



Tri-M Critical Power Services

**Bringing You
the Power to Achieve!**

The Tri-M Critical Power Services division emphasizes exemplary quality work that repeatedly meets time and budgetary constraints and specializes in utilizing innovative technology to provide the best solutions, products and services to our customers.



Services

- ◆ New Construction
- ◆ Expansion
- ◆ Engineering
- ◆ Preventive Maintenance
- ◆ Service Calls
- ◆ Troubleshooting
- ◆ Emergency Services (24x7)
- ◆ Predictive Services

Engineering & Design

- ◆ Plan and Design DC Power & UPS Systems
- ◆ Scope of Work & Methods of Procedure
- ◆ AutoCAD Schematics & Plans
- ◆ Plant Audits & Site Surveys
- ◆ Seismic Considerations
- ◆ AC Power Distribution & Lighting
- ◆ Specifications, Equipment Lists & Bills of Material
- ◆ Staff of Registered Professional Engineers in PA, DE & MD

Equipment

- ◆ Wet Cell & VRLA Batteries
- ◆ Secondary Power Distribution
- ◆ Battery Spill Containment
- ◆ Cable & Busbar Plants
- ◆ Battery Disconnects
- ◆ AC Power Distribution
- ◆ Rectifiers, Converters & Inverters
- ◆ UPS Systems
- ◆ Primary Power Distribution
- ◆ Alarm, Monitor and Control Systems

Installation

- ◆ Trained & Certified DC Power Technicians
- ◆ Power Distribution Expansion
- ◆ Existing Power Plant Upgrades
- ◆ Registered Journeyman Electricians
- ◆ Complete Power Plant Replacement
- ◆ New DC Power System Construction
- ◆ Plant Turn-Up & Test
- ◆ Installation Audit and Plant Acceptance
- ◆ Customer Training

Preventive Maintenance

- ◆ Inspect Power Systems, Personal Protective Equipment & Battery Spill Containment Systems
- ◆ Measure Battery Cell Voltages, Intercell Resistances, Strap Resistances, Specific Gravity & Temperature
- ◆ Verify Power Plant Voltages and Alarm & Control Settings
- ◆ Inspect Batteries for Cracks, Bulges & Acid Leaks
- ◆ Inspect Battery Cable Connections & Intercell Connections
- ◆ Perform Thermal Scans on Circuit Breakers & Cable and Bus Connections

The Tri-M Group, LLC

- ◆ Electrical Construction
- ◆ Building Automation Systems
- ◆ Network Services

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