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

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Reporting Date: 30-Jul-10 Till now the maximum generation is: 4606.0 MW at The Summary of Yesterday's ( 29-Jul-10 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand Day Peak Generation 3934.0 Hour 10:00 Min Gen. at 8:00 3657 Evening Peak Generation 3999.5 MW Max Generation 4092 MW Hour 19:00 MW E.P. Demand (at gen end) : 5050.0 19:00 Max Demand 4950 MW Hour : Maximum Generation 4169.0 MW Hour 3:00 Shortage 858 MW Total Gen. (MKWH) 93.03 System L/ Factor 85.41% Load Shed 731 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum MW 12183000 KWHR. at Energy Import from West grid to East grid :- Maximum MW Energy KWHR at

Water Level of Kaptai Lake at 6:00 A M of 30-Jul-10 Ft.(MSL) Rule curve : 88.66 Ft.( MSL )

Gas Consumed : 808.85 MMCFt. Oil Consumed (PDB):

HSD : 1607663 Liter

FO Liter 0

Cost of the Consumed Fuel (PDB): Gas Tk59,782,104 : Tk64,306,526 Total: Tk124,088,630

## **Load Shedding & Other Information**

Actual

96.95

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	(18:40-04:10 gen. shortage)	1830	282	15%		
Chittagong Area	148	(18:40-04:20 gen. shortage)	516	108	21%		
Khulna Area	93	(18:40-04:10 gen. shortage)	461	96	21%		
Rajshahi Area	76	(18:40-04:15 gen. shortage)	381	80	21%		
Comilla Area	90	(18:40-04:00 gen. shortage)	295	61	21%		
Mymensing Area	61	(18:40-03:30 gen. shortage)	208	43	21%		
Sylhet Area	-	0	238	-	-		
Barisal Area	10	(18:40-04:10 gen. shortage)	89	19	21%		
Rangpur Area	46	(18:40-04:15 gen. shortage)	200	42	21%		
Total	895	19:00	4218	731			

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut-Down	
	1) Kaptai- 3 (19/04/08)	7) Sikalbaha St (07/07/10)
	2) Khulna 110MW (31/03/09)	8 ) Ghorasal 6(18/07/10)
	3) Haripur SBU GT-3 (18/06/09)	9) Raozan -1 (28/07/10)
	4) Ghorasal 2(26/04/10)	
	5) Siddhirganj GT-1 (16/06/10)	
	6) Kaptai -1 (25/06/10)	

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

a) There was generation shortage in the evening peak hour vesterday	So about 895 MW	(19:00)	of load shed v

b) Due to gas limitation, RPCL (210 MW), NEPC(110 MW) and HPL (360 MW)

Description

- were limited to 106 MW,23 MW and 339 MW respectively.
- c) Barapukuria #2 was forced shut down at 16:42 due to coal mill maintenance.
- d) Baghabari WMPL GT #1 & #2 were shut down at 05:35 & 05:50 respectively.
- e)After maintenance Dohazari Cox's Bazar 132 KV line-2 was switched on at 16:15.
- f)After maintenance Bottail 132/33 KV X-former T2 was switched on at 19:19.

Forced load shaded / Interrupted Areas was imposed over the

whole (except Sylhet) areas of the national grid.

Due to generation shortage, about 250 MW (09:00) of load shed has been running since morning (30/07/10) over the whole area (except Sylhet) of the national grid.

Deputy General Manager Deputy / Asstt. Manager Manager Network Operation Division **Network Operation Division** Load Despatch Circle