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

MW

at

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Reporting Date : 14-Sep-10 4698.5 MW at Till now the maximum generation is: 20-Aug-10 13-Sep-10 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand The Summary of Yesterday's ( MW Day Peak Generation 3334.0 Hour 10:00 Min Gen. at 2860 Evening Peak Generation 4132.5 MW Max Generation 4130 MW Hour 21:00 MW E.P. Demand (at gen end) : 4300.0 Max Demand 4700 MW Hour : 21:00 4195.5 Maximum Generation MW Hour 22:00 Shortage 570 MW Total Gen. (MKWH) 83.89 System L/ Factor 85.41% Load Shed 505 MW EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

MW Import from West grid to East grid :- Maximum at

Water Level of Kaptai Lake at 6:00 A M of 14-Sep-10 Actual 106.88 Ft.(MSL) Rule curve : 101.99 Ft.( MSL )

Gas Consumed : MMCFt. Oil Consumed (PDB):

HSD : 1588481 Liter

Energy

Energy

FO 0 Liter

13620000 KWHR.

KWHR.

Cost of the Consumed Fuel (PDB): Gas Tk52,416,233 : Tk63,539,250 Total: Tk115,955,483

## **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	-	0	1800	182	10%
Chittagong Area	30	(18:00-23:35 gen. shortage)	511	77	15%
Khulna Area	30	(18:00-23:52 gen. shortage)	466	70	15%
Rajshahi Area	28	(18:00-23:59 gen. shortage)	380	55	14%
Comilla Area	19	(18:00-23:59 gen. shortage)	301	45	15%
Mymensing Area	15	(18:00-23:50 gen. shortage)	199	30	15%
Sylhet Area	-	0	206	-	-
Barisal Area	10	(18:00-23:30 gen. shortage)	91	14	15%
Rangpur Area	16	(18:00-23:52 gen. shortage)	213	32	15%
Total	148	21:00	4167	505	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down	
	1) Kaptai- 3 (19/04/08)	8) Ashuganj-4(12/09/10)
	2) Khulna 110MW (31/03/09)	9) Barapukuria 1 & 2 (13/09/10)
	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)	
	7)Ghorasal-4(11/09/10)	

## 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 148 MW (21:00) of load shed was imposed over the
b) Due to gas limitation RPCL (210 MW) were limited to 158 MW.	whole (except Sylhet) areas of the national grid.

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Export from East grid to West grid :- Maximum

- c) Shahjibazar GT-1 & 2 was shut down at 10:50 due to work on bay and was synchronized at 20:22.
- d) Shahjibazar RPP was shut down at 10:11 for by passing and was synchronized at 18:04.
- e) After maintenance Sikalbaha -St was synchronized at 22:52.
- f) Sikalbaha -St tripped at 20:10 due to S.T boiler fired and was synchronized at 23:52.
- g) Sikalbaha GT (150 MW) was shut down at 23:01 due to performance preparation test.
- h) RPCL-1 was forced shut down at 03:55(14/09/10) due to gas leakage.
- i) RPCL St. tripped at 06:48(14/09/10) due to voltae fluctuation and was synchronized at 07:56.
- j) Haripur 132/33 KV T1 & T2 transformer tripped at 05:20(14/09/10) due to under voltage and was switched on at 05:57 & 06:12 respectively.

Power interruption occurred (about 22 MW) under Haripur S/S areas from 05:20 to 06:12...

Deputy / Asstt. Manager Network Operation Division Network Operation Division

Deputy General Manager Load Despatch Circle