

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

Reporting Date : 10-Jan-11

Till now the maximum generation is : -

4698.5 MW at

21:00

Hrs

on 20-Aug-10

The Summary of Yesterday's (9-Jan-11) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Load		
Day Peak Generation :	3265.0	MW	Hour :	11:00	Min Gen. at 4:00	:	2408
Evening Peak Generation :	3588.0	MW	Hour :	20:00	Max Generation	:	3549
E.P. Demand (at gen end) :	4000.0	MW	Hour :	20:00	Max Demand	:	4000
Maximum Generation :	3588.0	MW	Hour :	20:00	Shortage	:	452
Total Gen. (MKWH) :	74.46	System L/ Factor	:	85.41%	Load Shed	:	410

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	470	MW	at 6:00	Energy	7614000
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-
Water Level of Kaptai Lake at 6:00 A M of 10-Jan-11						
Actual :	95.16	Ft.(MSL) ,	Rule curve :	101.29	Ft.(MSL)	

Gas Consumed : Total	581.69	MMCFt.	Oil Consumed (PDB) :	
			HSD :	1682308
			FO :	1089812

Cost of the Consumed Fuel (PDB) : Gas : Tk42,992,708 Oil : Tk89,088,558 Total : Tk132,081,266

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	189	(17:00-22:47 gen. shortage)	1585	159	10%
Chittagong Area	86	(17:00-22:30 gen. shortage)	438	58	13%
Khulna Area	19	(17:00-22:20 gen. shortage)	400	52	13%
Rajshahi Area	18	(17:00-22:25 gen. shortage)	328	43	13%
Comilla Area	11	(17:00-22:28 gen. shortage)	259	34	13%
Mymensing Area	25	(17:00-22:15 gen. shortage)	166	20	12%
Sylhet Area	5	(17:00-22:28 gen. shortage)	195	10	5%
Barisal Area	6	(17:00-22:20 gen. shortage)	77	10	13%
Rangpur Area	15	(17:00-22:25 gen. shortage)	184	24	13%
Total	374	20:00	3632	410	

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)	
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 374 MW (20:00) load shed was imposed whole areas of the national grid .
b) Due to low gas pressure RPCL (210 MW) was limited to 91 MW.	
c) Ashuganj #3 tripped at 11:11 due to auxiliary problem and was synchronized at 12:41. It again tripped at 13:01 due to bearing temperature high.	
d) Ashuganj-Seraiganj 230kV line-1 was under shut down from 08:24 to 17:38 due to annual maint.	
e) Hathazari-Feni 132kV line-1 was under shut down from 08:25 to 16:33 due to annual maint.	
f) Faridpur-Bheramara 132kV line-2 was under shut down from 08:55 to 16:32 due to annual maint.	
g) Sylhet-Fenchuganj PS 132kV line-1 was under shut down from 09:18 to 15:59 due to annual maint.	
h) Tongi-Kabirpur 132kV line-2 was under shut down from 09:46 to 17:02 due to annual maint.	
i) Rampura-Bashundhara 132kV line-2 was under shut down from 09:49 to 13:50 due to annual maint.	
j) Hasnabad 230/132kV T01 X-former tripped at 07:55 showing differential & E/F relays.	
k) Purbashadipur 132kV bus was under shut down from 08:02 to 09:55 for connecting a new X-former (4th XFR - 132/33kV, 12.5/16.6 MVA).	Power interruption occurred (about 26 MW) under F from 08:02 to 09:55.
l) Sylhet GT (20 MW) tripped at 20:33 due to bursting of 33kV cable.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle

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