

# **Wellsboro Electric Company**

## **Current Assessment and Reliability of the Distribution System**

### **Summer 2017**

#### Distribution System

Substations will be inspected monthly, oil samples will be taken annually.

Both transformers in the Hilltop substation will be taken off line in the summer of 2017 and have a complete maintenance inspection on all electrical equipment.

Infrared imaging will be conducted annually on all in-service substation equipment and select sections of the distribution system.

Substations have had load studies conducted and all have additional capacity available.

Wellsboro Electric will perform a visual inspection of all poles and electrical equipment on four distribution circuits as follows.

1. Charleston #1
2. Charleston #2
3. Stony Fork
4. Osram

Wellsboro Electric will perform a detailed internal and below grade inspection and testing of pole strength of One Thousand Four Hundred distribution poles on the Stony Fork Circuit and Dresser feeder.

Wellsboro Electric will perform a detailed Vegetation Management Inspection on Four distribution circuits as follows.

1. Charleston #1
2. Charleston #2
3. Stony Fork
4. Osram

This inspection will look for hazard tree's that could cause a problem to the distribution system and to determine the trimming cycle for all other vegetation, this will be conducted by a consulting utility forester.

Wellsboro Electric has contracted with Asplundh Tree Experts to perform a complete trimming and removal of hazard trees on Sixty miles of distribution system in 2017 on The Middlebury feeder.

All Recloser's and Voltage Regulators in –service on the distribution system will be inspected at least twice in 2017 including and infrared scan.

Wellsboro Electric will continue its program to install permanent fault indicators on the distribution system, so when outages occur we can pinpoint the problem area quicker and save unnecessary patrolling of the outage area, which results in better use of the line crews.

Wellsboro tracks causes of outages with a robust Outage Management System, data is reviewed on a regular basis to determine circuits or areas of the system that are experiencing multiple outages and corrective action can be planned from this data.

Staffing in the Engineering and Operations department is at established levels.

Wellsboro continues to use and expand the use of social media in communications to our customers.

Any outage map will be available on our website by end of 2017.

Emergency plans have been reviewed and updated for 2017, contracts are in place with Utility construction contracts and tree crews for emergency needs.