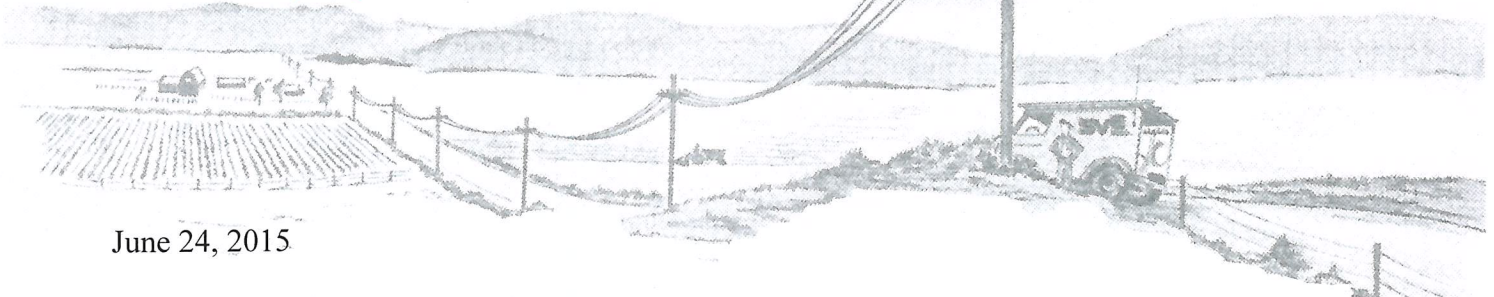




**SURPRISE VALLEY  
ELECTRIFICATION CORP.**

516 U.S. HWY 395E  
PHONE (530) 233-3511

ALTURAS, CA 96101  
FAX (530) 233-2190



June 24, 2015

Raymond Cho  
Safety and Enforcement Division  
California Public Utilities Commission  
505 Van Ness Ave.  
San Francisco, CA 94102

Subject: General Orders 174 & 165 Annual Report

Dear Mr. Cho,

Included is Surprise Valley Electrification Corp.'s inspection program summary report. If you have any questions or need further information, please contact Dennis Reed, Operations Manager and Line Superintendent, at (530)233-3511.

Sincerely,

Dennis Reed  
Operations Manager  
Line Superintendent  
Surprise Valley Electrification Corp.

Surprise Valley Electrification Corp  
516 US Hwy 395E  
Alturas, CA 96101  
(530)233-3511

June 24, 2015

## **General Order 174 Annual Report 2014/15**

### **Inspection Program Summary**

- Surprise Valley Electric has made no changes to its inspection program since previously filing.

### **Summary Report**

- Adin Substation:  
5/18/15: CØ regulator lagging  
5/18/15: readjusted CØ regulator to 122 to correct the low lagging voltage
- Alturas Switchyard  
No current issues found
- Bieber Substation  
7/17/14: weeds in sub  
7/17/14: pulled weeds and cleaned substation debris
- Brockman Substation  
10/22/14: BØ neutral light out on regulator  
10/22/14: replaced neutral light on BØ regulator
- Canby Substation  
No current issues found
- Canyon Creek Substation  
11/19/14: need to replace battery on east circuit (form 4C).  
1/16/15: replaced battery on eat circuit (form 4C).
- Cedarville Substation  
7/16/14: BØ regulator stuck on neutral  
7/16/14: fixed BØ regulator, replaced panel  
1/14/15: AØ regulator neutral light out  
1/14/15: fixed AØ regulator neutral light
- Davis Creek Substation  
No current issues found

- Eagleville Substation
  - 11/20/14: AØ regulator not working correctly
  - 11/20/14: replaced AØ regulator control panel
  - 2/26/15: AØ regulator still not working correctly
  - 2/26/15: replaced AØ regulator with temp. regulator
  - 5/18/15: replaced temp. AØ regulator with new 333KV/regulator
  
- Fort Bidwell Substation
  - 2/25/15: station transformer has slight leak at drain valve
  - 3/26/15: tightened fittings and fixed leak
  
- Lake City Substation
  - 3/26/15: AØ regulator neutral light is out
  - 3/26/15: replaced bulb in AØ regulator neutral light
  
- Likely Substation
  - No current issues found
  
- Lookout Substation
  - 8/19/14: battery bad on south circuit RXE
  - 8/19/14: replaced battery on south circuit RXE
  
- Modoc Substation
  - No current issues found
  
- Steamboat Substation
  - 11/20/14: bad battery on south circuit RXE
  - 11/20/14: changed battery on south circuit RXE
  - 12/29/14: bad neutral light on CØ regulator
  - 12/29/14: replaced CØ regulator neutral light
  - 1/16/15: broken jumper on 60 bay, have temp. jumper pin in place

\*\*All of the above listed substations had vegetation control and abatement done June 1, 2014 through July 30<sup>th</sup>, 2014.

**Reporting Period**  
**Surprise Valley Electric by Circuit**

<b>Patrol's</b>	<b>July 1, 2014-July 1, 2015</b>	<b>July 1, 2012-July 1, 2015</b>	<b>Outstanding</b>
	<b>100%</b>	<b>0%</b>	
OH Detailed	6%	36%	0%
UG Detailed "By Structure" Total = 580	0%	11%	0%
Wood Pole Intrusive	Did Not Do	Did Not Do	Did Not Do

**Patrols**

On the weeks of 3-15-15 through 4-10-15, we patrolled all of our overhead and underground structures while connecting our irrigation pumps.

**Overhead Detailed In's**

We have done detailed inspections on our Canyon Creek sub, south circuits (Cal Pines) Map #2-H-6. We have done detailed inspections on our Canby sub, west circuit Map #2G-5, and have inspected a remote section of our Brockman sub, south circuit (Horse Lake) Map #2-R-7-2-R-8-2-S-8 (6%).

