

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

QF-LDC-08
Page -1

Till now the maximum generation is :- **4698.5 MW at 21:00 Hrs** Reporting Date : 26-Oct-10
on 20-Aug-10

The Summary of Yesterday's (25-Oct-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		3689.0	MW	Hour :	10:00	Min Gen. at 8:00	3725 MW
Evening Peak Generation :		3995.5	MW	Hour :	19:00	Max Generation :	4015 MW
E.P. Demand (at gen end) :		5150.0	MW	Hour :	19:00	Max Demand :	5150 MW
Maximum Generation :		4083.0	MW	Hour :	1:00	Shortage :	1135 MW
Total Gen. (MKWH) :		89.85	System L/ Factor :		85.41%	Load Shed :	1010 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	470	MW	at 5:00	Energy	9139000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of		26-Oct-10				
Actual :	107.62	Ft.(MSL) ,	Rule curve :	108.40	Ft.(MSL)	

Gas Consumed : Total 715.79 MMCFt. Oil Consumed (PDB) :
HSD : 1793348 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk52,904,039 Oil : Tk71,733,938 Total : Tk124,637,977

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from to MW	MW	(On Estimated Demand)
Dhaka	460	(17:10-02:03 gen. shortage)	1975	395	20%
Chittagong Area	135	(17:10-02:05 gen. shortage)	565	142	25%
Khulna Area	110	(17:10-23:15 gen. shortage)	515	129	25%
Rajshahi Area	100	(17:10-23:55 gen. shortage)	422	105	25%
Comilla Area	60	(17:10-00:10 gen. shortage)	334	84	25%
Mymensing Area	57	(17:10-00:30 gen. shortage)	219	55	25%
Sylhet Area	29	(17:10-23:55 gen. shortage)	218	16	7%
Barisal Area	23	(17:10-23:15 gen. shortage)	100	25	25%
Rangpur Area	54	(17:10-23:55 gen. shortage)	236	59	25%
Total	1028	19:00	4584	1010	

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 1028 MW (19:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure Sikalbaha (150 MW) ,Baghabari 100 MW ,RPCL (210 MW) and Tongi GT were limited to 0 MW,60 MW,91 MW and 30 MW respectively.	
c) Kaptai #3 was scheduled shut down at 11:35 for changing station supply and was synchronized at 12:35.	Power interruption occurred (about 94 MW) under Madaripur, Barisal, Gopalganj, Bhandaria, Patuakhali S/S areas from 13:48 to 13:56.
d) Sikalbaha ST tripped at 20:35 due to voltage fluctuation and was synchronized at 01:44(26/10/10). It again tripped at 07:25(26/10/10) due to same reason.	
e) Tongi 230/132 KV T1 X-former was under shut down from 09:13 to 17:23 due to annual maint.	
f) Jessore132/33 KV T1 X-former was under shut down from 09:17 to 13:55 due to annual maint.	
g) Faridpur - Madaripur 132 KV line-1 & 2 tripped at 13:48 showing E/F at line-1 & dist Z2 at line-2. At the same time Bagerhat - Bhandaria 132 KV line also tripped showing TE ,Zone 2 & 3 from Bagerhat end and Bagerhat - Barisal 132 KV line also tripped showing E/F . All lines were switched on at 13:54 , 14:10 , 13:56 & 13:55 respectively .	Due to generation shortage, about 160 MW (09:00) of load shed has been running since morning (26/10/10) over the whole area of the national grid.
i) Haripur SBU GT-2 was shut down at 05:52(26/10/10) due to filter change and was synchronized at 07:27 (26/10/10).	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle