

**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 : 28-Jan-11  
on 20-Aug-10

The Summary of Yesterday's ( 27-Jan-11 )		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3212.0	MW	Hour :	10:00	Min Gen. at 4:00	2973 MW
Evening Peak Generation :	3642.5	MW	Hour :	20:00	Max Generation :	3612 MW
E.P. Demand (at gen end) :	4150.0	MW	Hour :	20:00	Max Demand :	4050 MW
Maximum Generation :	3642.5	MW	Hour :	20:00	Shortage :	438 MW
Total Gen. (MKWH) :	77.50	System L/ Factor :		85.41%	Load Shed :	387 MW

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

Export from East grid to West grid :-	Maximum	530	MW	at 6:00	Energy	8255000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 28-Jan-11						
Actual :	91.09	Ft.(MSL) ,	Rule curve :	97.80	Ft.(MSL)	

Gas Consumed : Total 597.43 MMCFt. Oil Consumed (PDB) :  
HSD : 350632 Liter  
FO : 409861 Liter

Cost of the Consumed Fuel : Gas : Tk44,156,051 Oil : Tk22,222,484 Total : Tk66,378,536

**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	214	(17:20-23:58 gen. shortage)	1544	130	8%
Chittagong Area	73	(17:20-23:58 gen. shortage)	434	58	13%
Khulna Area	51	(17:20-22:53 gen. shortage)	397	53	13%
Rajshahi Area	30	(17:20-22:55 gen. shortage)	326	44	13%
Comilla Area	32	(17:20-23:45 gen. shortage)	257	34	13%
Mymensing Area	20	(17:20-23:45 gen. shortage)	166	22	13%
Sylhet Area	-	0	195	12	6%
Barisal Area	11	(17:20-22:53 gen. shortage)	77	10	13%
Rangpur Area	17	(17:20-22:55 gen. shortage)	182	24	13%
<b>Total</b>	<b>448</b>	20:00	<b>3578</b>	<b>387</b>	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	9) Kaptai #3 (1/12/10)
2) Ghorasal 2(26/04/10)	10) Barapukuria-2(20/12/10)
3) Siddirganj GT-1 (18/06/10)	2) Ashuganj-1(09/11/10)
4) Ashuganj-4(12/09/10)	11) Ghorasal #3(18/01/11)
5) Raozan-1 (03/10/10)	12) AES Haripur 360 MW (20/1/11)
6) Ashuganj CCPP GT-2(23/01/11)	
7) Raozan-2 (21/10/10)	
8) Kaptai #5 (02/11/10)	

**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 448 MW (20:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure RPCL (210 MW) was limited to 89 MW.	
c) After maintenance Khulna-110 MW was synchronized at 14:27.	
d) Barkatulla-50 MW tripped at 17:24 due to transformer lighting arrester burst and was syn. at 17:58.	
e) Sylhet RPP tripped at 17:24 showing busbar alarm and was synchronized at 17:35.	
f) Haripur NEPC was shut down at 22:56 due to fuel shortage.	Power interruption occurred (about 30 MW) under Comilla S/S areas to 07:30..
g) Hathazari-Feni 132kV line- 2 was under shut down from 08:56 to 16:54 due to annual maint.	
h) Madanhat-Sikalbaha 132kV line- 2 was under shut down from 09:06 to 14:04 due to annual maint.	
i) Chatok-Sykhet 132kV line-1 was under shut down from 09:40 to 15:35 due to annual maint.	
j) Comilla(s) 132 kV & 33 kV bus was shut down at 07:30 (28/01/11) due to annual maint .	
k) Halishahar 132 kV & 33 kV bus was shut down at 07:32 (28/01/11) due to annual maint .	Due to generation shortage, about 160 MW (09:00) of load shed has been running since morning (28/01/11) 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