**Underground Detailed In's**

We have not done any detailed inspections this reporting period.

**Wood Pole Intrusive**

We have not done any intrusive inspections this reporting period.

Thanks,  
Dennis Reed  
Line Superintendent

# Surprise Valley Electrification Corp. Sub Stations & Circuits in California

**Alturas "Switch Yard"**

South  
West

**Bieber "Sub"**

West  
South  
North

Jun-13  
Jun-13  
Jun-13

**Canyon Creek "Sub"**

West  
South

Sep-14

**Lookout "Sub"**

South  
West  
East

Jan-13  
Jan-13  
Jan-13

**Modoc "Sub"**

North  
South

Feb-14

**Adin "Sub"**

West  
East  
South

**Canby "Sub"**

East  
West

Oct-14

**Cedarville "Sub"**

North  
South

**Brockman "Sub"**

North  
South

Sep-14

**Steamboat "Sub"**

North  
South

**Lake City "Sub"**

North  
South

**Eagleville "Sub"**

North  
South

**Fort Bidwell "Sub"**

North  
South

**Davis Creek "Sub"**

North  
South

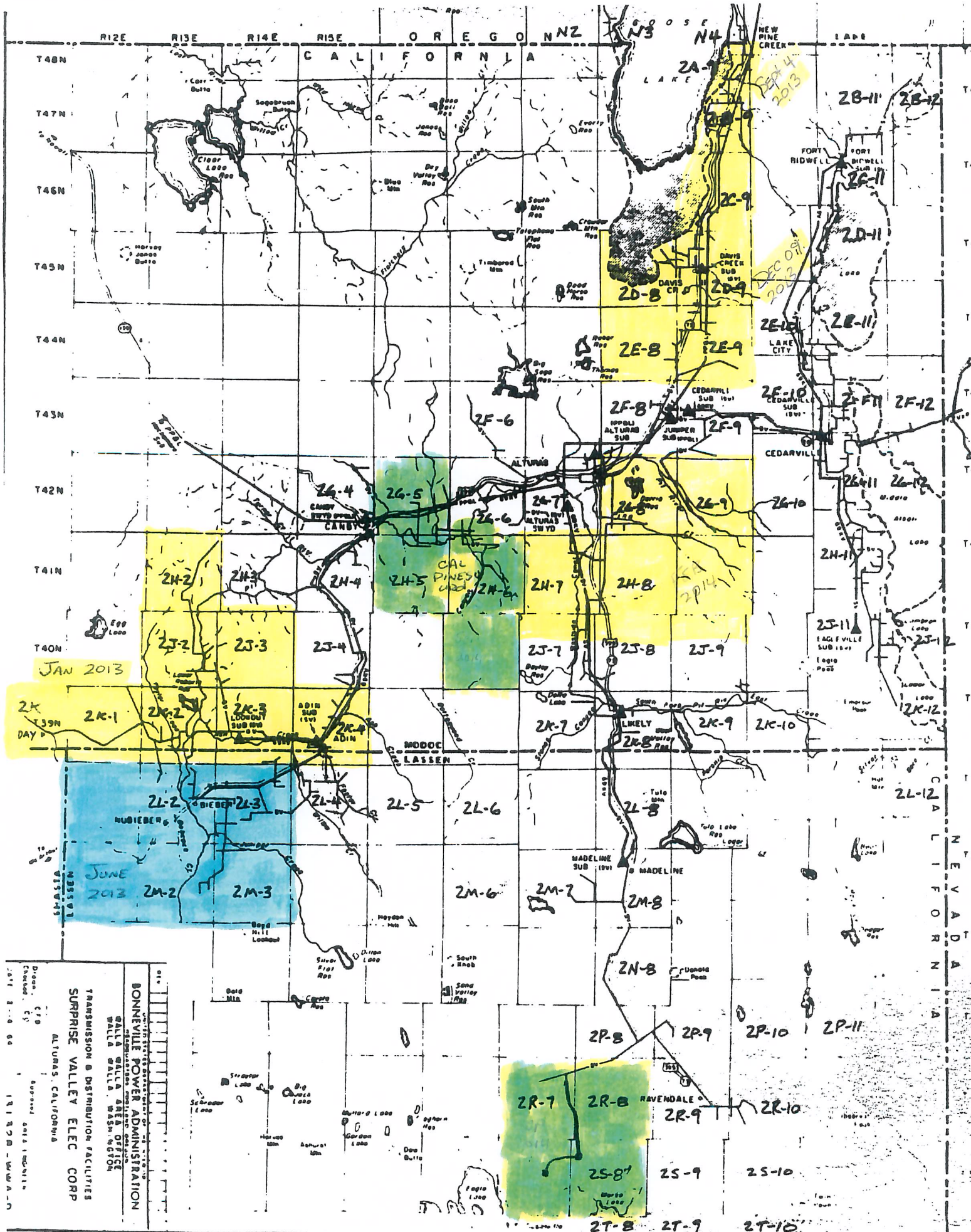
Sep-13  
Dec-13

**Likely "Sub"**

North  
South



# California Systems MAP



**BONNEVILLE POWER ADMINISTRATION**  
 TRANSMISSION FACILITIES DESIGN  
 SALLA SALLA, AREA OFFICE  
 SALLA SALLA, DESIGN SECTION  
 TRANSMISSION & DISTRIBUTION FACILITIES  
 SURPRISE VALLEY ELEC CORP  
 ALTURAS, CALIFORNIA  
 Design: CFB  
 Checked: CFB  
 Date: 2011-08-08  
 131 328 - WWA-U