

# Wind Industry Solutions



Connecting Power to Your World®



# Forward Rotation

As the wind industry has grown, so has BURNDY's involvement. Today, we supply products and services that span the entire scope (turbine, tower, collector system, substation and transmission) of the wind industry.

As a result of our global reach, we can offer product solutions and value-added services that are unparalleled in the industry. We have been, and continue to be, focused on providing solutions to the most challenging application requirements.

## About Us

With corporate headquarters in Manchester, New Hampshire, BURNDY employs more than 1,200 employees, including more than 125 BURNDY® Factory Direct Sales Representatives and top manufacturing representatives. We staff manufacturing sites throughout New England, the American Midwest and Canada, plus a distribution center in New Hampshire. As a global company, we have offices in Mexico, Brazil and Canada in addition to our engineering and marketing business units in India. We also have 20 fully equipped demonstration trucks in the United States, Canada and Mexico.

**Whether you're looking for information about the products you plan to install or how existing products are performing, we have the solutions you need.**



## Products for Wind Farm Applications

Products For	Turbine & Tower	Collector & Grounding	Substation	Transmission
BURNDYWeld® Exothermic Grounding	•	•	•	
DURIUM™ Hardware	•	•	•	
Flexible Braid	•	•	•	
Heat Shrink	•	•		
HYDENT™ Compression Connectors	•	•	•	•
HYGROUND® Compression Grounding	•	•	•	•
IMPLO® Connectors				•
Installation Tooling	•	•	•	•
Mechanical Connectors	•	•	•	
Mechanical Grounding	•	•	•	•
PENETROX™ Oxide Inhibitor	•	•	•	•
SERVIT® & SERVIT POST™ Connectors	•	•	•	
Substation Connectors			•	
Transmission Connectors				•
UNIRAP™ Cable Ties	•	•	•	
UNITAP™ Insulated Multi-Tap	•	•	•	
VERSIPOLE™ Distribution Blocks	•			

### Installation Tooling

BURNDY® tooling delivers a key component in creating a conforming electrical connection while still providing users with an ergonomic and reliable design along with safe crimping and cutting capabilities.



#### BURNDY® PATRIOT® PAT750-LI

Our signature tool, the PAT750 features a crimp head that rotates 355° and provides 12 tons of force to crimp tension sleeves, taps, terminals, splices and HYGROUND® connectors.

### BURNDYWeld® Exothermic Grounding

The BURNDYWeld® connection process is a simple, efficient method of welding copper to copper or copper to steel. Combined with the EZ Lite Remote® Electric Ignition System, this industry heavyweight virtually guarantees ignition 100 percent of the time.



## HYGROUND® Compression Grounding

HYGROUND® meets the most stringent safety and performance requirements, including OSHA, UL97, UL467 and IEEE 837, and is approved for direct burial.

All HYGROUND® connectors can be installed in any type of weather in less than three minutes. The HYGROUND® system is known for its top quality and long-term performance.



## Compression Terminals

BURNDY offers a wide range of one- and two-hole aluminum and copper narrow tongue terminals. Narrow tongue terminals are designed to be installed in applications with specific size constraints.



To ensure easy installation and inspection, each connector is clearly marked with the wire size and type, die index and color coding as well as the proper number and location of crimps.

## HYLUG™ Compression Terminals

BURNDY® HYLUG™ terminals are uniquely designed (narrow tongue) for the specific requirements of the wind industry to accommodate a wide range of conductor configurations (aluminum, copper — AWG, flex, metric) for utmost application flexibility.

### *BURNDY® BREAK-AWAY HYLUG™ Terminal*

Developed specifically for the wind industry, the revolutionary BURNDY® BREAK-AWAY HYLUG™ line of copper and aluminum compression terminals makes it easy to convert a terminal from two holes to one in the field. Here's how it works: The BREAK-AWAY HYLUG™ line has a slotted second stud that allows it to conform to various bus bar dimensions, and its narrow tongue makes it a perfect fit in tight spaces.

