



**50 MW Rental Basis Power Plant
at
Katakhali Power House, Rajshahi.**

PROPOSED PROJECT'S SUMMARY AT A GLANCE

AT KATAKHALI, RAJSHAHI, BANGLADESH

01. Site	: Katakhal, Rajshahi, Bangladesh
02. Offered Capacity	: 50MW
03. Type of Machine	: W20V32Genset Engine by Wartsila
04. Number of Unit	: 6Nos.
05. Capacity of each Unit	: 8.9240MW
06. Manufacturer	: Wartsila Finland Oy, Finland
07. Type of Liquid fuel	: HFO
08. Guaranteed Net Flat Heat Rate	: 8272 KJ/kwh
09. Evacuation Voltage	: 132 KV
10. Operating Voltage Range	: +10%, -20%
11. Operating Frequency Range	: 50Hz ($\pm 3\%$)
12. Minimum Continuous Loading capacity	: 25% of Guaranteed Capacity
13. Annual Plant Availability	: 90%
14. Net output at site condition(at 35° C, 1.013 Bar, 98% RH)	: 50MW
15. Contract Peiod	: 5 Years
16. Offered Plant location	: 270 Days
17. Completion time/commercial operation date(COD)	: Northern Power Solution Limited
18. Owner of the offered plant with	: Holding No. 57/4, Lake Circus, Kala Bagan, Dhaka, Bangladesh
19. Comments	: All machines are brand new (2010)
20. Annual capacity	: 50MW
21. Project cost	: BDT 335.00Crore (approx)

KATAKHALI 50 MW QUICK RENTAL POWER PLANT PROJECT

