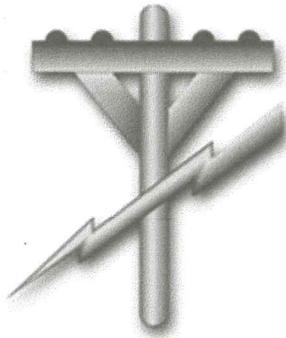


**Town of Granite Falls
2014
Annual Report of Electric Department**

Employee Longevity

Rick Sisk	12 Years
Jim Cushing	27 Years
Dean Isenhour	24 Years
Chad Russell	5 Years
Jonathan Cook	6 months

Total Years of Service: 68.5 Years



Per our RP3 Electrical Study, our ASAI or Average Service Availability Index increased this year to 99.98%. This means that for all of our customers, the average time that our power was on is 99.98 % of the time.

Summary of Electrical Customers

1. 1989 residential customers
2. 373 commercial customers
3. 4 industrial customers
4. 2,401 total electric customers as of Jan. 1st, 2015

Summary of Electrical Construction and Maintenance

1. Installed 3 new house services
2. Installed 5 new commercial services
3. Installed 4 temporary services
4. Upgraded 12 underground and overhead services
5. Installed 3 new security lights
6. Installed 17 new security lights
7. Repaired or replaced 240 street and/or security lights
8. Completed 651 requests for utility line location
9. Performed 726 various workorders for connecting and disconnecting electrical service, voltage quality studies, bad electrical connections, etc.
10. Completed electrical construction and video surveillance project at Veterans Memorial

Programs

1. The Town of Granite Falls continues to offer energy audits to all that request them. Our audits increased this year from 9 to 12 audits completed.
2. Our very aggressive tree trimming program continued again this year, eliminating many potential power interruptions and major outages. This year we completely removed 40 “danger” trees that were major concerns.. These trees were capable of taking down main circuits and feeders.
3. Squirrels and vehicle accidents are still our number 1 problem for outages. We are reducing the squirrel problem by installing animal guards on all transformer primary bushings.

Continuing Education

- Rick Sisk:** Continued Lineman Career Development Program
Attended FEMA Workshop
Completed Cyber Security Awareness Program 1&2
Completed Smart Grid Workshop
- Jim Cushing:** Renewed Electrical Contractors License Certification
Renewed Building Operators Certification
Completed National Electric Code School
Attended FEMA Workshop
Completed Cyber Security Awareness Program 1&2
Attended Smart Grid Workshop
- Chad Russell:** Continued Lineman Career Development Program
Attended NC Electrical Contractor Prep. Workshop
Chad became a NC licensed Pesticide Applicator
- Jonathan Cook:** Continued Lineman Career Development Program
Completed Distribution Troubleshooting School

CIP Projects and Aging Infrastructure

1. The Landmark Apartment primary upgrade has been completed.
2. The upgrade at Willow Oaks apartments is 100% complete. This upgrade included all primary and secondary conductors with new transformers installed.
3. The Montclair Development project is 85% complete with an estimated completion date of June 30th, 2015.
4. We replaced 8 power poles that were deemed dangerous.
5. The Trade Street underground primary project is 90% complete with an expected completion date of June 30th, 2015.
6. The Broadwater Development is 90% complete. This primary loop will be completed by June 30th, 2015.
7. The upgrade of our downtown circuit has started. We estimate that this upgrade will be completed by June 30th, 2015.
8. The acquisition of our new service truck has been completed.
9. The Camelot Manor underground primary replacement project was completed early due to aged primary failure.
10. Bid for the regulator replacements has been awarded to Williams Electric Co. This upgrade should be completed by June 30th, 2015.