

## “Green” Splice Cleaners Suit Wind Farm Construction

### Background

Wind energy is a fast growing segment of the alternative power generation industry, highly touted for its “green” environmental benefits. According to the AWEA (American Wind Energy Association), new wind power projects have accounted for over 35% of all power construction projects in America.

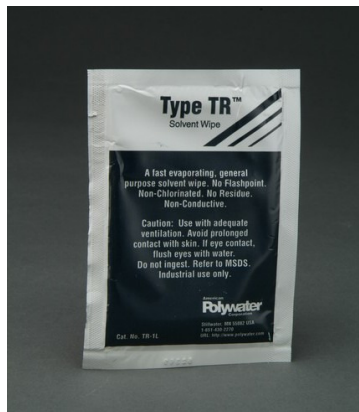
In 2007 the U.S. installed over 5,200 MW of new wind power generation, and in 2008 set a new record with over 7,500 MW of new capacity. Total capacity now exceeds 21,000 MW in over 35 states, accounting for 1.5% of total U.S. energy supply. America has surpassed Germany as the world’s largest producer of wind power.

Most wind farms have multiple towers, requiring lots of underground cable to feed the generated power to the substations and eventual connection to the grid. Most of this cable is direct buried, with the exception of fiber optic cable, which is generally installed in conduits as added protection from rodents.

The large amount of cable in these projects requires multiple terminations and splices, often in a rural environment with limited access.

### Polywater PEL-PAC™ System Combines Environmental Benefits, Convenience, and Safety

In keeping with the green theme, American Polywater’s SpliceMaster® PEL-PAC™ cable cleaner system is a popular solution for terminating high-voltage cable in wind farm applications.



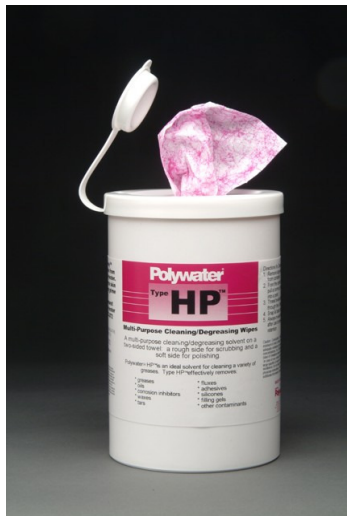
*Pre-saturated towel packages combine convenience and environmental benefits.*

The PEL-PAC™ System consists of durable, cleaner-soaked towels in an individual packet or a resealable container. The system concept is quite simple. The cleaning towel has a limited but measured amount of cleaning solvent. This eliminates waste from excess solvent usage. Solvent vapor release is also limited and that helps maintain safe exposure levels for the splicer. These ready-to-go packages also eliminate the environmental exposure of a solvent spill and reduce greenhouse gas vapor release. All of these can be problems with bulk packages.

PEL-PAC™ field-friendly pre-saturated towelettes are more than a safer alternative to aerosols and bulk packages.

They contain durable, non-woven, non-adhesive and lint-free towelettes saturated with no-residue SpliceMaster® cleaners. These convenient packages help ensure that

crews won't use dirty rags, leaving residue to cause tracking and splice failure. The cable cleaners are available in packages containing single or multiple wipes, tailored to fit various company work methods.



*The HP-D72 canister with pop-up pre-saturated towels is popular for large jobs*

One popular SpliceMaster<sup>®</sup> package for wind farm use is a canister dispenser containing 72 pre-saturated towellettes. The towels are connected and one pulls the next towel into place in “pop-up” style. This package is especially effective on large jobs with many terminations. The canister is a green construction solution that eliminates excess packaging and waste.

The PEL-PAC<sup>™</sup> system helps large and small utility construction projects to be more safe and efficient by limiting solvent vapor exposure, reducing hazardous spills, and better cleaning terminations with a no-residue solvent and a lint-free towel.

For more information on cleaner and packaging options available visit: <http://www.polywater.com/splicemaster.asp>