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

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4698.5 MW at Till now the maximum generation is:-20-Aug-10 11-Dec-10) Generation & Demand The Summary of Yesterday's (Today's Actual Min Gen. & Probable Gen. & Demand Day Peak Generation 3024.0 MW Hour 10:00 Min Gen. at 2489 3360.8 MW 3435 Evening Peak Generation : 19:30 Max Generation MW Hour E.P. Demand (at gen end) : 4150.0 MW 4200 Hour : 19:30 Max Demand MW Maximum Generation 3360.8 MW 19:30 765 MW Hour Shortage Total Gen. (MKWH) 69.81 System L/ Factor 85.41% Load Shed 672 MW

EXPORT/IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum 8280000 KWHR MW at 11:00 Energy MW Import from West grid to East grid :- Maximum KWHR. at Energy

Water Level of Kaptai Lake at 6:00 A M of 12-Dec-10

Actual 99.98 Ft.(MSL) Rule curve : 105.00 Ft.(MSL)

Gas Consumed: 575.29 MMCFt. Oil Consumed (PDB):

HSD : 1160841 Liter

12-Dec-10

Reporting Date:

FO 649116 Liter

Cost of the Consumed Fuel (PDB): Gas Tk42,519,684 : Tk59,415,954 Total: Tk101,935,638

Load Shedding & Other Information

Area	Yesterday			Today	
			Estimated Demand(s/s end)	Estimated Shedding (s/s	Rates of Shedding
	MW		from toMW	MW	(On Estimated Demand)
Dhaka	277	(16:50-22:59 gen. shortage)	1612	273	17%
Chittagong Area	94	(16:50-22:37 gen. shortage)	445	90	20%
Khulna Area	86	(16:50-22:05 gen. shortage)	407	82	20%
Rajshahi Area	75	(16:50-22:20 gen. shortage)	334	67	20%
Comilla Area	55	(16:50-22:31 gen. shortage)	264	53	20%
Mymensing Area	41	(16:50-22:01 gen. shortage)	168	33	20%
Sylhet Area	10	(16:50-22:06 gen. shortage)	195	20	10%
Barisal Area	17	(16:50-22:05 gen. shortage)	79	16	20%
Rangpur Area	39	(16:50-22:04 gen. shortage)	188	38	20%
Total	694	19:30	3692	672	

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) Megnaghat P. Itd GT-1(7/11/10)	2) Ashuganj-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	11) Barapukuria-1(09/11/10)	3) Sikalbaha 60MW(19/11/10)
4) Ashuganj-4(12/09/10)		4) Siddirganj-210MW(23/11/10)
5) Raozan-1 (03/10/10)		5) Ghorasal-3(09/12/10)
6) Sikalbaha GT (24/10/10)		
7) Raozan-2 (21/10/10)		
8) Kaptai #5 (02/11/10)		

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

a) There was generation shortage in the evening peak hour vesterday	So about 69

Description

- b) Due to low gas pressure RPCL (210 MW) and Tongi (105 MW) were limited to 92 MW and 40 MW respectively.
- c) Hasnabad Megnaghat 230 KV line-2 was under shut down from 08:26 to 17:04 due to annual maintenance
- d) Mirpur 132/33 KV T2 X-former was under shut down from 08:16 to 19:46 due to annual maint.
- e) Mymensingh-Jamalpur 132KV line-1 (from 07:14 to 15:21) was under annual maintenance.
- f)132KV Comilla(N)-Feni line-1(from 08:28 to 16:32), Bottail-Bheramara line-2(from 08:40 to 16:13) Ashuganj-Kishoreganj line-1 (from 08:44 to 15:30), Ishurdi-Baghabari line-1 (from 08:47 to 17:07) were under annual maintenance.
- g) Tangail 132/33 KV T2 X-former was under shut down from 09:05 to 17:10 due to annual maint.
- h) Baghabari 100MW was forced shut down at 11:18 due to cooling water pipe line leakage and was synchronized at 12:33.
- i) Ashuganj CCPP ST was under shut down from 13:54 to 16:39 due to feed pump problem.
- j) After maintenance Haripur SBU #1 was synchronized at 15:44.
- k) Ullon T3 132/33 KV X-former tripped at 16:12 due to lightning arrestor burst and was switched on at 18:12.
- I) Fenchuganj GT-1 was shut down at 14:08 due to cooling fan problem and was synchronized at
- m) After maintenance Khulna KPCL was synchronized at 16:39.
- n) Natore Bogra 132 KV line-1 was under shut down from 18:15 to 19:48 due to CT problem.
- o) After maintenance Barapukuria #2 was synchronized at 01:52(12/12/10).
- p) Tongi GT was shut down at 01:12(12/12/10) due to gas booster cooling problem.

Forced load shaded / Interrupted Areas

694 MW (19:30) of load shed was imposed over the whole areas of the national grid.

Due to generation shortage, about 100 MW (09:00) of load shed has been running since morning (12/12/10) over the whole area (except Sylhet) of the national grid.