



System and Line Inspection Plan

(including buildings and equipment)

updated 4/14/2017

This plan contains the procedures for performing the electrical distribution line inspection for South Kentucky Rural Electric Cooperative Corporation (SKRECC). This plan covers the inspection and follow up maintenance of electric distribution facilities owned and operated by SKRECC.

This line inspection program is performed through coordination with the construction and operations personnel, system inspectors, staking engineers and other personnel. SKRECC's goal is to correct infractions found during these inspections and replace poles and equipment that may pose a hazard to the public and/or to electric distribution line personnel. Situations considered hazardous are to be repaired within a shorter timeframe, based upon the severity of the hazard. Hazards that are out of the control of SKRECC, such as those involving private property owners, environmental and other utilities' issues, may require more time to resolve.

SKRECC personnel are to visually inspect approximately ½ of the electrical system annually and perform a walking/hammer sounding inspection of the system every 5 years.

Items to be addressed are divided into three categories. A hazardous situation is reported on a pink hazardous report form and is to be repaired immediately. If a hazardous situation is found to exist a Hazard Form should be filled out and the problem is to be fixed the same day, or as soon as practical, if outside circumstances prohibit the repair work to be performed on the day it was reported. This form is generally completed during and/or after correction of the situation has occurred. In extremely dangerous circumstances the employee will need to guard the hazard until it is repaired. A possible hazard is to be reported on a yellow form and is to be repaired and/or addressed as soon as it can be possible in coordination with existing work load. These possible hazard forms are items that do not require immediate attention but do require that corrective action is taken in a timely manner. Routine maintenance is to be

noted on a white system inspection form and can be performed at the discretion of the team leader.

Items to be identified during these inspections are:

1. Low clearance of wires (including telephone and cable television).
2. Line clearance from existing structures and new construction.
3. Antenna's too close to the electric line.
4. Swimming pools under or close to electric lines.
5. Machinery operating near or under electric lines.
6. Bulldozing around poles or excavation near underground facilities.
7. Broken and loose guy wires.
8. Pole deterioration, rotting or splitting.
9. Clearances at boat launching ramps.
10. Leaning Poles
11. Bad cross arms, cross arm braces, insulators broken and or damaged.
12. Stranded primary conductor and or neutral.
13. Trees grown into line, overhanging line and/or leaning toward the line.
14. Transformers and lines which are idle and need to be de-energized.

It is the responsibility of all employees to be observant while in the field and report any potential issue they feel is unsafe. If an employee is not familiar with or is unsure they can notify one of the line inspectors, electrical linemen, staking engineer and/or dispatchers and they inspect and verify if further maintenance and/or repair is necessary.

SKRECC also performs monthly inspections on all buildings and equipment (tools). Any safety issues found during building inspections re reported to our buildings and grounds Manager, who will follow through with repairs, etc. Any tools found to be in poor condition are repaired or replaced.