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

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Reporting Date : 2-Sep-10 4698.5 MW at Till now the maximum generation is : 20-Aug-10 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand The Summary of Yesterday's ( 1-Sep-10 Day Peak Generation 4103.0 MW Hour 11:00 Min Gen. at 8:00 4098 **Evening Peak Generation** 4225.5 MW Max Generation Hour 20:00 4545 MW MW 5500 E.P. Demand (at gen end) : 5200.0 20:00 Max Demand MW Hour 4573.5 Maximum Generation MW Hour 4:00 Shortage 955 MW Total Gen. (MKWH) 96.87 System L/ Factor 85.41% Load Shed 817 MW EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR Export from East grid to West grid :- Maximum MW 11204000 KWHR Energy Import from West grid to East grid :- Maximum MW KWHR. Energy at

> Water Level of Kaptai Lake at 6:00 A M of 2-Sep-10 Ft.(MSL) Rule curve 99.23 Ft.( MSL )

Gas Consumed : MMCFt. Oil Consumed (PDB):

HSD 1803776 Liter

FO 0 Liter

Cost of the Consumed Fuel (PDB): Gas : Tk72,151,054 Total: Tk130,848,898

## **Load Shedding & Other Information**

Area	Yesterday			Today	
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from toMW	MW	(On Estimated Demand)
Dhaka	371	(18:10-04:20 gen. shortage)	2031	316	16%
Chittagong Area	109	(18:10-04:20 gen. shortage)	576	114	20%
Khulna Area	94	(18:10-04:45 gen. shortage)	525	104	20%
Rajshahi Area	83	(18:10-05:44 gen. shortage)	430	84	20%
Comilla Area	53	(18:10-05:07 gen. shortage)	338	66	20%
Mymensing Area	47	(18:10-05:07 gen. shortage)	225	44	20%
Sylhet Area	19	(18:10-04:15 gen. shortage)	240	22	9%
Barisal Area	11	(18:10-04:45 gen. shortage)	102	20	20%
Rangpur Area	45	(18:10-05:44 gen. shortage)	240	47	20%
Total	832	20:00	4707	817	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Kaptai- 3 (19/04/08)
	2) Khulna 110MW (31/03/09)
	3) Haripur SBU GT-3 (18/06/09)
	4) Ghorasal 2(26/04/10)
	5) Siddirganj GT-1 (18/06/10)
	6 ) Ghorasal 6(18/07/10)

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

Description	Forced load shaded / Interrupted Areas
a) There was generation shortage in the evening peak hour yesterday.	So about 832 MW (20:00) of load shed was imposed over the
b) Due to gas limitation RPCL (210 MW),Tongi (105 MW) and HPL (360 MW) were limited to	whole areas of the national grid .

- 89 MW, 50 MW and 334 MW respectively.
- c) Megnaghat (450 MW) GT-1 & 2 and ST. tripped at 12:59 and 13:38 due to voltage fluctuation
- and fuel gas compressure trip; and was synchronized at 17:16 & 22:58 and 18:12 respectively.
- d) NEPC tripped at 12:58 showing E/F and was synchronized at 13:56.
- e) Haripur SBU tripped at 12:58 due to under voltage and was synchronized at 14:52
- f) Siddhirganj PPP tripeed at 12:58 due to under voltage and was synchronized at 15:30.
- g) Ashuganj CCPP GT-2 tripped at 12:58 due to exhaust temperature high and was synchronized at 13:50. h) Megnaghat ST.was force shut down at 21:01 and was synchronized at 00:52(02/09/10).
- i) Megnaghat GT-2 was force shut down at 21:01 due to leakage of feed water line and was synchronized at 22:58. j) Tangail - Haripur 132 KV line -1 shut down at 12:33 due to breaker maintenance at tangail
- side and was switched on at 12:53. k) Siddhirganj -Haripur 132 KV line-2 tripped at 12:58 showing dist. relays by touching mast of river going ship and was switched on at 13:11.
- I) Siddhirganj -Haripur 132 KV line-1 tripped at 13:02 showing dist. Relays and was switched on
- m) Siddhirganj -Haripur 132 KV line-2 was shut down at 07:49(02/09/10) due to maintenance .
- n) Maniknagar 132/33 KV transformer tripped at07:08(02/09/10) showing O/C relays ans was switched on at 07:15.

Power interruption occurred (about 44 MW) under Maniknagar S/S areas from 07:08 to 07:15.

Due to generation shortage, about 170 MW (09:00) of load shed has been running since morning (02/09/10) over the whole area

Actual

106.17