

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



July 6, 2015

EA2015-06

Craig Gildea
Electrical Supervisor
City of Lompoc Electric
1300 W. Laurel Avenue
Lompoc, California 93438

SUBJECT: Audit of the City of Lompoc Electric

Dear Mr. Gildea:

On behalf of the Electric Safety and Reliability Branch (ESRB) of the California Public Utilities Commission, Ivan Garcia of my staff conducted an electric audit of the City of Lompoc from April 28 to 30, 2015. The audit included a review of Lompoc Electric's records and field inspections of Lompoc Electric's facilities.

During the audit, we identified violations of one or more General Orders. A copy of the audit findings itemizing the violations is enclosed. Please advise me no later than August 10, 2015, by electronic or hard copy, of all corrective measures taken by the City of Lompoc to remedy and prevent such violations.

If you have any questions concerning this audit please contact Ivan Garcia at (916) 928-5875 or iag@cpuc.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Fadi Daye".

Fadi Daye, P.E.
Program and Project Supervisor
Electric Safety and Reliability Branch
Safety and Enforcement Division
California Public Utilities Commission

Enclosure: Audit Findings

Cc:

Elizaveta Malashenko, Director, Safety and Enforcement Division
Charlotte F. TerKeurst, Program Manager, Electric Safety and Reliability Branch
Alok Kumar, Senior Utilities Engineer, Supervisor, CPUC
Ivan Garcia, Utilities Engineer, CPUC

AUDIT FINDINGS

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| A. | Location: | City of Lompoc Electric |
| | Date Visited by CPUC: | 4/27/2015 – 4/30/2015 |
| | Explanation of Violation(s): | |
| | <u>No Annual Reports Submitted</u> | |
| | <p>GO 165, Section III-D, – Reporting, states in part:</p> <p style="text-align: center;"><i>By July 1st each utility subject to this General Order shall submit an annual report for the previous year under penalty of perjury. The report shall list four categorical types of inspections: Patrols, Overhead Detailed, Underground Detailed and Wood Pole Intrusive. The report shall denote the total units of work by inspection type for the reporting period and the number of outstanding (not completed) inspections within the same reporting period for each of the four categories. .</i></p> <p>The City of Lompoc Electric has not submitted any annual reports to the CPUC.</p> | |

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| B. | Location: | City of Lompoc Electric |
| | Date Visited by CPUC: | 4/27/2015 – 4/30/2015 |
| | <p>Explanation of Violation(s):</p> <p><u>No Prioritization on Work Orders</u></p> <p>GO 95, Rule 18-A(2)(a) Resolution of Safety Hazards and General Order 95 Nonconformances, states in part:</p> <p><i>All companies shall establish an auditable maintenance program for their facilities and lines. All companies must include a timeline for corrective actions to be taken following the identification of a Safety Hazard or nonconformances with General Order 95 on the company's facilities.</i></p> <p><i>The auditable maintenance program shall prioritize corrective actions consistent with the priority levels set forth below and based on the following factors, as appropriate:</i></p> <ul style="list-style-type: none"> • <i>Safety and reliability as specified in the priority levels below;</i> • <i>Type of facility or equipment;</i> • <i>Location, including whether the Safety Hazard or nonconformance is located in an Extreme or Very High Fire Threat Zone in Southern California;</i> • <i>Accessibility;</i> • <i>Climate;</i> • <i>Direct or potential impact on operations, customers, electrical company workers, communications workers, and the general public.</i> <p><i>There shall be 3 priority levels.</i></p> <p>(i) <i>Level 1:</i></p> <ul style="list-style-type: none"> • <i>Immediate safety and/or reliability risk with high probability for significant impact.</i> • <i>Take action immediately, either by fully repairing the condition, or by temporarily repairing and reclassifying the condition to a lower priority</i> <p>(ii) <i>Level 2:</i></p> <ul style="list-style-type: none"> • <i>Variable (non-immediate high to low) safety and/or reliability risk.</i> • <i>Take action to correct within specified time period (fully repair, or by temporarily repairing and reclassifying the condition to a lower priority).</i> | |

Time period for correction to be determined at the time of identification by a qualified company representative but not to exceed: (1) 12 months for nonconformances that compromise worker safety, (2) 12 months for nonconformances that create a fire risk and are located in an Extreme or Very High Fire Threat Zone in Southern California, and (3) 59 months for all other Level 2 nonconformances.

