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ENERGY PRODUCTION

Copper State recognizes energy sustainability as an organizational responsibility and supports the ongoing trend towards environmentally conscious projects, operations, facilities, and practices. We provide products and services to utilities generating power as well as to projects developing new power plants.

We provide end-to-end supply chain integration to support utility scale solar projects, benefiting all stakeholders including racking manufacturers, site contractors, developers, and utilities. Through our global supply chain of factory partners and distribution operations, we supply products to customers all over the world. Our in-house manufacturing facility produces large diameter critical care fasteners, and the revolutionary new product, the Load Monitoring Fastener (LMF+).

With world-class products, value added services, creative solutions, and our dedicated staff experts, we support energy production throughout every stage of the power generation life cycle.

INDUSTRY SUPPORT

- **Power Generation Support**
 - Solar
 - Wind
 - Nuclear
 - Geothermal
 - Hydroelectric
 - Natural Gas
 - Coal
 - Emerging Energy Storage Solutions
- **Engineering Support**
 - Specifications, options, and alternatives
 - VA/VE guidance and support
 - Quality lab facilities in U.S. and Asia
 - Lot control/mapping and quality certifications
 - BOM and revision control
 - Large diameter product manufacturing
 - Load Monitoring Fasteners (LMF+)
- **Procurement Support**
 - Global sourcing and operations
 - Distribution from U.S., China, or Taiwan
 - Factory direct supply chain
 - Blanket orders
 - Stocking agreements
 - Vendor Managed Inventory (VMI)
 - Cut-to-Length product and pre-fab
 - Kitting and Assembly
- **Construction Support**
 - Pallet sequencing & site logistics
 - Just-in-time shipments
 - Boxes, Pails, Bags, and other storage
 - Eliminating storage deterioration
 - Reduce product loss
 - Easy product identification
 - Document control & site map
 - Drastically reduced labor costs
- **Facility Support**
 - Transmission & Distribution
 - Generation & Operations
 - Project, shutdown, and repair support
 - After-hours and emergency support
 - MRO and consumable supplies
 - Specially manufactured products
 - Local inventory and service
 - Safety practices on-site

LOAD MONITORING FASTENER^{plus}

Powered by
Transmission
Dynamics

Do you want to be notified
when a critical bolt comes loose?

LMF⁺

THE FUTURE OF CRITICAL BOLTING.



PRODUCTS & SERVICES

EVERYTHING YOU NEED TO GET THE JOB THE DONE.

SEQUENCING & SITE LOGISTICS

- Reduce labor costs and save time in the field
- Unparalleled labeling & palletization techniques
 - Products arranged in their point-of-use order prior to delivery
 - Eased receiving processes
 - Reduction of lost product
 - Space saved on the jobsite



Sequenced jobsite palletization

Vendor Managed Inventory

- Site consumable and safety products
- Facility MRO items and project needs
- Safety stock programs for production hardware
- Rack manufacturer inventory on-hand at Copper State to support JIT site deliveries



PACKAGING, KITTING, & ASSEMBLY

- Custom and versatile kitting, packaging, and product assembly services
- Materials:
 - Bags
 - Biodegradable Poly Material
 - Boxes
 - Pallets
 - Reusable Bins
 - Totes
 - Weatherproof Buckets
- Custom and private labeling available
- Pre-assembly of fasteners and racking components, fastener insertion, and installation solutions to minimize cost per watt



PPE



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www.copperstate.com