



# Maintenance Services

Call 1-800-342-0878

## 1) BATTERY LOAD TEST

### **Included services**

- Visual inspection of battery strings
- Inter-cell impedance
- Load test per manufacturer specifications

### **Optional Services**

- Measure internal cell impedance and AC ripple
- Retorque all intercell connections
- IR scan during load test (include only problem pics in report)

## 2) DC POWER PLANT

### **Included Services**

- Visually inspect all DC Plant components
- Visually inspect all BDFBs
- Verify cable and busbar sizes/ampacities

### **Optional Services**

- Inventory all DC Plant components and include in report
- Inventory all BDFBs and include in report
- Clamp on all DC loads and include in report
- Verify cable/busbar sizes and ampacities and include all finding in report
- IR scan all DC components/connections and report only problems
- IR scan all CD components/connections and report all finding

## 3) AC SYSTEM

### **Optional Services**

- Verify existing panel schedules' accuracy
- Clamp on current readings of all loads
- IR scan AC panels and report only problems found
- IR scan AC panels and report all findings
- Revise existing AC Riser diagram
- Create new AC Riser diagram
- AC switchgear testing and maintenance

## 4) ALARM VERIFICATION

### **Optional Services**

- Verify power alarm settings
- Verify power alarms report to remote monitoring center (NOCC)
- Verify UPS/Inverter alarms report properly
- Verify generator/transfer switch alarms report properly
- Verify other alarms (HVAC building security, etc)

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## 5) FACILITY INSPECTION

### Optional services

- Verify/revise equipment layout on floor plan
- Verify/revise cable tray layouts on floor plan
- Additional for above in AutoCAD
- Cable tray/ironwork support inspection
- Dedicated cable tray compliance inspection

## 6) GENERATOR

Standard PM

### Optional Services

- Run generator under site load and record voltage and current readings at ATS
- Full generator load test with artificial load
- IR scan ATS and include only problems in report
- IR scan ATS and include all findings and pictures in report

## 7) GROUNDING

### Optional Services

- General ground path and cable size inspection
- Clamp on all ground cables and report only problems found
- Clamp on all ground cables and report all findings with tables in report
- Revise existing Single Point Grounding drawing provided by customer
- Create new Single Point Grounding drawing on equipment layout

## 8) HVAC INSPECTION

### Included Services

- Visual inspection including filters, airflow, belt condition, etc
- Check alarm history and runtime logs where available for irregular alarms/runtimes

### Optional Services

- Inventory all units (make/model) and include all information in report
- Include all alarm histories and runtime logs in report

## 9) UPS

### Optional Services

- Standard Preventive Maintenance
- Battery readings only
- Load test batteries

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