



ELECTRICAL POWER PRODUCTS, INC.

Manufacturers Representative



HOWARD™

(INDUSRIAL CONSTRUCTION) Transformers: MediumPower 10-40 MVA, 161 kV & Below), Small Power (225-10,000 kVA, 46 kV & Below), 3-Ph. Pad-Mount (45-10,000 kVA, 34.5 kV & Below), 1-Ph. Pad-Mount (5-500 kVA, 34.5 kV & Below), 1 & 3-Ph. Overhead, Submersible; Voltage Regulators (50-1665 Amps, 50-833 kVA, 2.5-19.92 kV); Junction Enclosures; Sectionalizing Equipment. www.howard-ind.com



PACIFIC CREST
TRANSFORMERS

ALL MARKETS) Pad mount style (75kva-10,000kva, Primary 5kv -52kv live/dead front, Secondary up to 34.5kv)
Secondary Unit Substation & Station Type Transformers: Oil Immersed (75kva – 15,000kva, Primary 5kv – 46kv, Secondary up to 34.5kv) **Power Transformers** (5,000kva – 30MVA base rated, 50MVA top rated, Primary 5kv – 138kv, Secondary up to 69kv, 550kvBIL)

(Located in Medford, OR; formerly Areva/GEC Alstom/Balteau/Standard Trans.)

www.pacificcresttrans.com



G&W ELECTRIC

(INDUSRIAL CONSTRUCTION) Using SF6 & Solid Dielectric Technologies, G&W offers Padmount, Vault & Overhead Switchgear, Reclosers, and Automation Products. Current Limiting System Protection, LaZer Automation solutions (automatic transfer, voltage loss, reconfiguration, fault isolation reconfiguration and smart grids), Cable Accessories and Junction Bars. www.gwelec.com



ALL MARKETS) Battery Chargers (Utility, Marine, Stand-by Generation, Mining, Railroad, Aviation) Rectifiers, Battery Eliminators, Power Boards, Power Supplies, DC-DC Converters, DC Breaker Panels, DC Distribution Panels.

www.lamarchemfg.com



(INDUSRIAL CONSTRUCTION) Power-Grid Solutions (formally Shallbetter) designs, engineers and manufactures low- and medium-voltage power quality, power generation and power transmissions and distribution equipment.

www.shallbetter.com

- Pad mounted Phase Isolation Fuse Gear & Sectionalizing Equipment
- Cable Terminating/Splicing Equipment (Low-voltage)
- Capacitor Banks (Metal Enclosed)
- Enclosures
- Flex Station
- Primary Metering Gear (Pad mounted)
- Switchgear (Metal Enclosed, Metal Clad, Hybrid, Paralleling)
- Switchgear (Pad mounted)
- Arc Flash Management
- Corporate Brochure



(ALL MARKETS) ARTECHE USA is a North American manufacturer of **medium voltage (up to 69kV)** instrument transformers. ARTECHE **Medium Voltage** Outdoor Instrument Transformers are oil free, manufactured with vacuum casting or with automatic pressure gelation (APG) for high dielectric strength. Excellent frequency response, allows the ARTECHE product to be successfully applied in power quality monitoring and harmonics measurement.

www.arteche.com/en/unitusa



(ALL MARKETS)

| Equipment Description | Voltage Class | Current | Short Circuit Withstand | BIL | Standard | Notes |
|---|--------------------|-----------------------------------|--|----------------------------|--|---|
| Arc Resistant Switchgear | 5kV through 38kV | 1200A, 2000A, 3000A, 3500A, 4000A | 25,40, 50 or 60kA (Depending on Voltage) | 60KV, 95KV, 110KV | IEEE/ANSI C37.20.7 | Manufactured to meet Type 2B or 2C |
| Metal Clad Switchgear | 2.4kV through 38kV | 1200A through 3000A | 20KA through 40KA | Up to 200KV BIL | IEEE/ANSI C37.20.2 | |
| Electric Utility Grade/Arc Furnace Switchgear | Up to 34.5KV | 3500A, 4000A, 5000A | Up to 40KA | Up to 200KV BIL | IEEE/ANSI C37.20.2 | Designed for high number of operations (i.e. - 25,000 operations) |
| Generator Switchgear with C37.013 Circuit Breakers | 15KV, 17.5KV | up to 6000A | Up to 63KA | 95KV, 110KV | IEEE/ANSI C37.20.2, C37.013 | |
| Dog House/ Trackside Breakers | 12KV, 24KV, 46KV | 1200A, 2000A | Up to 50KA (Depending on Voltage) | 125KV, 150KV, 200KV, 250KV | IEEE/ANSI C37.20.2 | 25HZ, 50HZ, 60HZ |
| Transit 1 and 2 pole Catenary Switchgear | 12KV, 24KV, | 1200A, 2000A, 2500A | 25KA, 40KA | 150KV, 200KV | IEEE/ANSI C37.20.2, IEEE/ANSI C37.20.7 | 25HZ, 50HZ, 60HZ, Available Arc Res |

<http://www.pacsswitchgearllc.com/>



(ALL MARKETS) Custom designed products or systems (packaged substations, distribution centers, switchgear & relay/control panels). Whether available space, adverse environmental conditions, the blending of new and used components, or an entirely new state-of-the-art system is required can meet your needs.

<http://www.smcelectrical.com/>



ALL MARKETS) Potential Equipment Transformers (PET), Capacitor Blocking Units, Constant Current Regulators and Capaciformers (PET with a coupling capacitor across the H1 and X1) www.specialtytransformers.com



(ALL MARKETS) A Wide Variety of Products Designed to Indicate or Locate Faults on Electrical Utilities Overhead or Underground Distribution Circuits. www.edconfci.com