

TLine Incident Alert



Incident:	Unplanned Outage
LOB:	Electric Operations- Transmission
Incident Description:	<p>Event Description</p> <p>On June 1, 2022, at approximately 1515 hours, A five-man Contract TLine crew was tasked with replacing pole number 00/01 on the Vaca-Dixon #2 60kV circuit. Once the new pole was set next to the existing pole, each phase was moved from the existing pole to the new pole. The circuit was grounded on both sides of the pole at the work location as well as one span away at pole 00/02.</p> <p>Once all three phases were caught off in dead-ends, the crew removed rigging and started installing jumpers. When the employees working on the center phase twisted the dead-end shoe to point the tail up to be connected to the jumper, the phase came free from the pole landing on the energized substation buss approximately one hundred-fifty feet to the west. This resulted in an unplanned outage.</p> <p>Upon initial inspection, it was determined that the ball hook that was fully seated and pinned failed due to a faulty cotter pin configuration. The cotter pin was still in the socket ball link that was suspended in the air and the ball hook was laying on the ground.</p> <p>There were no injuries as a result of this incident.</p>



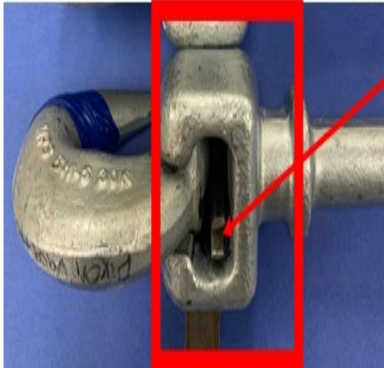
TLine Incident Alert



MacLean Socket Ball Link-
Video

Safety Advisory



Topic:	MacLean Socket ball Link_ Faulty Cotter Pin (Key)
LOB:	PG&E: Electric Operations Employees & Contractors
Initial Learnings:	<p>1.The post-incident examination and testing of the socket ball link and cotter pin at PG&E's ATS facility revealed that the cotter pine tines were not fully spread.</p> <p>2. After further analyses of several socket links and cotter pines, we have determined that MacLean socket ball link (material code 18-0189) may have faulty cotter pin configurations when distributed from the manufacture.</p> <div data-bbox="311 565 697 936">  </div> <div data-bbox="768 549 935 707"> <p>Cotter Pin Tines Not Fully Spread</p> </div>

Actions to Take:	<p>Actions:</p> <ol style="list-style-type: none"> 1. Inspect current inventory of Maclean socket ball links and remove faulty, suspect links that do not have the cotter pin fully spread. 2. All suspect MacLean socket ball links shall be removed from service and boxed up. Please contact Tyler Gayski (707) 485-4972, TBG2@PGE.com to arrange pick up. In addition, please email Tyler Gayski with current inventory of MacLean socket ball links (provide details of how many suspect socket ball links) 3. IF, available, please utilize one of our other manufactures such as Hubble or Lindsley. 4. As always, ensure a detailed inspection of all equipment is preformed prior to engaging work, this includes equipment in service. 5. Communicate this Safety Advisory to all PG&E Electric Operations Employees & Contractors.
Contact:	Tyler Gayski, Supervisor TLine Safety (TBG2)



