PREVENTIVE MAINTENANCE REPORT FOR SCHEDULE NO. EDS-43A
GENERATOR CUBICLE

JOB NAME:

JOB LOCATION:

JOB NO.: CUBICLE: GEN. NO.:

VOLTAGE: KW: Ø W

1. Check equipment service records for previous problems.

2. Interior Wiring and Components:

   a. Visual inspection of all wiring and connections for signs of tracking, overheating, and insulation deterioration.

   b. Check and tighten, where necessary, all control wiring terminals.

   c. Check switches for free movement and contact continuity.

   d. Check all time delay settings.

   e. Check, clean, and adjust where necessary, relay finger contacts.

   f. Check common and ground wires. Measure resistance. Ohms

   g. Check operation and contacts of all plug-in relays.

   h. Inspect metering and control transformers.

   i. Check all fuses for correct size.

3. Generator Circuit Breakers Catalog #
   Serial #

   a. Remove drawout breakers.

   b. Clean and lubricate drawout mechanism.

   c. Check all interlocks and auxiliary contacts.

   d. Check condition of main and arcing contacts.

   e. Clean and lubricate operating mechanism.

   f. Check breaker overcurrent trip setting for correct values.

   g. Clean interior of breaker cubicle.

   h. Replace breakers and check close an trip operation.

4. Indicators and Instruments

   a. Check all pilot indicating lights.

   b. Check all pre-alarm and shutdown failures.

   c. Check accuracy of meters and instruments.

   d. Reverse power relay settings. pick-up @ time.

5. System Testing

   a. Bring engine on line and check for proper operation of governor and voltage regulator system.

   b. Check operation of dead bus circuits.

   c. Check operation of automatic synchronizers.

   d. Check manual synchronizing circuit.

   e. Review operation with maintenance personnel.

6. Enclosure

   a. Wipe down and clean exterior of cubicle.

   b. Clean interior of accumulated dirt and dust.

   c. Check operation of door locking mechanisms.

7. Readings

   Voltage

A to B	A to N		
B to C	B to N		
A to C	C to N	Frequency	HZ.

8. Miscellaneous

   a. Note any corrective actions taken.

   b. Report unsafe condition.

   c. Report recommendations for replacement of major components.

Date Service Performed: Service Engineer: