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

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Reporting Date: 21-May-11 4724.1 MW at Till now the maximum generation is: 20-May-11 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand The Summary of Yesterday's ( Day Peak Generation 3694.0 MW Hour 12:00 Min. Gen. at 8:00 3167 4433.0 MW MW Evening Peak Generation : 4420 Hour 21:00 Max Generation E.P. Demand (at gen end) : 5300.0 MW MW Hour 21:00 Max Demand 5400 Maximum Generation 4433.0 MW 21:00 Shortage 980 MW Hour Total Gen. (MKWH) 91.19 System L/ Factor 85.41% Load Shed 883 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum MKWHR. MW at Energy 7.837 MW MKWHR. Import from West grid to East grid :- Maximum at Energy

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

Actual 75.41 Ft.(MSL) Rule curve : 78.20 Ft.( MSL)

Gas Consumed : MMCFD Oil Consumed (PDB):

HSD : 40601 Liter FO 0 Liter

Cost of the Consumed Fuel (PDB) : Tk55,036,168 Oil (PDB) : Tk1,786,435 Total: Tk56,822,604

## Load Shedding & Other Information

Area	Yesterday	'esterday Today			
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from toMW	MW	(On Estimated Demand)
Dhaka	203	(18:30-01:10)	2090	337	16%
Chittagong Area	132	(18:30-00.50)	600	127	21%
Khulna Area	108	(18:30-00.35)	515	108	21%
Rajshahi Area	132	(18:30-23:00)	450	96	21%
Comilla Area	72	(18:30-22:10)	355	76	21%
Mymensing Area	75	(18:30-21:58)	272	57	21%
Sylhet Area	-	0	230	8	3%
Barisal Area	6	(18:30-00.35)	105	21	20%
Rangpur Area	54	(18:30-23:00)	250	53	21%
Total	782	21:00	4867	883	

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-100 & 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 yesterday.	So about 782 MW (20:00) of load shed was imposed over the
b) Due to low gas pressure RPCL 210 MW was limited to 142 MW.	whole (except Sylhet) areas of the national grid.

- b) Due to low gas pressure RPCL 210 MW was limited to 142 MW.
- c) Ishurdi 230/132 kV TR-02 transformer tripped at 07:58 operating primary protection relay and was switched on at 09:16.
- d) Maniknagar-Haripur 132 kV Ckt-2 was under shut down from 08:35 to 12:29 for trimming tree.
- e) Ashuganj 230/132 kV Tr OAT<sub>12</sub> transformer was under shut down from 11:17 to 14:04 due to project work.
- f) Tongi-Mirpur 132kV line was under shut down from 11:36 to 17:45 due to project work.
- g) Hathazari 230/132 kV MT-2 transformer was under shut down from 12:05 to 13:35 due to bus bar protection work.
- h) Sylhet 132/33 kV T4 transformer tripped at 23:50 due to 33kV Balagonj feeder fault and was switched on at 00:01(21/5/11).
- i) Sylhet 132/33 kV T2 transformer tripped at 00:01 (21/5/11) showing diff. relay and was switched on at 00:32(21/5/11).
- j) Sylhet-Chattak 132kV Ckt-1 was under shut down from 00:33(21/5/11) to 12:20(21/5/11) due to sparking at T-clamp at Sylhet end.
- k) Baghabari 100 MW & 71 MW tripped at 05:25 (21/5/11) due to gas booster failure and were synchronized at 06:16, 08:28 (21/5/11) respectively.
- I) Bottail-Jhenida 132kV Ckt-2 tripped at 05:10(21/5/11) without showing any relay and was switched on at 05:20(21/5/11).

Power interruption occurred (about 40 MW) under Sylhet S/S area from 23:50 to 00:01(21/5/11).

Power interruption occurred (about 16 MW) under Sylhet S/S area from 00:01(21/5/11) to 00:32(21/5/11)..

Deputy / Asstt. Manager **Network Operation Division**  Manager Network Operation Division

Deputy General Manager Load Despatch Circle