5/18/2022 – MGE – Dig-In – San Jose – Ryan Smith



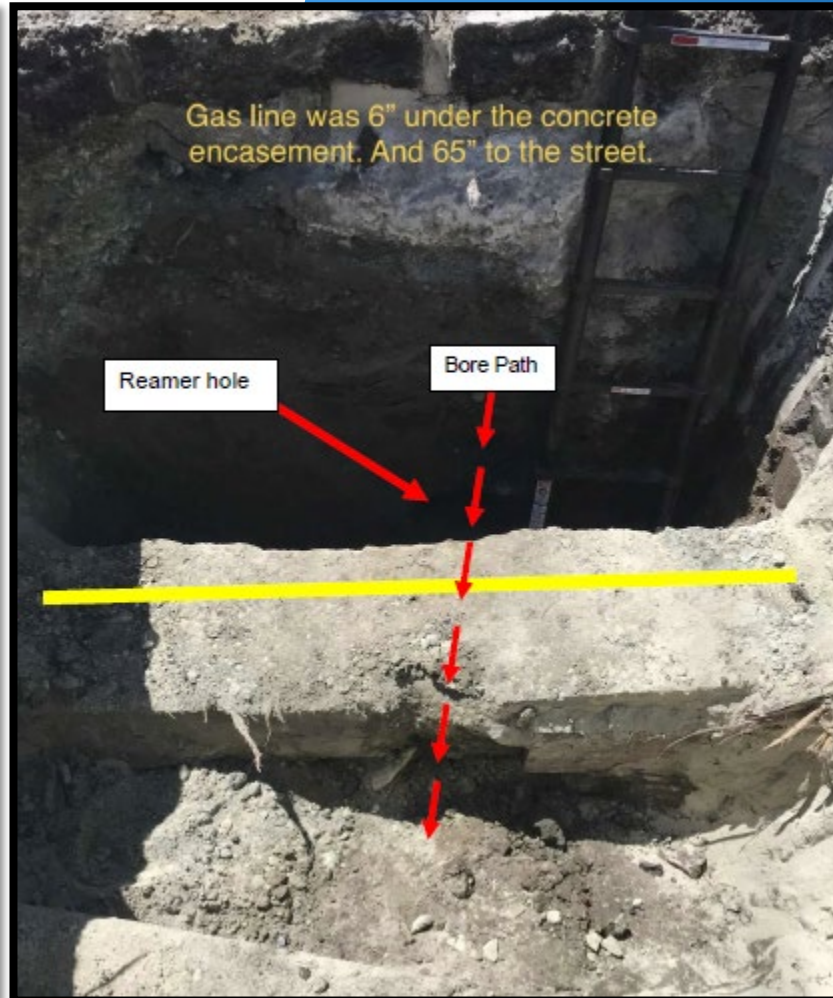
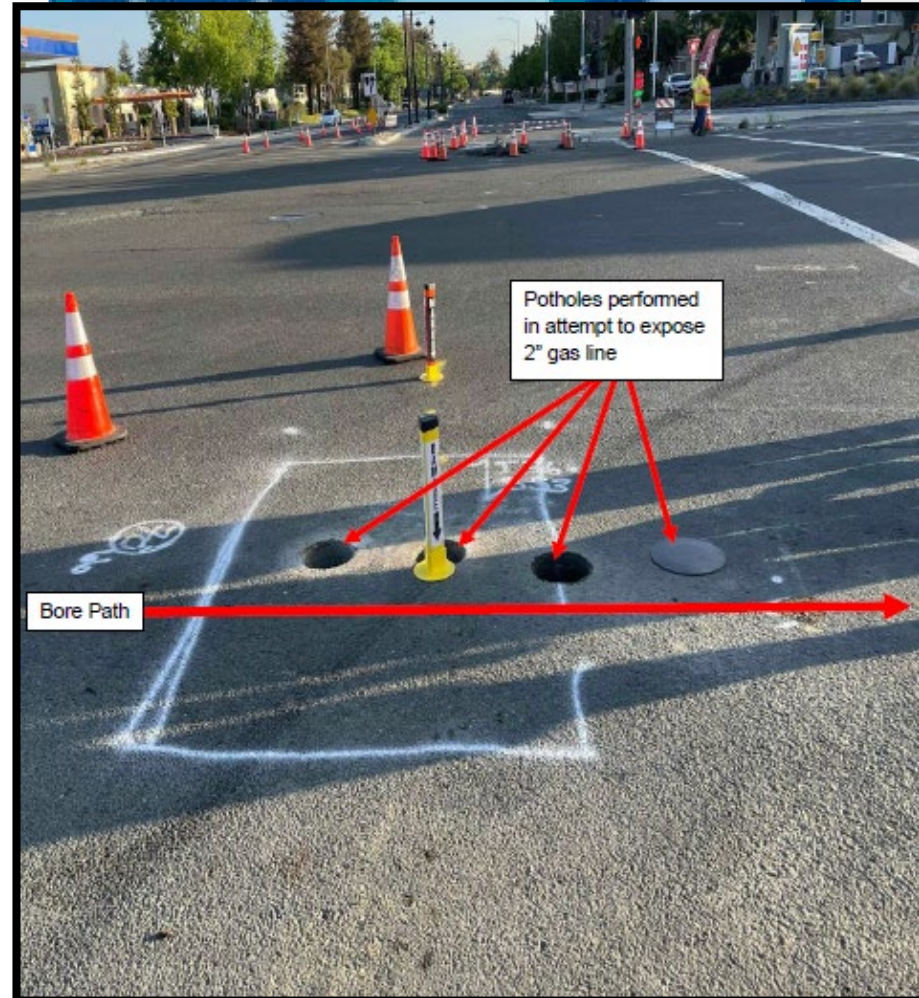


