



# Reduced Carbon Footprint

# Environmental Benefit of RS Poles Versus Wood

## Lowest Liability Case Study



[www.RSpoles.com](http://www.RSpoles.com)

**Email** info@RSpoles.com  
**Toll Free** +1 877 219 8002  
**Phone** +1 403 219 8000  
**Fax** +1 403 219 8001

RS Technologies Inc.  
 233 Mayland Place NE  
 Calgary, AB T2E 7Z8

### 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.

NWPPA Bulletin, January 2006

