



Cost Effective Challenging Installations

Lowest Logistics Cost Case Study



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Summary

Prince George Electric Cooperative (PGEC) had to replace a 75 ft. pole in a remote, wet location.

Problem

Due to the challenging accessibility of the site, spotting the heavy line equipment required to set traditional poles would require a costly right-of-way. A replacement wood pole would quickly deteriorate in the wet environment. Transporting traditional poles would require special DOT permits due to the long length.

RS Pole Solution

- The lightweight RS modules were easily delivered to the remote site and allowed for a mini-derrick truck to set the pole instead of a regular line truck having to make the journey.
- The hydrophobic surface of the RS pole is perfectly suited to the wet location for an 80 year pole life expectancy.
- The fast and cost effective RS pole solution allowed for 40-45% installation cost savings over wood or steel alternatives.



The RS pole was an easy solution to a difficult problem. The lightweight and modularity attributes of the pole made for hassle-free transportation to the construction site and enabled us to use our mini-derrick rather than a regular line truck which would have had major difficulty crossing the wet terrain. I was surprised at how quickly the pole was pieced together and set. PGEC chose the composite pole over other options because of its light weight, ease of transport and price. It was a no-brainer.

Mike Malandro
Manager of Engineering
Prince George Electric Cooperative

