

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 : **25-Oct-10**
on **20-Aug-10**

The Summary of Yesterday's (24-Oct-10)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3611.0	MW	Hour :	10:00	Min Gen. at 7:00	3623 MW
Evening Peak Generation :	4073.5	MW	Hour :	21:00	Max Generation :	4104 MW
E.P. Demand (at gen end) :	5200.0	MW	Hour :	21:00	Max Demand :	5200 MW
Maximum Generation :	4073.5	MW	Hour :	21:00	Shortage :	1096 MW
Total Gen. (MKWH) :	89.29	System L/ Factor :		85.41%	Load Shed :	972 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	460	MW	at 5:00	Energy	9772000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 25-Oct-10						
Actual :	107.69	Ft.(MSL) ,	Rule curve :	108.30	Ft.(MSL)	

Gas Consumed : Total	713.29	MMCFt.	Oil Consumed (PDB) :			
			HSD :	1785955	Liter	
			FO :	0	Liter	

Cost of the Consumed Fuel (PDB) : Gas : Tk52,719,264 Oil : Tk71,438,190 Total : Tk124,157,454

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	451	(17:10-01:30 gen. shortage)	1982	373	19%
Chittagong Area	166	(17:10-01:50 gen. shortage)	570	138	24%
Khulna Area	64	(17:10-23:50 gen. shortage)	520	127	24%
Rajshahi Area	94	(17:10-00:05 gen. shortage)	427	104	24%
Comilla Area	72	(17:10-23:55 gen. shortage)	335	80	24%
Mymensing Area	58	(17:10-23:55 gen. shortage)	218	50	23%
Sylhet Area	22	(17:10-22:50 gen. shortage)	225	20	9%
Barisal Area	13	(17:10-23:50 gen. shortage)	100	23	23%
Rangpur Area	59	(17:10-22:45 gen. shortage)	237	57	24%
Total	999	21:00	4614	972	

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 999 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) Barapukuria #1 tripped at 10:41 showing gen. fail trip alarm and was synchronized at 14:02.	
d) After maintenance Sikalbaha GT was synchronized at 10:45 and was shut down at 12:45 due to synchronized of Sikalbaha 60 MW.	Power interruption occurred (about 16 MW) under Tongi S/S areas from 16:01 to 16:21.
e) After maintenance Sikalbaha 60 MW was synchronized at 12:35.	
f) Bheramara - Ishurdi 132 KV line-2 was shut down at 09:52 due to bus maintenance and was switched on at 14:33.	
g) Ishurdi 132 KV bus-2 was shut down at 09:54 due to red hot maintenance and was switched on at 14:05.	
h) Tongi 132/33 KV T2 transformer tripped at 16:01 showing over current relays and was switched on at 16:21.	
i) Mongla 132/33 Kv T1 transformer was shut down at 09:36 due to annual maintenance and was switched on at 14:55.	
j) C.Nawabganj 132/33 KV T1 transformer was shut down at 08:10 due to annual maintenance and was switched on at 13:30.	
k) Lalmonirhat 132/33 KV T2 transformer was shut down at 08:20 due to annual maintenance and was switched on at 11:40.	
l) Serajganj 132/33 KV T1 transformer was shut down at 09:04 due to annual maintenance and was switched on at 14:05.	
m) Rangpur 132/33 KV T1 transformer was shut down at 09:17 due to annual maintenance and was switched on at 14:05.	
n) Chaumohani 132/33 KV T3 transformer tripped at 07:12(25/10/10) showing E/F relays and was switched on at 07:24.	Due to generation shortage, about 130 MW (09:00) of load shed has been running since morning (25/10/10) over the whole area of the national grid.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle