

HUBBELL
Power Systems



Hubbell Power Systems | **A Global View**



History

Hubbell, Inc (Orange, CT), was founded in 1888 by Harvey Hubbell. Hubbell worked with ideas, dedicating his life to finding better ways. While Thomas Edison was discovering the potential of electricity, Harvey Hubbell created the first practical method to control it. His pull chain light bulb socket remains unchanged today. Later he developed the electrical plug and wall device arrangement that is so familiar to each of us. Hubbell Incorporated has grown to become a diversified Company with multiple manufacturing plants and markets around the globe.

In 1978, Hubbell purchased Ohio Brass (OB). This purchase marked the Company's entry into and commitment to the electric utility industry. In 1994, A. B. Chance Company was acquired and the Hubbell Power Systems (HPS) Platform was established. Anderson followed in 1996, Fargo in 1998, and Chardon Electrical Components in 1999.

The first decade of the 21st century proved to be the most dynamic for domestic and international acquisition growth. From 2002 to 2008, HPS made ten acquisitions and expanded its global presence with Delmar, Lorenzetti and IBRAP. Today, the HPS product portfolio includes the following valued brands:

**Anderson™ | CHANCE® | Delmar® | IBRAP
Electro Composites™ | Fargo® | PCORE® | HotBox®
Polycast® | Ohio Brass® | Quazite® | USCO™**



Global Growth

Hubbell Power Systems, headquartered in Columbia, South Carolina, is a global enterprise growing through acquisitions, investing in people, offering value-added services and assuring financial viability through conservative fiscal policy.

We have made several investments domestically and internationally, recently opening a 60,000 square foot facility in Wuhu, China. Our Wuhu plant, located in the Anhui province, manufactures product designed by Hubbell, USA. All of our international facilities are operated by Hubbell employees and trained by Hubbell engineers.

As a leader in product innovation in the power industry, we continually make investments in new product development, automation and equipment — making over \$100M in capital investments since 2008. Our efforts in research and development afford us greater strength in a global marketplace.

There is a growing demand for electricity and electrical products to power the 21st century. Hubbell is committed to delivering products to support that demand through global expansion. Our decision to take root internationally positions us for future growth in South America, Asia and other markets in the rest of the world.



Quality

At Hubbell Power Systems, we build products that provide mission-critical infrastructure and products that deliver power to millions of people worldwide. In our business, failure is not an option. So we manufacture products of uncompromising integrity. And it starts with our quality policy. We hold our partners, our suppliers and ourselves to the highest standard to ensure we exceed all the technical and functional expectations of our customers.

Our commitment to quality is supported by an extended warranty for all of the products we manufacture. Each facility follows a rigorous QA process specifically designed around the products we manufacture. We take seriously our commitment to quality. Certified lean engineers monitor performance throughout the manufacturing cycle, completing routine internal audits and frequent third-party audits. In fact, we are so confident in our QA process that we invite our customers to perform their own audit any time they like or to just take a factory tour.



Lean. Disciplined. **Effective.**

We are committed to providing value to our customers as well as to the communities in which we reside. Our facilities are ISO certified and employ lean manufacturing practices, which make us a more agile organization, integrated with our customer's and supplier's value streams. This translates to better quality, faster response times and shorter lead times for our customers.

Each phase of our manufacturing process follows rigorous testing, measuring, and inspecting. Our goal is to constantly look for ways to improve processes and eliminate waste. Results are manifested through a variety of Kaizen events led by lean certified personnel that include:

SHOP FLOOR EVENTS

Purpose: Eliminate waste in our manufacturing processes

Results: Increased throughput, reduced cost, more balanced workloads, shorter lead times, faster changeovers

BUSINESS PROCESS EVENTS

Purpose: Eliminate waste in our business processes such as scheduling, payables, invoices, hiring, ordering material

Results: Increased throughput, reduced cost, more balanced workloads, shorter lead times

DESIGN FOR LEAN SIGMA EVENTS

Purpose: Design new products and introduce them to the market

Results: Lower start up costs, shorter launch times, designs driven by customer requirements

GREEN VALUE STREAM MAPPING EVENTS

Purpose: Review facilities and operations as seen through the eyes of the customer

Results: Lower energy usage, lower water usage, lower volume of material sent to landfill, increased recycling, reduced transportation of material, reduced packaging material

At Hubbell Power Systems, we take pride in relationships with our customers. We continually listen to the voice of our customers to improve the level of quality and service. Our commitment to quality is woven into all of the products we manufacture and the markets we serve.



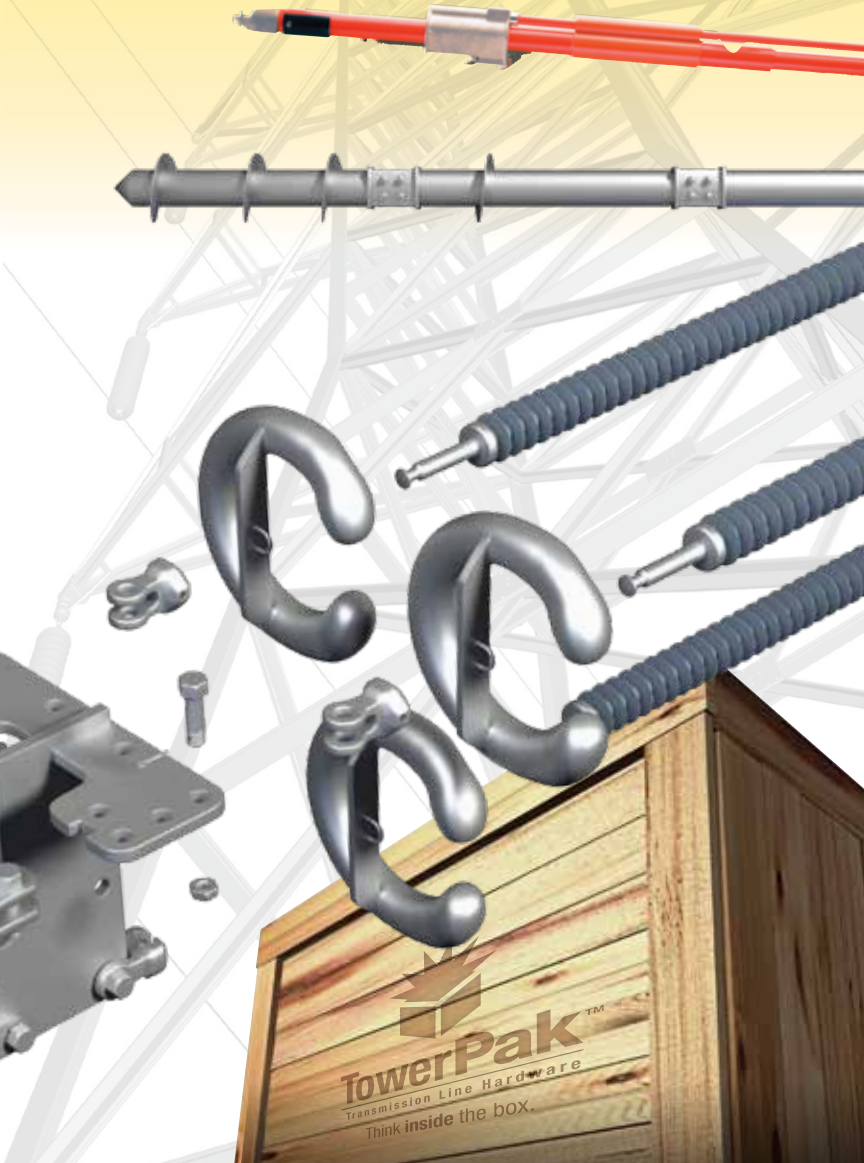
→ Transmission

- Anchors & Foundations**
- Connectors & Hardware**
- Factory-Formed Deadends**
- Hot Line Tools**
- Insulators**
- Arresters**

Hubbell Power Systems is a global manufacturer and supplier of products that support transmission projects, construction and maintenance. Our product breadth and transmission service solutions lead the industry by providing 90% of the products needed on a steel tower. And our dedicated engineering experts ensure your transmission project is a success.



Anderson™ | CHANCE® | Delmar®
Electro Composites™ | Fargo® | PCORE® | HotBox®
Polycast® | Ohio Brass® | Quazite® | USCO™



→ Distribution

Anchors

Arresters

Box Pads

Cable Accessories

Connectors

Cutouts

Drain Systems

Reclosers

Fiberglass Pedestals

Formed Wire Products

Grounding Equipment

Hot Line Tools

Insulators

Switches

Pole Line Hardware

Resettable Sectionalizers

Underground Enclosures

Wildlife Protectors

Cover Ups

Steel Foundations

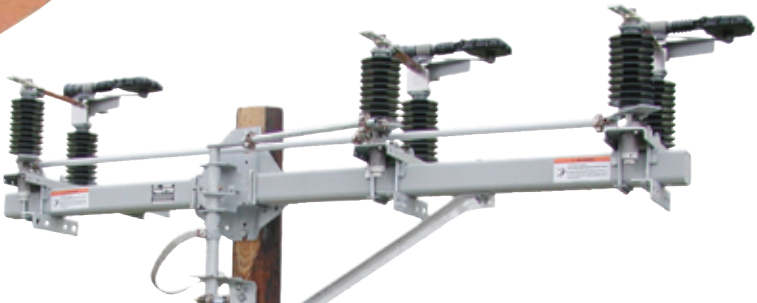
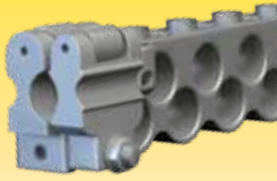
Testing equipment

Fuses

Hubbell Power Systems product offering supports the MRO and distribution of electricity, serving 85% of the products needed on a distribution pole. Our team of engineers, product experts and customer service are dedicated to delivering products and services on time, in spec and on budget. Our centralized distribution center ships with 99.96% accuracy.



Anderson™ | CHANCE® | Delmar®
Electro Composites™ | Fargo® | PCORE® | HotBox®
Polycast® | Ohio Brass® | Quazite® | USCO™



➔ Substation

Arresters

Bushings

Bus Supports

Couplers

Cutouts

EHV Connectors

Foundations

Hot Line Tools

Grounding Connectors

Insulators

Sectionalizing Cabinets

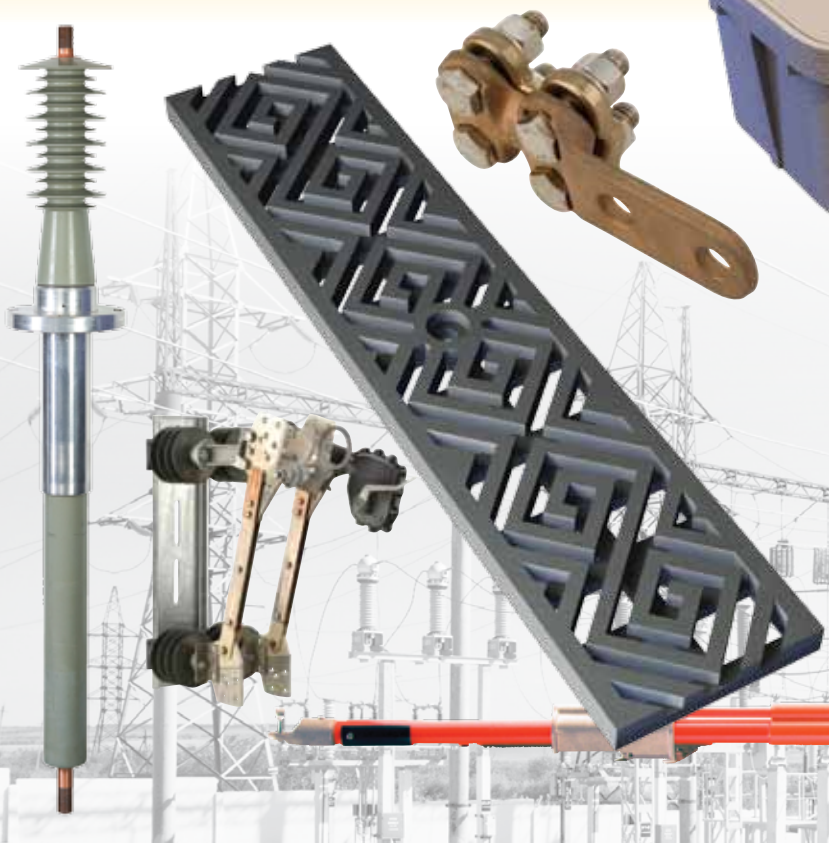
Switches

Terminals

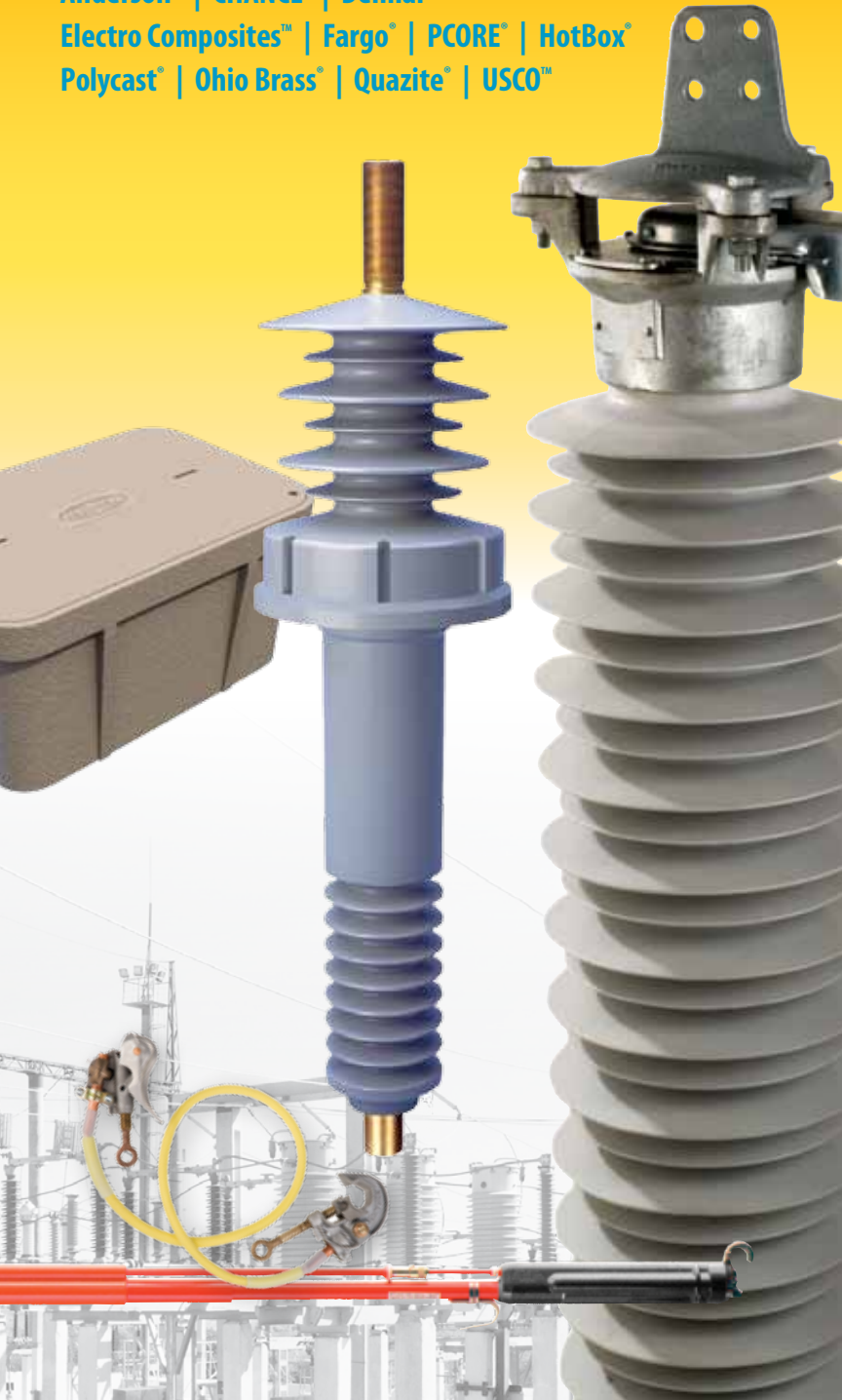
Trench Covers

Underground Enclosures

Hubbell Power Systems offers product solutions for increased capacity and enhanced reliability. From high voltage transmission to lower voltage distribution, HPS provides the products you need to construct, maintain and safeguard the substation in between.



Anderson™ | CHANCE® | Delmar®
Electro Composites™ | Fargo® | PCORE® | HotBox®
Polycast® | Ohio Brass® | Quazite® | USCO™



→ Commercial & Industrial

Hubbell Power Systems offers a variety of OEM, Utility, Commercial and Industrial products to the power industry. We are committed to helping achieve lower supply chain costs and increased operational efficiencies.

