

## ELECTRIC DEPARTMENT

### YEAR END REPORT

#### 2015

2015 has been another, productive and efficient year for the Town of Dallas Electric. Department. Much of the substantive installation and completion of our new, \$2.7Million, 20MW substation occurred this year and will now allow us to better deliver safe and reliable energy to all our customers, at a very competitive rate in comparison to other public or private providers across the state.



In 2015, Electric crews installed new, underground services to 21 homes, in two subdivisions. In Spencer Mountain subdivision alone this resulted in 4200 linear feet of primary cable being installed along with over 6800 linear feet of secondary cable.

Our Peak Shaving Generators continue to serve as a highly valuable asset to the Town. Specifically, we operated the two units, per our wholesale purchase power contract terms with Duke Energy, for some 75 hours to-date in 2015. These 2000 horse-power engines use approximately 150 gallons of fuel per hour. Each one is capable of producing 1600 KW of power, which, in turn, reduces our reliance on, and consumption from Duke Energy during the most-valuable “peak” periods. These efforts specifically resulted in the single largest rebate of funds (“True – Up”) in the Town’s history -- over \$847,000.00.

Our Meter Department has continued its initiative to fully implement the radio-read meters that ultimately save time in gathering data by eliminating the need for an actual physical meter-read by collecting the data when the meter technician gets within a certain range. In 2015, the Department installed 572 radio-read meters. By year-end, this technology will now have been installed in approximately 70 to 80 percent of our electric customer’s homes.

Our ongoing, Traffic Signalization up-grade Program at the intersections of Main & Holland and Main & Gaston Streets is scheduled to be complete before the end of this fiscal year. This will involve other streetscape improvements for our Historic district as well, including relocating the street Clock.

The Electric Department staff continues to place an emphasis on working safely again this year with no lost time accidents or injuries. As a result, we were awarded the Municipal Safety Award. We also

remain the only municipal electric utility in the state of North Carolina to have achieved “SHARP” certification with OSHA-NC.



Our staff is composed of a diverse group of qualified and experienced professionals that excel in both overhead & underground distribution, Journeyman Line work as well as line-clearing and trimming activities with a certified Arborist.

This past year also saw the completion of the annual Dielectric test of all 15 Regulators at the Park Road Substation – revealing that all units passed the inspection for the fifth straight year.

The Town’s tree crew, in their first full year of operation, succeeded in trimming over 11 miles of the 46 total miles of overhead primary that the Town owns and maintains. Our Arborist earned the “Utility Specialist Certification’, along with an additional 24 credit-hours of specialized training.

Thank you,

Doug Huffman, Electrical Director