5/18/2022 – MGE – Dig-In – San Jose – Ryan Smith



An MGE Underground civil crew was in the process of horizontal directional drilling a location in San Jose when, during the pre-reaming process, a subsurface gas installation was struck, damaged, and ruptured. The location is USA'd and was potholed. While potholing the marks placed by the gas facility locator, the pothole crew discovered a concrete encasement. Numerous attempts of potholing periphery and belly of the encasement were made, and the crew never did locate the gas facility. No attempts were made to contact the gas facility operator for more information, nor was the approximate location verified, the crew made the fateful assumption that the subsurface gas installation was in the concrete encasement. This assumption quickly unraveled when they discovered the gas line during the pre-reaming process – ultimately causing significant damage to the gas facility.

5/18/2022 – MGE – Dig-In – San Jose – Ryan Smith





Stock photo of JT30 used when dig-in occurred

Below - 16" Borzall Tornado Reamer – component that contacted the 2" steel gas line





5/11/2022 – EPC – EQUIP Failure – Sebastopol – Jim Saling





5/11/2022 – EPC – EQUIP Failure – Sebastopol – Jim Saling

Crew was replacing a pole on a cleared and grounded radial tap line. While the crew was transferring conductor, a full tension splice about ten feet out from the source side, and 438' away from the crew work location, failed and pulled apart. This resulted in the conductors on the take-off pole slapping together and caused an unplanned sustained outage, no damage to main line conductor, all repairs were made on the main line tap, A PG&E Troublemaker then restored all of the unplanned outage customers affected. Per the PG&E inspector, the outage was 30 to 40 minutes in duration.





5/11/2022 – EPC – EQUIP Failure – Sebastopol – Jim Saling



EDISON
POWER CONSTRUCTORS
A PLH GROUP COMPANY





5/20/2022 – Alvah – Injury – Berkeley – Kody McDonald



Alvah Contracting, LLC



5/20/2022 – Alvah – Injury – Berkeley – Kody McDonald



Alvah Contracting, LLC

An Alvah 4-man crew was working on a reconductor project in Berkeley, CA to replace a pole, and were in the process of filling and tamping around the perimeter of the pole to achieve compaction. The crew member operating the tamper was holding the tamp at the point of connection between the tamp and hydraulic whip hose as he was tamping a lift that was approximately 5 ft deep around the base of the pole. The lineman was wearing his leather work gloves, as well as all necessary PPE. While using the hydraulic tamp, one of the hydraulic hoses blew and hydraulic fluid injected through his glove and into his right index finger.

The crew immediately stopped work to render first aid and handle the incident as required.

The employee was taken to the emergency room for assessment and was admitted for observation. A doctor assessed the employee and made a small incision to ensure that his hand was free from infection and clean the area as necessary. The incision was then closed with stitches and employee was released to full duty. A follow up visit was scheduled for Thursday 5/26/22, to remove stitches and make a final assessment. Employee is currently working at full duty with no complications.

