



Reduced Carbon Footprint

Environmental Benefit of RS Poles Versus Wood

Lowest Liability Case Study



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Summary

The majority of utility poles in the North American grid are made from wood - a material that requires chemical treatments and results in deforestation.

Problem

The deforestation involved with wood utility pole production increases a utility's carbon footprint as a typical tree will absorb (or remove) approximately 1 ton of carbon emissions over a 40 year period.

RS Pole Solution

As an engineered pole constructed from an inert material, RS poles eliminate deforestation and chemical coatings:

- ⑥ The environment and surrounding community benefit from a green approach and preserved landscape
- ⑥ Trees stay for the health and enjoyment of future generations
- ⑥ Transportation efficiencies of the RS pole continue to build on the carbon savings of leaving trees in the ground
- ⑥ No leaching or costly soil remediation



RS poles have noteworthy environmental advantages. Almost all wooden poles currently in use today require chemical treatments to prevent deterioration. RS poles, by comparison, do not need to be coated with Penta, Arsenic or Creosote. Likewise, the manufacturing process does not produce any VOCs or HAPs. As a result, these poles are the most environmentally friendly ones available in the market place.

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