

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

The Summary of Yesterday's (11-Jan-11)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3245.0	MW	Hour : 10:00	Min Gen. at 4:00	2310 MW
Evening Peak Generation :	3595.5	MW	Hour : 19:00	Max Generation :	3580 MW
E.P. Demand (at gen end) :	4000.0	MW	Hour : 19:00	Max Demand :	4000 MW
Maximum Generation :	3595.5	MW	Hour : 19:00	Shortage :	421 MW
Total Gen. (MKWH) :	74.29	System L/ Factor :	85.41%	Load Shed :	379 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	450	MW	at 8:00	Energy	7674000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 12-Jan-11						
Actual :	94.65	Ft.(MSL) ,	Rule curve :	100.91	Ft.(MSL)	

Gas Consumed : Total 570.41 MMCFt. Oil Consumed (PDB) :
HSD : 1625679 Liter
FO : 1219773 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk42,159,003 Oil : Tk89,422,634 Total : Tk131,581,637

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from to MW	Estimated Shedding (s/s e) MW	Rates of Shedding (On Estimated Demand)
Dhaka	157	(17:10-22:00 gen. shortage)	1588	159	10%
Chittagong Area	45	(17:10-22:00 gen. shortage)	447	67	15%
Khulna Area	43	(17:10-21:45 gen. shortage)	410	62	15%
Rajshahi Area	34	(17:10-21:45 gen. shortage)	310	-	-
Comilla Area	26	(17:10-22:00 gen. shortage)	265	40	15%
Mymensing Area	18	(17:10-21:45 gen. shortage)	171	25	15%
Sylhet Area	15	(17:10-21:25 gen. shortage)	200	15	8%
Barisal Area	7	(17:10-21:45 gen. shortage)	78	11	14%
Rangpur Area	19	(17:10-21:45 gen. shortage)	175	-	-
Total	364	19:00	3644	379	

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)	11) Bheramara GT-1(3/01/11)
4) Ashuganj-4(12/09/10)	
5) Raozan-1 (03/10/10)	
6) Sikalbaha GT (24/10/10)	
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 364 MW (19:00) 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 Fenchuganj GT-2 was synchronized at 11:41.	
d) After maintenance Khulna 110 MW was synchronized at 14:44.	Power interruption (about 50 MW) is continuing under Satkhira S/S areas since 04:15(12/1/11).
e) Bheramara-Faridpur 132kV line-2 was under shut down from 09:18 to 16:07 due to annual maint.	
f) Mymensing-RPCL line-2 was under shut down from 09:46 to 16:26 due to annual maintenance.	
g) Rampura 132kV bus-2 was under shut down from 09:34 to 12:53 due to annual maint.	Power interruption occurred (about 50 MW) under Kalyanpur S/S areas from 04:58(12/1/11) to 05:46(12/1/11).
h)Thakurgaon-Purbashadipur 132kV line-1 was under shut down from 10:15 to 16:12 due to annual maintenance.	
i) Hathazari-Feni 132kV line-1 was under shut down from 08:48 to 16:48 due to annual maint.	
j) Hasnabad-Meghnaghat 230kV line-1 was under shut down from 08:56 to 15:08 due to annual maintenance.	
k) Khulna (S) -Satkhira 132kV line tripped at 04:15(12/1/11) showing distance relay.	
l) Meghnaghat-Hasnabad 230kV line-1 tripped at 07:00(12/1/11) showing dist,Z1 relay and was switched on 08:47(12/1/11).	
m) Kalyanpur 132/33 kV T1 X-former tripped at 04:58(12/1/11) showing back up protection, MVAZ relays and was switched on at 05:57(12/1/11).	
n) Kalyanpur 132/33 kV T3 X-former tripped at 04:58(12/1/11) showing E/F relay and was switched on at 05:46(12/1/11).	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle