

COMPLETE TURNKEY SOLUTIONS

PDC & Switchgear

From Specification to Startup

From concept through commissioning, TEC Group works closely with customers, contractors, and engineering teams to help move projects faster with integrated PDC and switchgear solutions backed by responsive support, trusted manufacturers, and extensive application expertise.

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|------------------------------------|-------------------------------|------------------------|--------------------------------|------------------------------|
| Faster Quotes & Responsive Support | One Team from Spec to Startup | Reduced Lead Time Risk | Simplified Vendor Coordination | Hazardous Location Expertise |
|------------------------------------|-------------------------------|------------------------|--------------------------------|------------------------------|

CORE CAPABILITIES

POWER DISTRIBUTION CENTERS

Comprehensive PDC solutions from 600V to 38kV, including MV Metal Clad Switchgear and LV Switchgear up to 6000A, along with breakers, starters, and controls, integrated into a complete power distribution solution.

SWITCHGEAR BUILDINGS

Custom-configured switchgear enclosures including components such as VFDs, circuit breakers, bus ducts, transformers, and all necessary auxiliary systems. Carefully specified from our network of manufacturers.

TRANSFORMER INTEGRATION

LV & MV Voltage dry-type units reach up to 10 MVA, liquid-filled units can handle 46 kV/10 MVA. High Voltage go up to 550 kV/800 MVA. Options include padmount, substation, and drive isolation, tailored to project needs.

POWER QUALITY PROTECTION

Arc flash detection, ground fault monitoring, harmonic filters, line reactors, surge protection, and industrial UPS systems. Complete electrical protection from a single source.

CABLING & CONNECTIVITY

Cable tray systems, glands & cleats, instrumentation & control cables, heat trace, plugs & receptacles, and bus duct. Every conductor pathway covered and fully specified.

HAZARDOUS LOCATION READY

ATEX/IECEX, NEC Class I Div 1 & 2 equipment for refineries, chemical plants, and offshore platforms. Explosion-proof enclosures, lighting fixtures, control stations, and UPS systems.

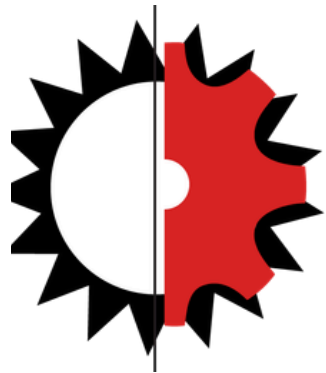
WHY CHOSE TEC Group? | INDUSTRIES SERVED

Why TEC Group for PDC & Switchgear?

- ▶ A dedicated partner from spec to delivery
- ▶ Experienced Application Engineers focused on solutions
- ▶ BOM assistance, part cross referencing, and panel layout support
- ▶ Lighting design utilizing DIALux software
- ▶ Assistance with codes, certifications & standards
- ▶ Competitive pricing through direct manufacturer relationships

Industries & Applications Served

- ▶ Refineries & Petrochemical Plants
- ▶ Chemical Processing & Manufacturing
- ▶ Offshore Platforms & Marine Facilities
- ▶ Industrial EPC & General Contractors
- ▶ Water & Wastewater Treatment
- ▶ Data Centers & Critical Power Applications

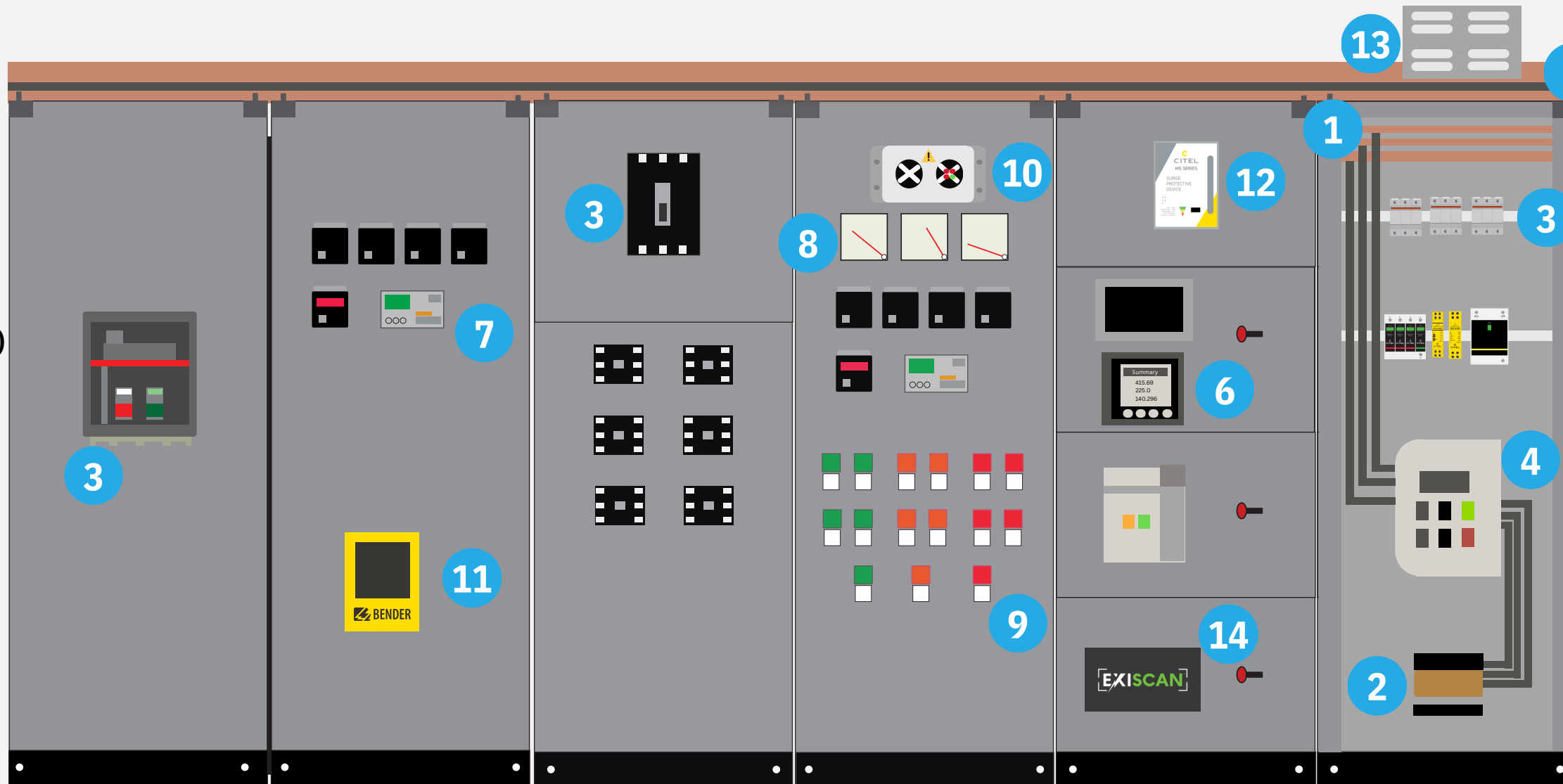


TEC Power

Connecting Manufacturers to Customers with Faith & Integrity

Incoming Power Switchgear

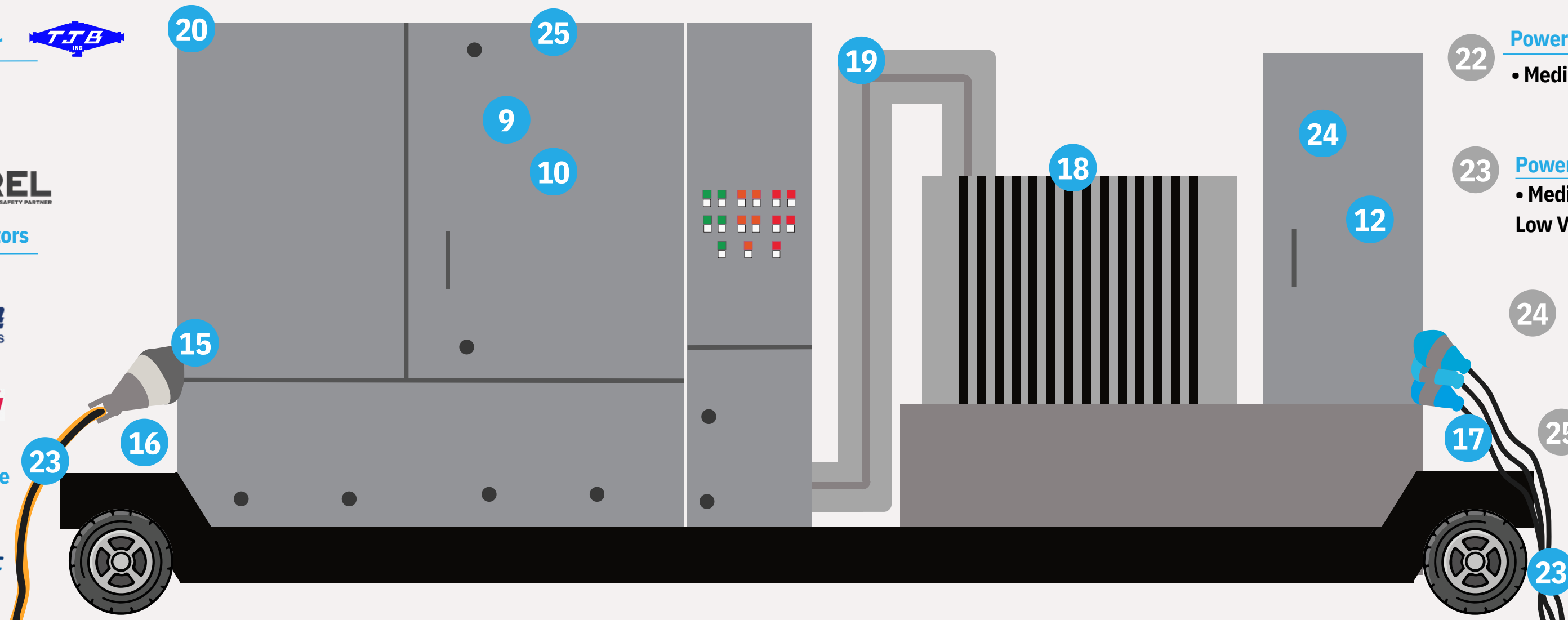
- 1 **Power Buss + Cabling**
GINDRE COPPER
MARMON Industrial Energy & Infrastructure
- 2 **Harmonic Filters and Reactors**
• Active/Passive
Allient Power
LS ELECTRIC
- 3 **Circuit Breakers + Fuses**
• MV Vacuum Circuit Breakers
• MV Air Circuit Breakers
• LV Moulded Case CB's (MCCB's)
• LV Din Rail CB's (MCB's)
• HV, MV + LV AC+DC Fuses
- 4 **LV-VFD'S (1 HP to 1000 HP)**
LS ELECTRIC
- 5 **Busduct (carrying up to AC 1000V and currents from 630A to 6000A)**
LS BUSWAY
- 6 **Power Quality Meters + Utility Grade Energy Meters**
SATEC



- 7 **UPS Systems**
• Industrial
• Commercial / Medical Grade
Chloride™
Triello ups
- 8 **Panel Meters**
PC&S
- 9 **Arcflash Relays & Mitigation**
ARCTEQ
PART OF ENSTO GROUP
- 10 **ARC Flash Safe Ports + Protective Maintenance Monitoring**
GRACE TECHNOLOGIES
- 11 **High Resistance Ground Fault Protection**
BENDER
The Power in Electrical Safety
- 12 **Surge Protection**
CITEL
- 13 **Neutral Grounding and Dynamic Breaking Resistors**
CRQHM RESISTORS
- 14 **IR Windows**
EXISCAN

Mobile Power Distribution Components

- 15 **TJB Connector**
TJB INC
- 16 **Safety Trapped Key Interlocks**
AREL
YOUR SAFETY PARTNER
- 17 **Meltric Connectors**
- 18 **Vantran Transformers**
- 19 **LS BUSWAY**
- 20 **Medium Voltage Switchgear**
LS ELECTRIC



- 22 **Power Couples / Connectors**
• Medium Volume
• Low Voltage
- 23 **Power Cables**
• Medium Voltage + Low Voltage
EK GROUP
- 24 **Insulation Monitoring**
BENDER
The Power in Electrical Safety
- 25 **Ground Fault Protection**