

## GENERATOR PERIODIC MAINTENANCE

|             |                     |                  |                     |                         |               |
|-------------|---------------------|------------------|---------------------|-------------------------|---------------|
| CUSTOMER:   | DATE OF SERVICE:    | SERVICE ORDER #: | CUSTOMER PO#        | PM SERVICE TYPE         | CONTACT NAME: |
| MAKE:       | MODEL:              | SERIAL NUMBER:   | UNIT ID NUMBER:     | START HOURS-END HOURS   |               |
| ENGINE MAKE | ENGINE MODEL        | ENGINE FAMILY    | ENGINE SPEC-CPL     | ENGINE FUEL TYPE        |               |
| ATS 1 MODEL | ATS 1 SERIAL NUMBER | ATS 2 MODEL      | ATS 2 SERIAL NUMBER | TYPE OF CRITICAL EQUIP: |               |

| SERVICE CHECK ITEMS      | GENERATOR SPECS     | BATTERY SYSTEMS         |
|--------------------------|---------------------|-------------------------|
| CHECK OIL LEVEL          | KW-KVA-AMPERAGE     | B1 STATIC/CRANK VOLTS   |
| CHECK COOLANT LEVEL      | VOLTAGE CODE-PF     | B1 DATE CODE            |
| CHECK GEAR BOX OIL       | GEN RUNNING CHECKS  | B2 STATIC/CRANK VOLTS   |
| CHECK GOVERNOR OIL       | OIL PRESSURE        | B2 DATE CODE            |
| CHECK ALL HOSES          | WTR TEMP UNLOADED   | B1/B2 WATER LEVEL SIZE  |
| CHECK ALL HOSECLAMPS     | WTR TEMP LOADED     | CHARGER AMPS            |
| INSPECT FOR LEAKS        | FREQUENCY UNLOADED  | TRANSFER SWITCH ITEMS   |
| TURBO LEAKS END PLAY     | FREQUENCY LOADED    | CONTACT TEMP UTL-LD-GEN |
| INSPECT FAN HUB-DRIVE    | VOLTS UNLOADED      | UTILITY VOLTAGE         |
| INSPECT BELTS            | VOLTS LOADED        | GEN VOLTAGE             |
| INSPECT RADIATOR & CAP   | AC AMPS LOADED      | SET-CHECK EXERCISER     |
| CHECK RADIATOR EXH       | PF UNDER LOAD       | INSPECT BATTERY         |
| CHECK FRESH AIR INTAKE   | DC ALT VOLTAGE      | TIME TO START-TRANSFER  |
| CHECK DAY TANK           | DC ALT AMPERAGE     | RETURN TO UTL TIME      |
| INSPECT GOV CONTROLS     | RPM UNLOADED        | COOLDOWN TIME           |
| INSPECT EXCITER          | RPM LOADED          | TEST SAFETY ITEMS       |
| CHECK EXCITER BEARING    | COOLANT FREEZE PNT  | OVERCRANK/OVERSPEED     |
| LUBE ALL POINTS          | COOLANT SCA/DCA     | LOW OIL PRESSURE        |
| INSPECT MLCB WIRING      | FUEL STATIC         | LOW COOLANT LEVEL       |
| INSPECT CONTROL GAUGES   | FUEL CRANK          | HI WATER TEMPERATURE    |
| INSPECT FOR DAMAGE       | FUEL RUNNING        | E-STOP/REMOTE E-STOP    |
| INSPECT BATTERY CHARGER  | FUEL LEVEL IN TANK  | RUPTUR BASIN SD         |
| CLEAN UNIT OF DEBRIS     | DPF PRESSURE IDLE   | LOW FUEL LEVEL SD       |
| CHECK CLEAN AIR FILTER   | DPF PRESSURE LOAD   | GASEOUS FUELED ENGINES  |
| CHECK CCV FILTER         | DPF TEMP UNLOADED   | CHECK PLUGS AND WIRES   |
| CHECK OIL RESERVE SYSTEM | DPF TEMP LOADED     | CHECK DISTRIB CAP/RTR   |
| INSPECT REMOTE FUEL SYS  | CHECK O2 MODULATION | CHECK PCV VALVE         |
| INSPECT BLOCK HEATER     | CHECK ECU VALUES    | INSPECT REGULATOR/AFRC  |

