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

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Reporting Date : 27-Jan-11 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 (26-Jan-11 Day Peak Generation 3198.0 MW Hour 10:00 Min Gen. at 4:00 2899 Evening Peak Generation 3555.0 MW Max Generation 3539 MW 21:00 Hour E.P. Demand (at gen end) : 4100.0 MW Max Demand 4150 MW Hour 21:00 Maximum Generation 3561.0 MW Hour 22:00 Shortage 611 MW Total Gen. (MKWH) 76.26 System L/ Factor 85.41% Load Shed 541 MW

EXPORT/IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid: - Maximum 580 MW at 6:00 Energy 8767000 KWHR. Import from West grid to East grid: - Maximum - MW at - Energy - KWHR.

Water Level of Kaptai Lake at 6:00 A M of 27-Jan-11

Actual: 91.36 Ft.(MSL), Rule curve: 98.00 Ft.(MSL)

Gas Consumed : Total 599.03 MMCFt. Oil Consumed (PDB) :

HSD : 195436 Liter FO : 20491446430 Liter

Cost of the Consumed Fuel : Gas : Tk44,274,307 Oil : Tk409,836,746,029 Total : Tk409,881,020,337

Load Shedding & Other Information

Area	Yesterday		Today		
""			Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding
	MW		from toMW	MW	(On Estimated Demand)
Dhaka	201	(17:20-00:38 gen. shortage)	1588	198	12%
Chittagong Area	63	(17:20-00:38 gen. shortage)	447	78	17%
Khulna Area	58	(17:20-23:53 gen. shortage)	409	71	17%
Rajshahi Area	45	(17:20-23:51 gen. shortage)	335	58	17%
Comilla Area	39	(17:20-00:37 gen. shortage)	265	46	17%
Mymensing Area	26	(17:20-00:22 gen. shortage)	170	29	17%
Sylhet Area	19	(17:20-22:49 gen. shortage)	196	15	8%
Barisal Area	11	(17:20-23:53 gen. shortage)	79	13	16%
Rangpur Area	21	(17:20-22:48 gen. shortage)	189	33	17%
Total	483	21:00	3678	541	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down	
1) Haripur SBU GT-3 (18/06/09)	9) Kaptai #3 (1/12/10)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	10) Barapukuria-2(20/12/10)	2) Ashuganj-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	11) Ghorasal #3(18/01/11)	3) Khulna-110 (24/01/11)
4) Ashuganj-4(12/09/10)	12) AES Haripur 360 MW (20/1/11)	
5) Raozan-1 (03/10/10)		
6) Ashuganj CCPP GT-2(23/01/11)		
7) Raozan-2 (21/10/10)		
8) Kaptai #5 (02/11/10)		

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 483 MW (21:00) of load shed was imposed over the

- a) There was generation shortage in the evening peak hour yesterday.b) Due to low gas pressure RPCL (210 MW) was limited to 98 MW.
- c) After maintenance Khulna-60 MW was synchronized at 15:29.
- d) After maintenance RPCL #4 was synchronized at 01:37(27/01/2011).
- e) Hathazari-Feni 132kV line- 2 was under shut down from 09:04 to 16:34 due to dead line checking.
- f) Natore-Rajshahi 132kV line-1 was under shut down from 14:13 to 23:25 due to PT problem.
- g) Barapukuria 132/33 kV T4 transformer was under shut down from 09:19 to15:18 due to annual maint.
- h) Bogra 132/33 kV T1 transformer was under shut down from 09:37 to10:44 due to red hot maint.
- i) Jhenidah 132/33 kV T2 transformer was under shut down from 10:23 to12:20 due to oil leakage maint.
- j)Netrokona 132/33 kV T1 transformer tripped at 07:35(27/01/2011) due to directional E/F relays and was switched on at 07:45.
- k) Barishal-Bhandaria 132 kV line was shut down at 07:10 (27/01/11) due to annual maint .

Due to generation shortage, about 400 MW (09:00) of load shed has been running since morning (27/01/11) over the whole area (except Sylhet) of the national grid.

whole areas of the national grid .

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