

BALDWIN TECHNOLOGIES, INC.

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ELECTRICAL SYSTEM COMMISSIONING, TESTING, & OPERATIONS **SUPPORT SERVICES FOR CRITICAL LOADS**

1. ENGINEERING SUPPORT SERVICES

- Electrical system evaluation, trouble shooting and documentation
- One-line and riser diagram creation
- Power system survey and analysis
- Power Quality & Grounding surveys
- Power problem consulting

2. SHORT CIRCUIT AND COORDINATION STUDIES

- Computer based short circuit studies
- System operational modeling for different system operational scenarios
- Color coordination curves for existing and recommended system paths

3. ARC FLASH HAZARD ASSESSMENT AND LABELING (NFPA 70E & IEEE 1584)

- Computer based arc flash analysis in coordination with short circuit calculations
- Arc flash labeling
- Energized work permits

4. WEB BASED MULTIPOINT POWER QUALITY METERING

- Dranetz-BMI Encore, Z-Meter and PowerSight equipment source
- Power Quality metering system planning, design, installation and training services
- Supplementary power quality remote monitoring over the Web with interpretation of results consulting
- A cost effective multi-point power quality metering system which captures total facility power quality metering data during the commissioning process to more fully document system performance – then compare operational data to commissioning data throughout the life of the facility!
- Trend analysis – predictive maintenance consulting

5. SELF DESCRIBING ASSET MANAGEMENT

- Octave Technology, Inc. powered solutions for self describing asset management
- Electronically store equipment specification data, O&M manuals, operations/repair data right on the equipment itself.
- Wireless Sensor Network, RFID and other self describing asset tagging for critical equipment asset management - consulting and solutions

6. ACCEPTANCE/START-UP TESTING

- Dummy load/load bank testing
- System certification
- Infra-red imaging

7. EQUIPMENT MAINTENANCE SERVICES

8. EMERGENCY SERVICE AND REPAIRS

9. TURN KEY DESIGN/BUILD SOLUTIONS FOR CRITICAL ENVIRONMENTS

- GSA Schedule for turn-key services – GSA #: GS-07F-0718N

MISSION STATEMENT

Provide Appropriate and Cost Effective (ACE) solutions for our customers' critical load requirements, and providing leading edge instrumentation solutions. Maintain the highest standards of professionalism in the areas of engineering, design, construction, and after sales service.

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