

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

QF-LDC-08
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Till now the maximum generation is :- **4698.5 MW at 21:00 Hrs** Reporting Date : **24-Oct-10**
on **20-Aug-10**

The Summary of Yesterday's (23-Oct-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation	:	3624.0	MW	Hour	:	10:00	Min Gen. at 7:00 3604 MW
Evening Peak Generation	:	4051.5	MW	Hour	:	21:00	Max Generation : 4054 MW
E.P. Demand (at gen end)	:	5150.0	MW	Hour	:	21:00	Max Demand : 5200 MW
Maximum Generation	:	4052.0	MW	Hour	:	1:00	Shortage : 1146 MW
Total Gen. (MKWH)	:	89.18	System L/ Factor	:	:	85.41%	Load Shed : 1011 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	450	MW	at 5:00	Energy	8810000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 24-Oct-10						
Actual :	107.76	Ft.(MSL) ,	Rule curve :	108.20	Ft.(MSL)	

Gas Consumed : Total 711.02 MMCFt. Oil Consumed (PDB) :
HSD : 1735900 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk52,551,488 Oil : Tk69,436,012 Total : Tk121,987,500

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from t/MW	MW	(On Estimated Demand)
Dhaka	324	(17:10-02:25 gen. shortage)	1955	373	19%
Chittagong Area	158	(17:10-02:20 gen. shortage)	570	146	26%
Khulna Area	137	(17:10-02:35 gen. shortage)	520	134	26%
Rajshahi Area	116	(17:10-02:35 gen. shortage)	429	111	26%
Comilla Area	88	(17:10-02:20 gen. shortage)	335	85	25%
Mymensing Area	59	(17:10-01:30 gen. shortage)	218	54	25%
Sylhet Area	22	(17:10-01:00 gen. shortage)	225	23	10%
Barisal Area	18	(17:10-02:35 gen. shortage)	100	25	25%
Rangpur Area	47	(17:10-02:35 gen. shortage)	237	60	25%
Total	969	21:00	4589	1011	

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 969 MW (21:00) of load shed was imposed over the 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,107 MW and 35 MW respectively.	
c) Kaptai #3 was shut down at 09:30 due to oil leakage maintenance and was synchronized at 12:12.	
d) Shahjibazar 86 MW was shut down at 07:41 due to maintenance work and was synchronized at 16:29.	Power interruption occurred (about 14 MW) under Mongla S/S areas from 11:58 to 12:15.
f) Sylhet RPP tripped at 07:32(24/10/10) showing busbar alarm and was synchronized at 08:15 (24/10/10). It again tripped at 10:30 (24/10/10) due to gas pressure and was synchronized at 11:15(24/10/10).	
g) Chapai-Nawabganj 132/33 KV T1 X-former was under shut down from 08:05 to 17:25 due to annual maintenance.	
h) Hathazari - Madanhat 132 KV line-1 was under shut down from 08:06 to 08:36 due to project work.	
i) Hathazari - Madanhat 132 KV line-2 was under shut down from 08:38 to 08:50 due to project work.	
j) Ishurdi - Natore 132 KV lie-1 was under shut down from 08:05 to 16:24 due to annual maint.	
k) Sirajganj 132/33 KV T2 X-former was under shut down from 09:15 to 14:19 due to annual maint.	
l) Lalmonirhat 132/33 KV T1 X-former was under shut down from 09:10 to 12:25 due to annual maint.	
m) Rangpur 132/33 KV T2 X-former was under shut down from 09:25 to 17:30 due to annual maint.	
n) Mongla 132/33 KV T1 & T2 X-former tripped at 11:58 showing inst, E/F and was switched on at 12:15.	
o) Dohazari - Cox's Bazar 132 KV line-2 tripped at 21:54 showing dist, ABC Z1,E/F from both end was switched on at 22:11.	Due to generation shortage, about 300 MW (09:00) of load shed has been running since morning (24/10/10) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle