

## The TEC Hybrid Pole™ Advantages

TEC is now offering a cleaner, longer lasting, climbable and cheaper pole. This provides many advantages for you as a customer and for TEC as the manufacturer.

**Clean** – This modified manufacturing process controls the creosote in such a manner that the poles do not have any unsightly tars or residues.

**Climbable** – Steam conditioning is used instead of the more common dry kiln conditioning. This process leaves the wood fibers flexible for ease of climbing.

**Longer Lasting** – Ground line inspection data shows CCA treatment lasts longer than creosote. A major Southeastern utility reported no deterioration of properly manufactured and treated CCA poles. The chemical manufacturer provides a 50-year warranty.

**Weather Resistant** – These poles are finished with creosote to create a long-lasting oil finish in the outer inch. This process locks in the flexibility of the fibers and protects the pole from deterioration due to weather.

**Lower Cost** – The cost to manufacture a hybrid pole is about 15% less than the cost to manufacture a creosote pole

**Lower Chemical Usage** – Because of the effectiveness of CCA at low doses the RUS and AWPA specifications only require 0.6 pounds of preservative per cubic foot, whereas creosote alone requires 7.5 pounds per cubic foot. By using the CCA to meet the standard, and adding only a creosote finish for improved performance, TEC will reduce overall chemical usage by an estimated 90%, or about 20 million pounds per year.

**Less Hazardous Waste** – With cleaner poles being manufactured, TEC will have less drippage to manage as hazardous waste.

**Cleaner Rainfall Runoff** – Although TEC does not have any problems with creosote contaminated rainfall runoff, most poles in storage at the TEC plant will become CCA poles. The creosote finish will only be added just before shipping. CCA binds to the wood and will not contaminate rainfall runoff. Thus compliance with Texas clean-water requirements will be easier.

**Cleaner Air** – With most poles in storage at TEC becoming CCA poles, there will be less odor, as CCA is odorless. Thus compliance with Texas clean-air requirements will be easier.