Anchors & Foundations

Bushings

Connectors

Drains

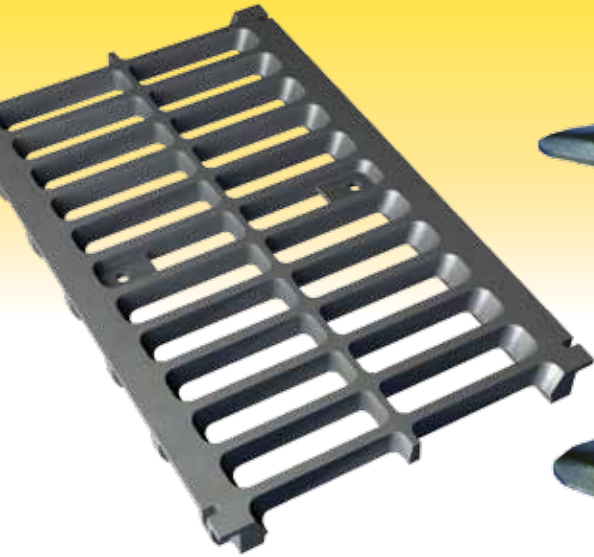
Enclosures

Safety Products

Tools



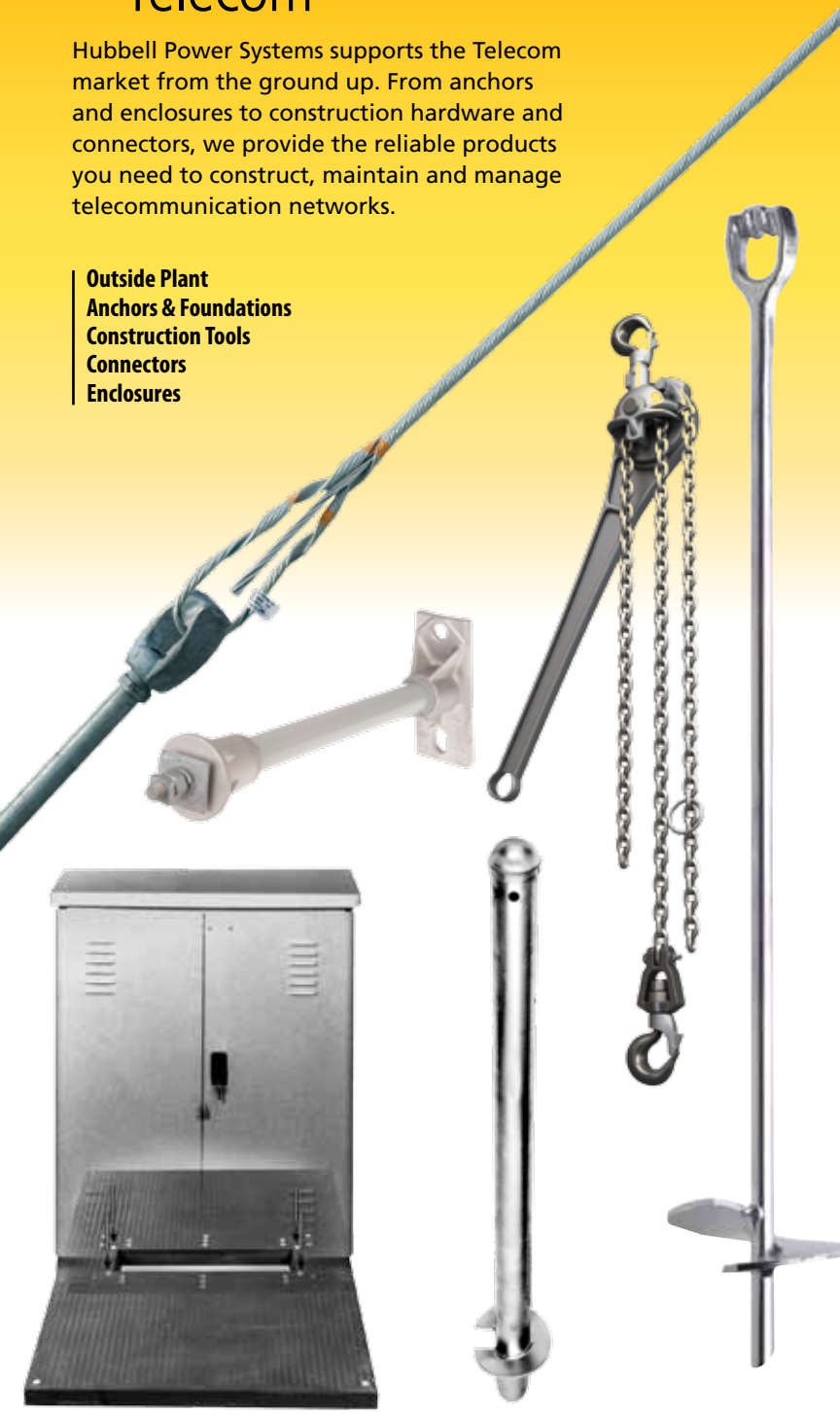
Anderson™ | CHANCE® | Delmar®
Electro Composites™ | Fargo® | PCORE® | HotBox®
Polycast® | Ohio Brass® | Quazite® | USCO™



