

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

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Till now the maximum generation is :- **4698.5 MW at 21:00 Hrs** Reporting Date : 23-Nov-10  
on 20-Aug-10

The Summary of Yesterday's (		22-Nov-10		) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation	:	2807.0	MW	Hour	:	12:00	Min Gen. at 4:00 2153 MW
Evening Peak Generation	:	3628.0	MW	Hour	:	18:30	Max Generation : 3790 MW
E.P. Demand (at gen end)	:	4150.0	MW	Hour	:	18:30	Max Demand : 4150 MW
Maximum Generation	:	3628.0	MW	Hour	:	18:30	Shortage : 360 MW
Total Gen. (MKWH)	:	65.92	System L/ Factor	:	:	85.41%	Load Shed : 309 MW

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from East grid to West grid :-	Maximum	410	MW	at 8:00	Energy	7754000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 23-Nov-10						
Actual :	102.81	Ft.(MSL) ,	Rule curve :	106.80	Ft.(MSL)	

Gas Consumed : Total 550.12 MMCFt. Oil Consumed (PDB) :  
HSD : 1433534 Liter  
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk40,659,369 Oil : Tk57,341,378 Total : Tk98,000,747

**Load Shedding & Other Information**

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from t0MW	Estimated Shedding (s/s e) MW	Rates of Shedding (On Estimated Demand)
Dhaka	149	(17:00-22:43 gen. shortage)	1535	96	6%
Chittagong Area	96	(17:00-22:45 gen. shortage)	432	49	11%
Khulna Area	43	(17:00-22:20 gen. shortage)	396	45	11%
Rajshahi Area	31	(17:00-22:25 gen. shortage)	325	37	11%
Comilla Area	34	(17:00-22:30 gen. shortage)	256	29	11%
Mymensing Area	47	(17:00-22:25 gen. shortage)	166	19	11%
Sylhet Area	11	(17:00-22:15 gen. shortage)	192	6	3%
Barisal Area	13	(17:00-22:20 gen. shortage)	76	8	11%
Rangpur Area	23	(17:00-22:20 gen. shortage)	181	20	11%
<b>Total</b>	<b>447</b>	<b>18:30</b>	<b>3559</b>	<b>309</b>	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	8) Meghnaghat P. ltd GT-1(7/11/10)
2) Ghorasal 2(26/04/10)	9) Barapukuria-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	10) Ashuganj-5(20/11/10)
4) Ashuganj-4(12/09/10)	4) Ashuganj-1(09/11/10)
5) Raozan-1 (03/10/10)	5) Sikalbaha 60MW(19/11/10)
6) Sikalbaha GT (24/10/10)	6) Barapukuria-2(21/11/10)
7) Raozan-2 (21/10/10)	

**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 447 MW (18:30) of load shed was imposed over the whole areas(except Sylhet) of the national grid .
b) Due to low gas pressure RPCL (210 MW) was limited to 107 MW.	
c) Netrokona T2 from 07:55 to 15:30 , Thakurgaon T1 from 08:30 to 15:35 , Hasnabad T6 from 08:40 to 15:15 , Kishoreganj T2 from 08:43 14:57 , Comilla (S) T3 from 09:20 to 12:31 132/33 KV X-formers and Aminbazar T3 from 08:10 to 17:40 , Ishurdi T-01 from 09:54 to 14:52 230/132 KV X-formers were under annual maintenance.	
d) Ghorasal-Joydevpur line-1 from 08:50 to 17:55, Kabirpur-Manikganj line-2 from 09:45 to 16:50, Baghabari-Shahjadpur line-2 from 10:10 to 15:22 132 KV lines and Haripur S/S - AES Haripur P/S 230 KV line-1 from 09:33 to 16:38 were under annual maintenance.	
e) Chatak 132/33 KV T3 X-former was under shut down from 11:05 to 15:55 due to CT maintenance.	
f) Sylhet RPP tripped at 12:30 showing busbar alarm relay and was synchronized at 12:40. It again tripped at 16:52 and was synchronized at 17:00.	
g) Fenchuganj Barakatullah 50MW tripped at 12:33 due to lightning arrester burst.	
h) Fenchuganj P/S - Fenchuganj 132KV line-2 tripped at 12:35 without showing any relay and was switched on at 12:42.	
i) Shahjibazar RPP tripped at 16:50 due to lightning arrester burst. At the same time Shahjibazar 86MW also tripped.	
j) AES Haripur steam unit tripped at 18:32 due to lightning arrester burst and was synchronized at 22:30. At the same time Haripur - Haripur P/S line -1 also tripped.	
k) Meghnaghat GT-2 tripped at 18:32 due to voltage fluctuation and was synchronized at 21:17. At the same time Meghnaghat - Haripur 230KV line-1 also tripped and was switched on at 19:55.	
l) Ashuganj CAPP GT-2 tripped at 18:32 due to combustion abnormality.	
m) Khulna 110MW was forced shut down at 22:23 due to feed pump & boiler problem.	
n) Haripur SBU #1 & #2 was under shut down from 02:38(23/11/10) to 08:05(23/11/10) & 00:47(23/11/10) to 02:22(23/11/10) respectively due to filter change.	
o) Ashuganj CAPP ST unit tripped at 06:03(23/11/10) due to cooling water pump trip.	

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle