



CITY OF BANNING ELECTRIC UTILITY

GENERAL ORDER NO. 165 & NO. 174

2013 ANNUAL REPORTS

CITY OF BANNING ELECTRIC UTILITY 2013 GENERAL ORDER 165 PROGRAM

In 2013, City of Banning Electric Utility completed 10 circuit patrols, 162 detailed inspections, 0 intrusive wood pole inspections, and 22 corrective actions on facilities that are subject to General Order (G.O.) 165. Please see the table below detailing City of Banning Electric's compliance activities.

2013 G.O. 165 Maintenance Summary

Type	Inspected	% of system
Patrol	10 Circuits	58%*
Overhead Detailed	150	12%*
Underground Detailed	59	14%*
Wood Pole Intrusive	None	0%

*Patrols/Inspections are ongoing and scheduled to be completed within the 3-5 year condition cycle. Items which are below the 20% requirement for 5-yr cycle and 33% for 3 year cycle will have additional resources applied to such activity in order to satisfy completion.

City of Banning plans to revamp its Wood Pole Intrusive Testing program during the 2014-15 fiscal year. Many of the City's poles which are over 10 years in age have received their first intrusive inspection, and City of Banning will have planned intrusive inspections completed through contract services on remaining poles over 10 years of age during the next few years.

CITY OF BANNING ELECTRIC UTILITY 2013 GENERAL ORDER 174 PROGRAM

In 2013, City of Banning Electric Utility has followed a program consistent with General Order (G.O.) 174. The City has six (6) substations that undergo regular inspection and maintenance on a monthly basis. The areas for inspection/maintenance included switch maintenance, transformer/LTC maintenance, bus maintenance, battery testing, relay testing, circuit breaker maintenance, Oil Testing, IR imaging, and voltage regulators. Please see the table below detailing City of Banning Electric’s substation inspection activities.

2013 G.O. 174 Maintenance Summary

Equipment	Inspected	Repaired/Replaced
Switches	22	4
Transformers/LTCs	34	4
Buses	21	3
Batteries	9	5
Relays	33	2
Circuit Breakers	20	7
Transformer Oil Testing	14	2
IR Imaging for Components	45	N/A
Voltage Regulators	13	0

Since the G.O. 174 Inspection Program is fairly new, City of Banning plans to adopt a formal Substation Inspection Form that will detail all inspection and maintenance activities for equipment at each substation which includes a condition assessment and rating system for all components that are inspected. There were no facilities in 2013 that required emergency repair upon inspection.