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## **Wunderlich-Malec's New Baldwin, Florida Facility A Key To Redefining Electrical Power Distribution**

Wunderlich-Malec's innovative 61,000 Sq.Ft. Baldwin Facility will service industries rapidly expanding modular electrical control enclosure and skid manufacturing demands. With our 100,000 Sq.Ft. Maine fabrication site we are a leader in providing modular enclosures. We will provide the design engineering and testing to deliver fully integrated modular power distribution solutions.

### **WM Skilled Engineers Design Substation & Power Distribution Systems**

Our engineers are skilled in substation design and electrical distribution engineering. From power system studies to advanced electrical system modeling and detailed designs we have proven experience in delivering successful projects. We ensure NERC compliance and Electric Grid integration.

- **Protection & Control Engineering**
- **Conceptual One-Line Drawings**
- **Budget Development & Cost Control**
- **One Line & Three Line Drawings**
- **Schematics & Wiring Diagrams**
- **Civil & Structural Design**
- **Specification Development**

### **Industry Leader Providing Modular Electrical Control Enclosures**

With our Maine world class ISO 9001 fabrication facilities we deliver modular electrical control enclosures to the nation's leading utilities. Working in collaboration with client design teams we provide detailed engineering support and factory relay & equipment settings and testing in compliance with their site requirements.



### **Experienced Protection & Control System Design with Integrated Communication**



- **Advanced Communication Designs**
- **Experienced with IEC 61850, GOOSE messaging, MMS communications, & leading PLC, DCS & SCADA systems**
- **NERC compliant GRID integration**
- **Power Line & Satellite Testing**

### **Testing & Site Commissioning Services**

WM provides full-scope factory acceptance testing including relay and functional testing of control enclosure systems. We provide site installation supervision, testing and commissioning services ensuring complete integration with all existing systems reducing risks and delivering fully operational systems.

- **Relay & Switchgear Turnkey Upgrades**
- **Site Installation Supervision**
- **Site Electrical System Testing**
- **Commissioning Service**

**Electric Power  
Infrastructure Systems**

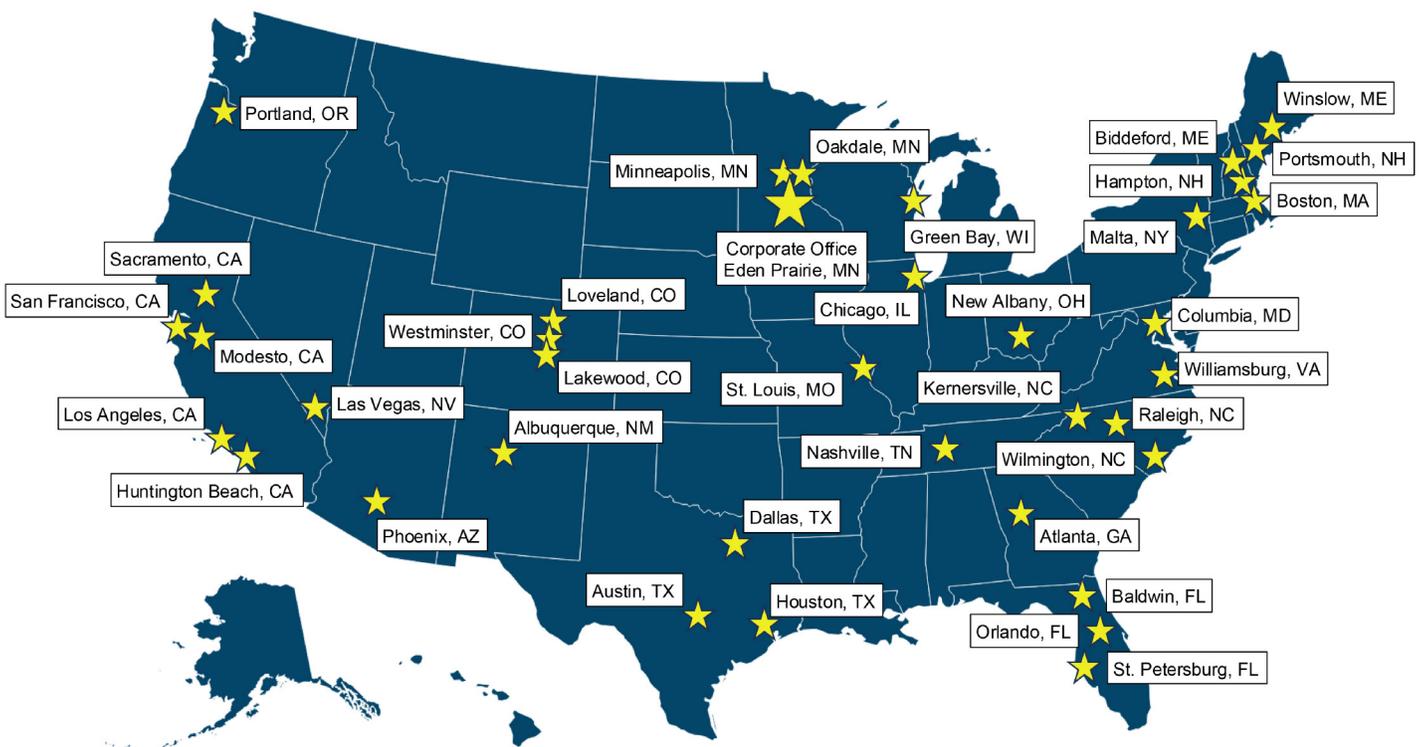


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## Engineering Experience You Can Count On Since 1981

- **Control System Integration**
- **Manufacturing Execution Systems**
- **IT/OT Convergence Systems**
  - Industrial Foundation Networks
  - Cloud Based IIOT Applications
- **Panels & Modular Manufacturing**
  - Control Panel Fabrication
  - Substation Modular Enclosures
- **Facilities Engineering**
  - Mechanical Designs
  - Process Engineering
  - Electrical Engineering
- **Electrical & Power Engineering**
  - Power Engineering for Substation T&D
  - Power Automation, Monitoring & SCADA
  - Electrical Testing & Commissioning
- **Architectural & Civil/Structural**
- **Federal A-E Design Service**
- **Design Packaging Solutions**
- **Rotating Equipment Control System**
- **Environmental Information Systems**
- **Energy Sustainability & Microgrids**
- **Industrial Water Treatment**
- **Capital Project Management**



### Our Alliance Partners



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Corporate Capabilities