→ Telecom

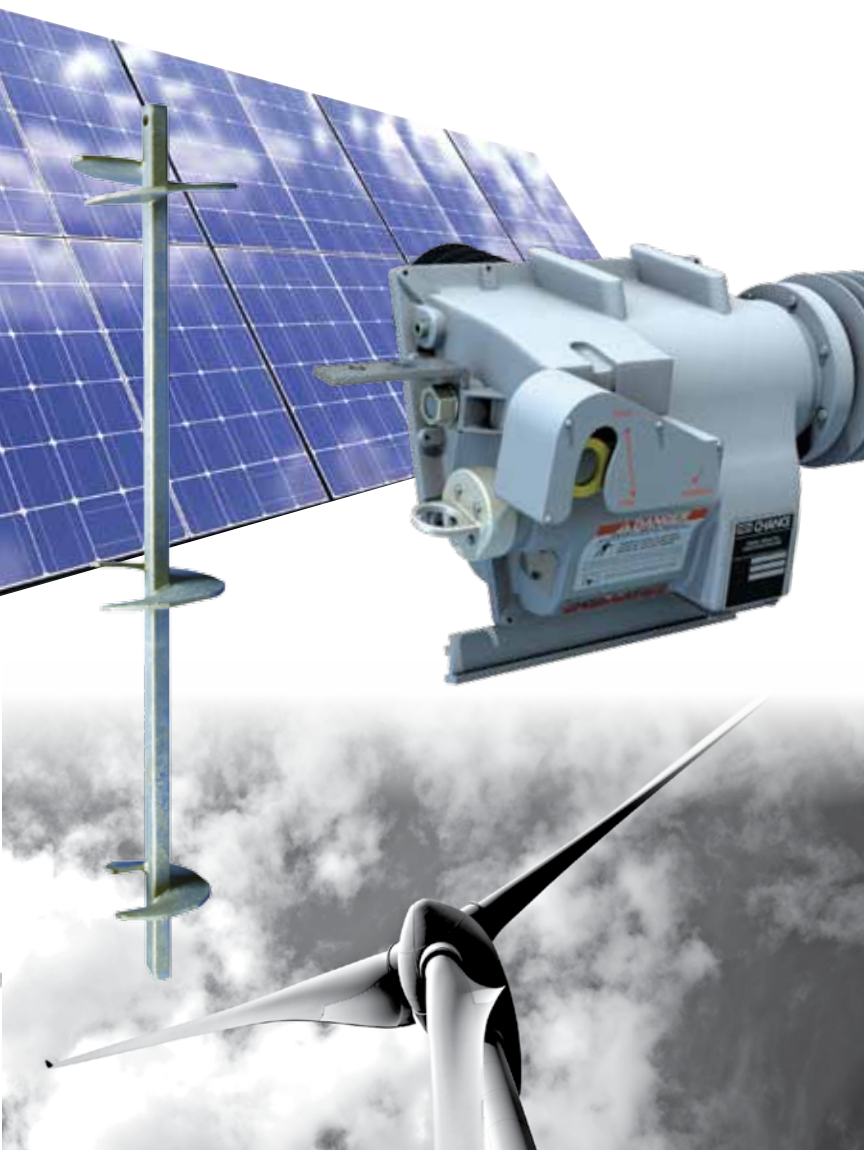
Hubbell Power Systems supports the Telecom market from the ground up. From anchors and enclosures to construction hardware and connectors, we provide the reliable products you need to construct, maintain and manage telecommunication networks.

Outside Plant
Anchors & Foundations
Construction Tools
Connectors
Enclosures



➔ Renewables

Hubbell Power Systems is well positioned to serve the renewable energy market. We provide products that enable smart grid technology, and offer anchors, foundations and hardware that support the solar and wind applications. We will continue to invest in new product development as the demand for alternative energy increases.



ABOUT HUBBELL POWER SYSTEMS

Hubbell Power Systems (HPS) manufactures a wide variety of transmission, distribution, substation, OEM, underground and telecommunications products used by utilities. HPS products are also used in the civil construction, transportation, gas and water industries. Our product line includes construction, switching and protection products, hot line tools, insulators, arresters, pole line hardware, cable accessories, test equipment, transformer bushings, connectors, grounding equipment and polymer precast enclosures and equipment pads.

HUBBELL®
Power Systems

Bulletin No. 19-2001 rev 7/11
A&J 5M 7/11

