



Project Overview

- Stator Rewinding & Rotor Service - 10,950 kW Machine
- Complete rewinding with Class F GVPI insulation coils, comprehensive rotor servicing and precision reassembly to restore peak performance and operational reliability.

●➡ Swipe to see technical specs and test plan

CORAL



Machine Details

BASIC INFORMATION ABOUT COIL & MACHINE

COUNTRY	MAKE	kW	VOLTS	AMPS	HZ	POLES	RPM	INS.CL
INDIA	LDW	10950	11000	647	50	4	1493	F



Scope of Major Work

End-to-End Engineering Execution

- Removal of existing winding & core testing
- Manufacturing and installation of new stator coils
- Complete rotor servicing and balancing at 800 RPM
- Full stator-rotor assembly
- Trial run conducted at 6 kV

Ensuring mechanical integrity and electrical reliability.



Coil Testing & Quality Assurance

Comprehensive Electrical Testing

- Dimensional verification
- Coil resistance measurement
- IR testing at 5 kV (before & after HV test)
- DC HV test at 22 kV for 1 minute
- Surge comparison test at 15 kV
- HV/HF inter-turn test at 15 kV



Current Project Status

Work in Progress

- Core cleaning and rotor servicing underway
- Serial production of coils in progress

Moving steadily toward successful commissioning.