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

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Reporting Date: 17-May-11 4724.1 MW at Till now the maximum generation is: 16-May-11 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand The Summary of Yesterday's ( Day Peak Generation 4216.0 MW Hour 12:00 Min. Gen. at 4205 Evening Peak Generation 4605.0 MW 4514 MW 20:00 Max Generation Hour MW E.P. Demand (at gen end) : 5500.0 MW Max Demand 5400 Hour 20:00 MW Maximum Generation 4612.0 MW Hour 20:00 Shortage 886 Total Gen. (MKWH) 102.30 System L/ Factor 85.41% Load Shed 797 MW EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum MW MKWHR. at Energy 8.662 MW MKWHR. Import from West grid to East grid :- Maximum at Energy

> Water Level of Kaptai Lake at 6:00 A M on 17-May-11

Actual 74.60 Ft.(MSL) Rule curve 78.96 Ft.( MSL)

> MMCFD Oil Consumed (PDB):

HSD 25691 Liter FO 416706 Liter

Cost of the Consumed Fuel (PDB) : Oil (PDB) : Tk11,964,774 Total: Tk72,058,894

## Load Shedding & Other Information

Gas Consumed :

Area	Yesterday			Today	
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from toMW	MW	(On Estimated Demand)
Dhaka	353	(18:30-04.50)	2085	296	14%
Chittagong Area	148	(18:30-04.50)	595	113	19%
Khulna Area	-	0	512	97	19%
Rajshahi Area	108	(18:30-04.50)	445	84	19%
Comilla Area	71	(18:30-04.50)	350	66	19%
Mymensing Area	50	(18:30-03:17)	270	51	19%
Sylhet Area	21	(18:30-03:17)	248	23	9%
Barisal Area	16	(18:30-04.50)	105	20	19%
Rangpur Area	32	(18:30-03:20)	247	47	19%
Total	799	20:00	4857	797	

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) Raozan-2 (26/03/11)
4) Ashuganj-4(12/09/10)	4) Khulna 60 MW (18/4/11)
5) Kaptai #3 (1/12/10)	5) WMPL #1(10/5/11)
	6) Raozan-1 (14/5/11)
	7) Siddhirganj 210 MW (15/5/11)

## 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 vesterday.	So about 799 MW (20:00) of load shed was imposed over the

- a) There was generation shortage in the evening peak hour yesterday.
- b) Due to low gas pressure Siddirganj 105 MW and RPCL 210 MW were limited to 65 and 125 MW respectively.
- c) Joydevpur 132/33 kV T2 transformer was under shut down from 09:05 to 17:40 due to maint.
- d) Rangpur-Saidpur 132kV Ckt-2 was under shut down from 09:46 to 12:59 due to red hot maintenance of 132kV CT loop at Rangpur end.
- e) Aminbazar 230kV bus-1 was under shut down from 09:44 to 18:29 due to red hot maintenance of isolator loop.
- f) Dohazari 33kV bus was under shut down from 12:40 to 14:42 due to changing 33kV CB of Banshkhali 33kV feeder
- g) After maintenance Ashuganj CCPP ST unit was synchronized at 18:09 and tripped at 18:22 due to unit breaker oil pressure low. It was again synchronized at 21:29.
- h) Bagerhat-Goalpara 132kV line tripped at 20:44 showing O/C and was switched on at 20:49.
- i) Siddhirganj PP GT-2 tripped at 22:50 due to unit transformer PRD operation and was synchronized at 02:19 (17/5/11).
- j) Comilla (N) 230/132 kV T-02(New) transformer was switched on at 14:30.

Power interruption occurred (about 34 MW) under Dohazari S/S areas

whole areas of the national grid (Except Khulna).

from 12:40 to 14:42.

Due to generation shortage about 115 MW (09:00) of load shed has been running since morning (17/5/11) over the whole area (except Sylhet) of the national grid.

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