

BESS (400MWH) Implementation at NTPC Mouda Super Thermal Power Station

BRIEF SCOPE

Name of the Project	BESS (400MWH) Implementation at NTPC Mouda Super Thermal Power Station
Project capacity	400 MWh
BESS Service Life	The designed service life of BESS shall be 12 years. BESS shall be designed for two cycle operations per day. Comprehensive Annual Maintenance Contract (CAMC) for 11 years is included in the scope of this project.

- The BESS shall comprise of Battery System, Battery Management System (BMS), Energy Management System (EMS) and SCADA, Power Conversion System (PCS), Protection system, Communication System, HT & LT System, Auxiliary power system, Fire Detection and Protection System, remote control and monitoring, and all other associated materials and accessories necessary for trouble free operation and maintenance of the BESS system.
- Interconnection with the existing thermal power plant facilities.
- Comprehensive Annual Maintenance Contract (CAMC) of the BESS system for a period of 11 years from the date of successful completion of Performance Guarantee (PG) Test