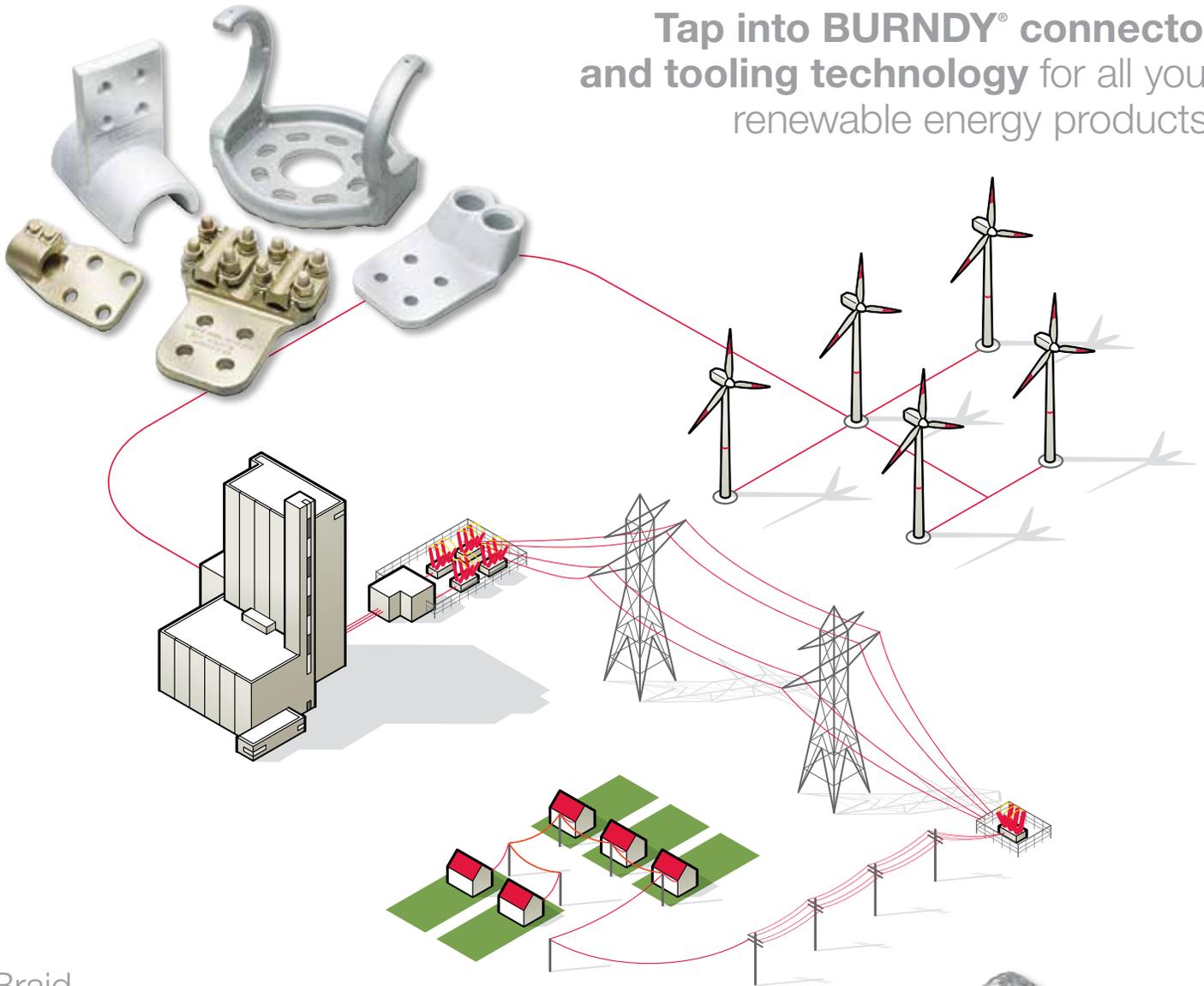


## HYDENT™ Terminals

BURNDY® HYDENT™ terminals and splices are as varied as the projects you need them for. You can choose from copper and aluminum compression terminals—plus splices for terminating conductors—from #8 AWG through 2000 kcmil.



Tap into BURNDY® connector and tooling technology for all your renewable energy products.



## Braid

As one of our signature products, BURNDY offers Braid Assemblies—an economical and efficient means of protecting electrical equipment from the potentially harmful effects of:

- Shock and vibration
- Terminal- or connection-area expansion due to temperature changes
- Movement of components
- Misalignment that may occur during the service life of electrical equipment and machinery
- Seasonal movement of outdoor equipment (common in substations)

To provide this level of flexibility, braid is made out of woven and flattened tinned (or untinned) pure copper wire. Then, seamless pure copper ferrules are formed and assembled on each end to provide appropriate contact surfaces.



## Trust the BURNDY® Engineered System

The BURNDY® Engineered System of coordinating dies, connectors and tools are designed to work together and engineered to meet stringent, accepted quality standards.



[www.burndy.com](http://www.burndy.com) | 1-800-346-4175

### Customer Service Department

7 Aviation Park Drive  
Londonderry, NH 03053  
1-800-346-4175  
1-603-647-5299 (International)

### Canada

1-800-361-6975 (Quebec)  
1-800-387-6487 (All other provinces)

### Mexico

011-52-722-265-4400

### Brazil

011-55-11-5515-7225

### Tool Service Center

Littleton Industrial Park  
Littleton, NH 03561  
1-800-426-8720



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