POWER GRID COMPANY OF BANGLADESH LTD. NATIONAL LOAD DESPATCH CENTER DAILY REPORT

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4698.5 MW at Till now the maximum generation is: 20-Aug-10 The Summary of Yesterday's (20-Mar-11) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand Day Peak Generation 3588.0 MW Hour 10:00 Min Gen. at 8:00 3513 **Evening Peak Generation** 3740.0 MW Max Generation 3760 MW Hour 21:00 MW MW E.P. Demand (at gen end) : 5200.0 21:00 Max Demand 5250 Hour 3820.5 MW Maximum Generation MW Hour 3:00 Shortage 1490 Total Gen. (MKWH) 85.60 System L/ Factor 85.41% Load Shed 1286 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum MW 10344500 KWHR. at Energy Import from West grid to East grid :- Maximum MW KWHR. Energy at

Water Level of Kaptai Lake at 6:00 A M of 21-Mar-11

Actual 81.76 Ft.(MSL) Rule curve 89.80 Ft.(MSL)

Gas Consumed : MMCFt. Oil Consumed (PDB):

HSD 1033006 Liter

21-Mar-11

Reporting Date:

FO 198645 Liter

Cost of the Consumed Fuel: Gas Tk48,158,278 : Tk45,293,124 Total : Tk93,451,402

Load Shedding & Other Information

Area	Yesterday		Today					
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Estimated Shedding (s/s e Rates of Shedding			
	MW		from toMW	MW	(On Estimated Demand)			
Dhaka	496	(17:50-Till Now, Gen. shortage)	1950	514	26%			
Chittagong Area	172	(17:50-Till Now, Gen. shortage)	555	172	31%			
Khulna Area	153	(17:50-Till Now, Gen. shortage)	510	160	31%			
Rajshahi Area	138	(17:50-Till Now, Gen. shortage)	416	129	31%			
Comilla Area	99	(17:50-Till Now, Gen. shortage)	329	102	31%			
Mymensing Area	63	(17:50-Till Now, Gen. shortage)	213	66	31%			
Sylhet Area	41	(17:50-04:10, Gen. shortage)	227	41	18%			
Barisal Area	25	(17:50-Till Now, Gen. shortage)	99	31	31%			
Rangpur Area	73	(17:50-Till Now, Gen. shortage)	232	71	31%			
Total	1260	21:00	4531	1286				

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	2) Ashuganj-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	3) Khulna-110 MW(17/03/11)
4) Ashuganj-4(12/09/10)	4) B.Pukuria #2 (17/03/11)
5) Raozan-1 (03/10/10)	
6) Kaptai #5 (02/11/10)	
7) Kaptai #3 (1/12/10)	

Additional Information of Machines, lines, Interruption / Forced Load shed etc.

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- a) There was generation shortage in the evening peak hour yesterday.
- b) Due to low gas pressure Baghabari 100 MW and RPCL (210 MW) were limited to 65 MW and 105 MW respectively.
- c) Megnaghat GT1,GT2 & ST tripped at 14:27 due to steam turbine control fail.
- d) After maintenance Ghorasal #4 was synchronized at 15:38.
- e) Fenchuganj GT2 was forced shut down at 00:06(21/03/11) due to exhaust gas leakage.
- f) Madanganj RPP tripped at 01:51(21/03/11) due to unit breaker problem.
- g) Shahjibazar GT9 was shut down at 06:10(21/03/11) due to changing air filter.
- h) Mymensingh-Jamalpur 132kV line-2 was shut down at 12:33 due to air compressor maint. of breaker at Mymensingh end and was switched on at 14:20.
- i) Ghorasal-Rampura 230kV line-2 was shut down at 13:40 due to SCADA interfacing work and was switched on at 15:55.

So about 1260 MW (21:00) of load shed was imposed over the whole areas of the national grid.

Due to generation shortage, about 614 MW (09:00) of load shed has been running since morning (21/03/11) over the whole area (Except Sylhet)of the national grid.