available to the Board, and can be viewed at the District office, at the Board meeting and upon request to the Clerk of the Board.

In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact the District at (209) 258-4444, by email at [jgillies@kmpud.com](mailto:jgillies@kmpud.com). Requests must be made as early as possible, and at least two business days before the meeting.

---

# STAFF REPORT

## OUT VALLY T1 LINE

### Requested Action:

That the Board find that the damage to the Out Valley T1 line is an emergency that creates sudden, unexpected occurrence that poses a clear and imminent danger, requiring immediate action to prevent or mitigate the loss or impairment of life, health, property, or essential public services.

That the Board further find that it is necessary to waive the California Public Contract Code force account threshold of \$10,000 to perform the necessary repairs.

### Background:

The District owns and operates a fiber telecommunications line (T-1 line) as part of the Out-Valley transmission system. This line consists of six pairs of fibers, three of which are in use – for PG&E high speed protection relays, for the communication system between KM Green and KM Blue and between the CAISO and the meter at KM Green, and for the District high speed protection relays. The remaining three pairs are spares.

On January 4<sup>th</sup> the District high speed protection went down. Edge Communications was contacted and tested the line January 8<sup>th</sup>. At that time, one in-use pair and two spare pairs of the fiber line were found to be broken at a distance consistent with the Silver Lake Bridge. In addition, abnormalities on the unbroken lines were noted in the location of the Silver Lake Bridge and the Bear River Reservoir bridge crossing.

After another set of storms and subsequent freezing weather, additional breaks occurred: On January 17<sup>th</sup>, PG&E informed us that the PG&E high speed protection was down. Then on January 18<sup>th</sup>, we received notice the CAISO meter communication went down.

In accordance with the CAISO Tariff, repair of the CAISO communication line is required within 15 days. Failure to repair may result in decertification of the meter(s) or revocation of the Certificate of Compliance. The PG&E high speed protection is a requirement of our Interconnection Agreement, though no specific timeline for repair is stated.

Several previous outages at the bridge crossings have occurred. A summary of these outages and costs is shown below.

---

<b>Date</b>	<b>Location of Repair</b>	<b>Cost</b>
March 2015	Silver Lake Bridge	\$4,650
November 2015	Bear River Reservoir Bridge	\$8,470
November 2016	Silver Lake Bridge	\$15,225

Due to the multiple failures of the fiber line at the two bridge crossings, a project was completed in the summer of 2017 to install drainage lines on the conduit on either side of both bridges. No issues occurred during the 2017-2018 winter.

In order to repair the current break, Edge proposes to replace the known faulted line at Silver Lake Bridge crossing and then evaluate the abnormalities at Bear River Reservoir. If the abnormalities are minor, the replacement of the line at that bridge crossing may be able to be delayed until spring. Edge is available to replace the line at Silver Lake on January 24<sup>th</sup> and 25<sup>th</sup>, however significant snow removal will be needed to access the vaults. Edge is evaluating its equipment and staff to determine if they will be able to offer this service, otherwise District staff and equipment will be used to do the snow removal, which may cause a delay in repair.

**Alternatives:**

Request additional time from Cal-ISO to prepare bid documents, bid the project, and perform the repairs.

**Prepared By:**

GM Christeson