

NEWS ALERT



Corrosion Protection Stability in the Winds of Energy Market Change



Energy is one of the most critical industries for today's society—and one of the most unpredictable. That fact can make life difficult for those involved in greenfield energy projects, including wind farms subject to international market and domestic policy changes. Whether your wind project is on hold or going strong, corrosion protection is the "yaw and pitch" control that can stabilize greenfield projects facing unexpected changes. [Cortec®](#) shares some of those strategic tips to keep wind turbine components preserved and ready-to-use for the short haul or indefinite storage period.

Corrosion Challenges for Greenfield Projects

Greenfield projects face corrosion challenges during shipping and storage, as components travel from different parts of the world and await installation. Without protection (especially in harsh coastal conditions), wind turbine shafts, rings, and nacelles can begin to corrode before they arrive onsite or are ready to install. This can hold up the entire project until the components are restored or replaced at high costs of time and money.

Corrosion Strategies for Wind Turbine Components

Just a few quality preservation materials can go a long way for efficient and effective corrosion protection. Starting at the manufacturer is ideal, since a protective shield of [VpCI®-126 HP UV Shrink Film](#) or (for especially harsh or long durations) [MilCorr® VpCI® Shrink Film](#) can protect components in transit and during extended storage of a year or two. Supplementary protection may include a removable coating for the most sensitive parts (accompanied by a supply of [VpCI®-414](#) for easy removal later), or some [Cor-Pak® 8-MUL Pouches](#) as an extra source of Vapor phase Corrosion Inhibitors inside the package. The same strategies can be employed for assets that are already onsite and need protection when a wind construction project is halted.



Keywords: wind energy, energy market, corrosion protection, is wind energy growing or declining, VpCI, corrosion inhibitors, wind turbine corrosion, wind turbine storage, Cortec, green energy challenges

Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for the Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001 and ISO 14001 certified.





Weather the Winds of Change

While it is difficult to predict the harshness of an environment or the length of storage for a wind turbine component, [Cortec® VpCI® packaging](#) adds stability to the picture by bringing durable, easy-to-use preservation materials onto the scene. [Contact Cortec® for more ideas on prepping your wind components to safely weather the unpredictable winds of energy market change.](#)