

## City of Colton Power Reliability Program 2013 – 2014

City of Colton Electric Department (CED) started a Power Reliability Program for electric distribution facilities. The Power Reliability Program involves inspecting and maintaining underground conductors and wood poles. CED has over 4,000 wood poles and over 169 miles of distribution lines. This program will help provide a reliable system for ensuring continued energy to customers.

CED currently inspects approximately 1,200 to 1,300 poles per year with the help from Osmose Utilities Services, Inc. Osmose provides a variety of inspections, maintenance, and rehabilitation services to electric and telecommunications utilities.

The tables below show the amount of poles and distribution lines that were inspected in Fiscal Year 2013 – 2014.

### **WOOD POLES INSPECTED:**

<b>Action:</b>	<b>Number of Poles:</b>	<b>Outcome:</b>
Poles Inspected	1,274	
Poles Replaced*	101	Poles were replaced due to reports received from Osmose and/or CED employee's inspected.
Poles Removed	7	Poles removed due to changing from an overhead to underground system.

\*Instances where poles need to be replaced can be due to age, deterioration, termites, etc.

### **UNDERGROUND DISTRIBUTION SYSTEM:**

<b>Action:</b>	<b>Miles:</b>	<b>Outcome:</b>
Underground Cable Replaced	21.6	Cable was replaced due to age, cause of outage, or inspection.
Underground Cable Installed	3	Amount of cable installed due to new construction in the city.
Total Underground Cable	91.1	