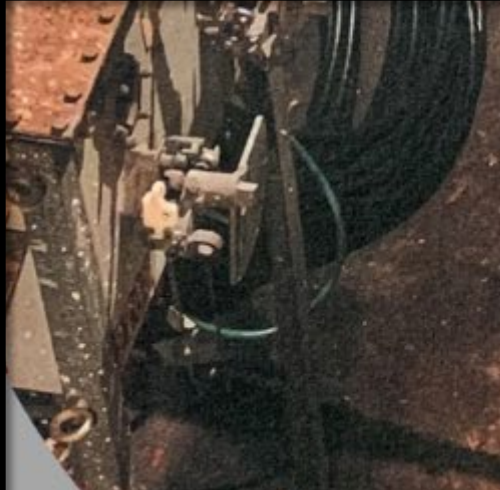




Plastic Spiral Wrap



Kevlar Sleeve/Hose Protector





5/13/2022 – INTREN – Good Catch – Plymouth – Aaron Meeke



LEADING > CHANGE



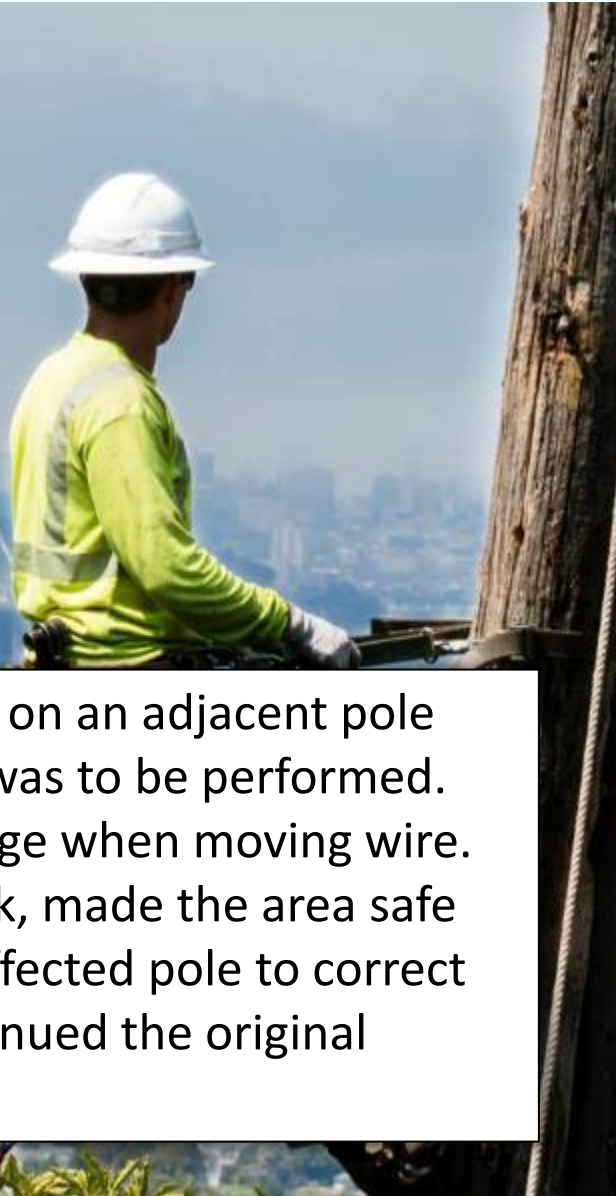


5/13/2022 – INTREN – Good Catch – Plymouth – Aaron Meeke



LEADING > CHANGE

Crew noticed a broken Cross Arm on an adjacent pole from where the scheduled work was to be performed. The risk was possible wire breakage when moving wire. The crew stopped scheduled work, made the area safe and proceeded to re-frame the affected pole to correct the issue and then the crew continued the original scheduled work.




Outperforming. Everyday.

Good Catch Reporting

Date: 5-13-22
Time: 14:35

Use this form to report Good Catches that had the potential to cause harm or damage to INTREN employees, property, the environment, or community. Good Catches help empower us to improve our Safety programs, by creating an incident and injury free work environment.

