



## ***PANDUIT Wind Power Solutions***

*Clean. Natural. Renewable. Plentiful.* Wind energy is one of the fastest growing power generation sources today. Countries around the world, including the U.S., China, India, Germany and Spain, are all investing in wind farms to harness this highly sustainable energy resource.



### ***Opportunity Blowing In The Wind***

As wind energy increases in popularity, energy companies are making plans to build new and expand existing wind farm operations. Knowledge of construction requirements and specifications, and partnerships with consulting firms and manufacturers, like *PANDUIT*, will be critical to winning projects.

### ***The IT Angle***

Wind farms have evolved beyond a field of simple windmills. Today they are complex assemblies of wind mills, control systems, and transmission stations. And the evolution continues, as companies find value in deployment of durable industrial networking to increase energy collection and output.

Wind farms are sprawling ventures by nature. Effective management and maintenance of equipment, towers, devices and other elements of the farm is critical for uninterrupted generation of wind energy. A dependable and well planned network infrastructure links all areas of the farm together to maximize operational efficiency.

### ***A Complete Wind Power Solution***

*PANDUIT* has the expertise and resources to deliver an integrated electrical and networking solution designed to address the unique needs and challenges of the wind energy industry. Our **complete wind energy solution** includes electrical infrastructure solution and industrial networking solution. These solutions, designed specifically for remote and difficult terrain of wind farms, increase reliability of your operations, improve worker safety and simplify management and maintenance of equipment and facilities.

### ***One Solution, One Partner***

Consider *PANDUIT* a valued resource and partner in deployment of wind farms throughout the world. Choosing a single vendor with both electrical and networking expertise simplifies procurement and ensures your network systems and energy equipment is installed properly, integrated and interoperable. To learn more contact *PANDUIT* Customer Service at [cs@panduit.com](mailto:cs@panduit.com) or call us at 888-506-5400.



The *PANDUIT* Wind Energy Solution provides harsh environment solutions required for construction of nacelles, towers, bases and transmission stations along with an innovative industrial networking solution to link it all together.

## ***Harsh Environment Solutions***

Your industry calls for DURABLE solutions that can withstand gusty winds, intense heat, frigid temperatures, drenching rains and other harsh climatic events. *PANDUIT* solutions are robust. We make sure that all *PANDUIT* systems are able to withstand actual on-field conditions. For example, we considered the effects of extended exposure to direct sunlight when developing our anti-ultraviolet radiation resistant line of bundling and installation products.

*PANDUIT* classifies its Harsh Environment Solution into the following categories:

- **Bundle:** Gather and secure cabling within wind towers and control panels with the most complete line of cable tie systems
- **Terminate:** Cut and prepare cabling and wire for installation in wind towers, control panels, and control rooms with a comprehensive selection of termination and tooling products for networking and electrical applications
- **Route:** Conceal cabling and wiring throughout wind towers and your facilities with industry leading solutions that prevent tampering, while optimizing performance
- **Identify:** Simplify identification of networking and electrical components throughout the facility with an innovative identification system that complies with applicable global standards
- **Protect:** Improve worker safety, while protecting valuable equipment with our full line of Safety Systems that include, lockout/tagout, grounding, and training manuals and videos to help educate employees about important safety requirements

**Visit us at [www.panduit.com](http://www.panduit.com)**

**Contact Customer Service by email: [cs@panduit.com](mailto:cs@panduit.com)**

**or by phone: 800-777-3300**

## ***Tooling***

*PANDUIT* offers a complete line of tooling that is ergonomically designed to reduce worker injury and improve productivity. Our tooling delivers labor savings of up to 60% in projects in the energy industry



## ***Industrial Networking***

As a global leader of networking solutions, *PANDUIT* applies its extensive products and application expertise to develop reliable networking solutions designed specifically for industrial facilities and areas.

- Control panel solutions reduce design and assembly time, save valuable panel space, ease installation and maintenance and improve manageability and reliability, all leading to lower cost of ownership
- Data center solutions provide best-in-class physical layer infrastructure to enable rapid deployment of data center technologies that increase agility, security and manageability of your network