

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

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Till now the maximum generation is :-

**6065.5 MW** at

19:30:00 PM Hrs

Reporting Date : 23-May-12  
on 22-Mar-12

The Summary of Yesterday's ( 22-May-12 )		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	4353.0	MW	Hour :	11:00	Min. Gen. at	8:00	4301 MW
Evening Peak Generation :	5365.0	MW	Hour :	19:30	Max Generation :		5411 MW
E.P. Demand (at gen end) :	6300.0	MW	Hour :	19:30	Max Demand :		6500 MW
Maximum Generation :	5365.0	MW	Hour :	19:30	Shortage :		1089 MW
Total Gen. (MKWH) :	107.79	System L/ Factor :		85.41%	Load Shed :		968 MW

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

Export from East grid to West grid :- Maximum	710	MW	at	1:00	Energy	14.385	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at	-	Energy	-	MKWHR.
Water Level of Kaptai Lake at 6:00 A M on				23-May-12			
Actual :	75.31	Ft.(MSL) ,	Rule curve :	77.80	Ft.(MSL)		

Gas Consumed :	Total	878.01	MMCFD.	Oil Consumed (PDB) :			
					HSD :		Liter
					FO :		Liter
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :		Tk70,112,602				
	Coal :		Tk18,718,880	Oil :	Tk192,972,342	Total :	Tk281,803,824

**Load Shedding & Other Information**

Area	Yesterday		Today	
	MW	18:30-Till now	Estimated Demand (s/s end) from 18:30	Estimated Shedding (s/s end) MW
Dhaka	259	18:30-Till now	2210	313
Chittagong Area	101	18:30-Till now	651	124
Khulna Area	110	18:30-Till now	660	127
Rajshahi Area	101	18:30-Till now	650	124
Comilla Area	75	18:30-Till now	408	79
Mymensing Area	57	18:30-Till now	377	72
Sylhet Area	53	18:30-Till now	320	33
Barisal Area	18	18:30-Till now	132	25
Rangpur Area	57	18:30-Till now	371	71
<b>Total</b>	<b>831</b>	<b>19:30</b>	<b>5779</b>	<b>968</b>

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	2) Ashuganj-1(09/11/10)
3) Kaptai #3 (1/12/10)	3) Khulna-60 MW(24/1/12)
4) Sikailbaha 60 MW(18/4/12)	4) Shahjibazar #5 & 6(21/7/11)
5) Raozan #2 (15/5/12)	5) Baghabari-71 MW(6/3/12)
6) Raozan #1(17/5/12)	6) Siddhirganj ST 210 MW (1/8/11)
	7) WMPL #1(1/5/12)
	8) Khulna 110 MW (18/5/12)
	9) Megnaghat GT2(22/5/12)

**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 831 MW (19:30) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure HPL 360 MW, Siddhirganj-210 MW and Tongi 105 MW were limited to 320 MW, 175 MW & 90 MW respectively.	
c) Ghorasal RPP(45 MW) tripped at 09:05 due to auxiliary failure and was sync.at	
d) Bheramara 132 kV Bus-B was shut down at 09:49 due to red hot maintenance and was switched on at 13:09.	
e) Mirpur 132/33 kV T1 & T2 were shut down at 06:40(23/5/12) due to temperature high at 33 kV reserve Bus isolator and T1 was switched on at 07:10(23/5/12).	Power interruption occurred (about 30 MW) under Mirpur S/S areas from 06:40 to 07:10(23/5/12).
f) Megnaghat GT2 was shut down at 16:47 due to cooling tube leakage.	Power interruption occurred (about 68 MW) under Hasnabad S/S areas from 19:40 to till now.
g) Hasnabad 132 kV T2 transformer was damaged at 19:40 due to fault at 33 kv Lalbag-1 feeder and fire control cables & DC system badly affected. So all 132/33 kV & 230/132 kV transformers are under shut down.Cheking & inspection works are going on. After satisfactory result, the said transformers will be energized & loaded.	
	Due to generation shortage, about 492 MW (09:00) of load shed has been running since morning (23/5/12) 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