

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

Reporting Date : 23-Oct-10

Till now the maximum generation is :-

4698.5 MW at

21:00

Hrs

on 20-Aug-10

The Summary of Yesterday's (23-Oct-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & De	
Day Peak Generation	:	3495.0	MW	Hour	:	12:00	Min Gen. at 7:00 3509
Evening Peak Generation	:	4183.5	MW	Hour	:	20:00	Max Generation : 4074
E.P. Demand (at gen end)	:	5000.0	MW	Hour	:	20:00	Max Demand : 5150
Maximum Generation	:	4183.5	MW	Hour	:	20:00	Shortage : 1076
Total Gen. (MKWH)	:	90.68	System L/ Factor	:	:	85.41%	Load Shed : 961

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	390	MW	at	18:00	Energy	7683000
Import from West grid to East grid :-	Maximum	-	MW	at	-	Energy	-
Water Level of Kaptai Lake at 6:00 A M of							
23-Oct-10							
Actual	:	107.97	Ft.(MSL)	Rule curve	:	108.10	Ft.(MSL)

Gas Consumed	:	Total	726.75	MMCFt.	Oil Consumed (PDB)	:	HSD : 1863930
							FO : 0

Cost of the Consumed Fuel (PDB) : Gas : Tk53,714,093 Oil : Tk74,557,214 Total : Tk128,271,307

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding (On Estimated Demand)
			from to MW	MW	
Dhaka	263	(17:10-00:55 gen. shortage)	1971	362	18%
Chittagong Area	101	(17:10-00:18 gen. shortage)	570	139	24%
Khulna Area	91	(17:10-22:55 gen. shortage)	520	127	24%
Rajshahi Area	83	(17:10-00:48 gen. shortage)	425	102	24%
Comilla Area	63	(17:10-00:31 gen. shortage)	335	80	24%
Mymensing Area	49	(17:10-23:49 gen. shortage)	218	51	23%
Sylhet Area	15	(17:10-01:25 gen. shortage)	225	20	9%
Barisal Area	19	(17:10-22:55 gen. shortage)	100	23	23%
Rangpur Area	45	(17:10-23:52 gen. shortage)	237	57	24%
Total	729	20:00	4601	961	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Khulna 110MW (31/03/09)	6) Ashuganj-4(12/09/10)
2) Haripur SBU GT-3 (18/06/09)	7) Raozan-1 (03/10/10)
3) Ghorasal 2(26/04/10)	8) Shahjibazar GT-9(13/10/10)
4) Siddirganj GT-1 (18/06/10)	9) Raozan-2 (21/10/10)
5) Ghorasal 6(18/07/10)	

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 729 MW (20:00) of load shed was imposed whole areas of the national grid .
b) Due to low gas pressure Sikalbaha (150 MW) , RPCL (210 MW) and Tongi GT were limited to 40 MW,106 MW and 60 MW respectively.	
c) Kaptai #1,#2 & #3 was shut down at 08:23,08:18 & 08:10 respectively due to switchgear work and was synchronized at 14:36,14:30 & 15:25 respectively.	Power interruption occurred (about 47 MW) under N/S areas from 08:30 to 18:50.
d) Sikalbaha GT was synchronized at 18:51.	
e) Naogaon 132/33 KV S/S was full shut down at 08:30 due to development work and was switched on at 18:50.	Power interruption occurred (about 66 MW) under H/S areas from 06:05(23/10/10) to 06:28(23/10/10).
f) Kaptai - Hathazari 132 KV line-1 & 2 was under shut down from 10:25 to 10:32 & 10:35 to 10:45 respectively due to new MT-4 X-former construction work.	
g) Dohazari - Cox's Bazar 132 KV line -2 tripped at 20:20 showing dist ABC from both side and was switched on at 20:44.	Due to generation shortage, about 170 MW (09:00) c has been running since morning (23/10/10) over the (except Sylhet) of the national grid.
h) Hasnabad 132/33 KV T2, T5 & T6 X-formers tripped at 06:05(23/10/10) due to 33 KV Lalbag feeder fault & showing O/C ,E/F and were switched on at 06:25(23/10/10), 06:26(23/10/10) 06:28(23/10/10) respectively.	
i) Sikalbaha - Dohazari 132 KV line-1 was under shut down from 07:25(23/10/10) to 08:43(23/10/10) due to red hot maintenance .	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle

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