ADDITIONAL REPAIRS:

| QTY | PART NUMBER | DESCRIPTION | QTY | PART NUMBER | DESCRIPTION |
|-----|-------------|-------------|-----|-------------|-------------|
|     |             |             |     |             |             |
|     |             |             |     |             |             |
|     |             |             |     |             |             |
|     |             |             |     |             |             |

|                                |                       |       |
|--------------------------------|-----------------------|-------|
| UNIT IN AUTO/MLCB CLOSED       | TECHNICIAN SIGNATURE: | DATE: |
| CUSTOMER REFUSES TRANSFER TEST | CUSTOMER SIGNATURE:   | DATE: |

# Load Bank Report

|                         |                            |                         |                         |                            |                        |                         |                            |                        |    |  |
|-------------------------|----------------------------|-------------------------|-------------------------|----------------------------|------------------------|-------------------------|----------------------------|------------------------|----|--|
|                         |                            |                         |                         |                            |                        |                         |                            |                        |    |  |
| Work Order #            | Service Type               | Dealer Name/Number      | Site Address            |                            | GPS                    | Latitude                |                            |                        |    |  |
|                         |                            |                         |                         |                            |                        | Longitude               |                            |                        |    |  |
| Site Number             | Site Name                  | Technician Name (Print) | Technician Signature    |                            |                        |                         | Date of Startup/PM         |                        |    |  |
|                         |                            |                         |                         |                            |                        |                         |                            |                        |    |  |
| Engine Make/Model       | Engine Serial Number       | Generator Make          | Generator Model #       | Generator S/N              | Fuel Type              | KW Rating               | Hour Meter                 |                        |    |  |
|                         |                            |                         |                         |                            |                        |                         |                            |                        |    |  |
| Transfer Switch #1 Make | Transfer Switch #1 Model # | Transfer Switch #1 S/N  | Transfer Switch #2 Make | Transfer Switch #2 Model # | Transfer Switch #2 S/N | Amps                    | Voltage                    | # Phases               | Hz |  |
|                         |                            |                         |                         |                            |                        |                         |                            |                        |    |  |
| Transfer Switch #3 Make | Transfer Switch #3 Model # | Transfer Switch #3 S/N  | Transfer Switch #4 Make | Transfer Switch #4 Model # | Transfer Switch #4 S/N | Transfer Switch #5 Make | Transfer Switch #5 Model # | Transfer Switch #5 S/N |    |  |
|                         |                            |                         |                         |                            |                        |                         |                            |                        |    |  |

For sites with more than 5 transfer switches please add additional transfer switch information to **Foot Notes**

| Time         | Hour Meter | Loaded % | KW  | Voltage     |     |         | Amperage |         |         | Oil PSI | Coolant Temp. | Amb Air Temp. | Comments |
|--------------|------------|----------|-----|-------------|-----|---------|----------|---------|---------|---------|---------------|---------------|----------|
|              |            |          |     | Three Phase |     |         | Phase A  | Phase B | Phase C |         |               |               |          |
|              |            |          |     | A-B         | B-C | C-A     | Phase A  | Phase B | Phase C |         |               |               |          |
| Single Phase |            |          | A-N | B-N         | A-B | Phase A | Phase B  | N/A     |         |         |               |               |          |
| Start        |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 0:15         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 0:30         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 0:45         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 1:00         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 1:15         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 1:30         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 1:45         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 2:00         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 2:15         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 2:30         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 2:45         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 3:00         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 3:15         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 3:30         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 3:45         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 4:00         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| 4:15         |            |          |     |             |     |         |          |         |         |         |               |               |          |
| Cool Down    |            |          |     |             |     |         |          |         |         |         |               |               |          |

Footnotes

Comments