(iii) Level 3:

- *Acceptable safety and/or reliability risk.*
- *Take action (re-inspect, re-evaluate, or repair) as appropriate.*

The City of Lompoc Electric does not have an auditable maintenance program where corrective actions for nonconformances are completed based upon the prioritization set forth in this rule.

ESRB Engineers identified the following violations during the field inspection that were not documented and/or addressed by the City of Lompoc Electric during its last detailed inspection as required by General Order 165:

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| C. | Location: | Alley behind 908 W. Oak Ave, Lompoc |
| | Pole No.: | A-4946-LLW |
| | Previous Visit by City of Lompoc Electric: | 1/13/2015 |
| | Date Visited by CPUC: | 4/30/2015 |
| Explanation of Violation(s): | | |
| <p><u>Exposed Ground</u></p> <p>GO 95, Rule 54.6B , Ground Wires, states in part:</p> <p style="text-align: center;"><i>Ground Wires of supply circuits must be protected by suitable covering and be in good repair throughout their length.</i></p> <p>The ground wire attached to the pole was exposed.</p> | | |

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| D. | Location: | Highway 246, River Park, Lompoc |
| | Equipment No.: | T-1128 |
| | Previous Visit by City of Lompoc Electric: | 4/15/2015 |
| | Date Visited by CPUC: | 4/30/2015 |
| Explanation of Violation(s): | | |
| <u>Underground Transformer Enclosure Missing Company ID</u> | | |
| GO 128, Rule 17.8, Identification of Manholes, Handholes, Subsurface and Self-contained Surface-mounted Equipment Enclosures states: | | |
| <p><i>Manholes, handholes, subsurface and self-contained surface-mounted equipment enclosures shall be marked as to ownership to facilitate identification by persons authorized to work therein and by other persons performing work in their vicinity.</i></p> | | |
| The underground transformer enclosure at this location was not marked as to ownership. | | |

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| E. | Location: | Intersection of College Dr. and alley between 4 th and 5 th streets |
| | Pole No.: | A-4747-LLW |
| | Previous Visit by City of Lompoc Electric: | 4/15/2015 |
| | Date Visited by CPUC: | 4/30/2015 |
| Explanation of Violation(s): | | |
| <u>Secondary Down Guy in Contact with Comcast Cable</u> | | |
| GO 95, Rule 56.4-C4, Clearances From Conductors Passing on Same Poles states in part: | | |
| <p><i>The radial clearances between guys and conductors supported by or attached to the same poles or cross arms shall not be less than 3 inches from communication conductors.</i></p> | | |
| The down guy wire at the secondary level of the pole was in contact with a Comcast cable. | | |

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| F. | Location: | 100 Civic Center Plaza, Lompoc |
| | Equipment No.: | T2503 |
| | Previous Visit by City of Lompoc Electric: | 1/15/2015 |
| | Date Visited by CPUC: | 4/30/2015 |
| Explanation of Violation(s): | | |
| <p data-bbox="240 625 699 657"><u>Padmount Transformer Oil Leak</u></p> <p data-bbox="240 695 1078 726">GO 128, Rule 17.1 Design, Construction and Maintenance states:</p> <p data-bbox="334 768 1321 915"><i>“Electrical supply and communication systems shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to enable the furnishing of safe, proper, and adequate service.”</i></p> <p data-bbox="240 957 1354 1014">The padmount transformer showed signs of an oil leak at the base of the padmount and around the elbows.</p> | | |