General Foreman: [REDACTED]
Foreman: [REDACTED]
Inspector & Number: [REDACTED]

Potential Severity: High ☐ Medium ☒ Low ☐

Job #: [REDACTED]
Job Location / Address: Where? 10861 Shenandoah Rd

Describe the "Good Catch": What? Crew noticed broke arm on adjacent structure to where work was being done.

What was the potential risk: Hazard? While moving wire ~~off~~ onto new taller pole, could break arm and drop wire.

Contributing factors of good catch: Why? Was brought up in tailboard to inspect adjacent structures.

Action taken: Crew stopped work at current location, made area safe, and then went adjacent structure and reframed top of pole to make safe to complete original job.

Potential for reoccurrence: Yes ☒ No ☐



5/13/2022 – INTREN – Good Catch – Plymouth – Aaron Meeke



LEADING > CHANGE



2.15 Setting or Removing Poles

- (a) All persons not engaged in pole setting operations shall be kept out of the work area.
- (b) No one shall be allowed on a gin pole when it is being used to raise another pole.
- (c) When setting or removing poles between or near exposed energized conductors where danger of contact with conductors or equipment may exist:
 - (1)
 - i. Ground wires, guy wires or metallic hardware running the length of the pole shall not be attached to the pole.
 - ii. The conductors shall be spread to minimize accidental contact or covered with approved protective devices or the pole shall be covered with an approved guard or the conductors shall be de-energized.
 - (2) All personnel who may handle the butt of the pole shall wear approved rubber gloves and sleeves rated for the nominal voltage of the line whether or not cant hooks or slings are used.
- (d) No one shall step on or off the truck or vehicle or touch any part of the truck or associated equipment from the ground, while the pole is being set, or until it is secured in such a manner that it could not possibly come in contact with energized conductors or apparatus.
- (e) Guy ropes may be used to control the pole.

<i>WAGE RATES EFFECTIVE</i>					
<i>JUNE 1st, 2022</i>	<i>Wages</i>	<i>NEBF 3%</i>	<i>LINECO</i>	<i>HRA</i>	<i>NEAP</i>
Classification					
Journeyman Lineman	\$64.40	\$1.93	\$7.00	\$1.00	\$12.33
General Foreman	\$77.28	\$2.32	\$7.00	\$1.00	\$13.29
Cable Splicer Foreman	\$70.80	\$2.12	\$7.00	\$1.00	\$12.81
Foreman	\$70.80	\$2.12	\$7.00	\$1.00	\$12.81
1 Cable Splicer	\$64.40	\$1.93	\$7.00	\$1.00	\$12.33
Line Equipment Man	\$50.00	\$1.50	\$7.00	\$1.00	\$11.55
Groundman	\$38.23	\$1.15	\$7.00	\$1.00	\$11.55
Powderman	\$55.90	\$1.68	\$7.00	\$1.00	\$11.59
Fabricator Tech	\$47.50	\$1.43	\$7.00	\$1.00	\$7.50
Fabricator Tech Trainee (0-2000 hrs)	\$43.98	\$1.32	\$7.00	\$1.00	\$7.47
Lineman-Welding	\$67.57	\$2.03	\$7.00	\$1.00	\$12.57

Apprentices

Apprentice 1st Period 60% of J/L	\$38.64	\$1.16	\$7.00	\$1.00	\$11.55
Apprentice 2nd - Period 65% of J/L	\$41.86	\$1.26	\$7.00	\$1.00	\$11.55
Apprentice 3rd - Period 70% of J/L	\$45.08	\$1.35	\$7.00	\$1.00	\$11.55
Apprentice 4th -Period 75% of J/L	\$48.30	\$1.45	\$7.00	\$1.00	\$11.55
Apprentice 5th - Period 80% of J/L	\$51.52	\$1.55	\$7.00	\$1.00	\$11.55
Apprentice 6th -Period 85% of J/L	\$54.74	\$1.64	\$7.00	\$1.00	\$11.55
Apprentice 7th - Period 90% of J/L	\$57.96	\$1.74	\$7.00	\$1.00	\$11.55