

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 : 28-Dec-10 on 20-Aug-10	
The Summary of Yesterday's (27-Dec-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3247.0	MW	Hour :	12:00	Min Gen. at 5:00	2289 MW
Evening Peak Generation :	3737.0	MW	Hour :	20:00	Max Generation :	3813 MW
E.P. Demand (at gen end) :	3950.0	MW	Hour :	20:00	Max Demand :	3950 MW
Maximum Generation :	3737.0	MW	Hour :	20:00	Shortage :	138 MW
Total Gen. (MKWH) :	73.71	System L/ Factor :		85.41%	Load Shed :	121 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :-		Maximum	460	MW	at 7:00	Energy 8624000 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-Dec-10		
Actual :	97.60	Ft.(MSL) ,	Rule curve :	103.40	Ft.(MSL)	
Gas Consumed : Total		600.99	MMCFt.	Oil Consumed (PDB) :		
				HSD :	1547589	Liter
				FO :	1148753	Liter
Cost of the Consumed Fuel (PDB) : Gas : Tk44,419,171 Oil : Tk84,878,618 Total : Tk129,297,789						

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	76	(17:00-22:20 gen. shortage)	1510	20	1%
Chittagong Area	25	(17:00-21:20 gen. shortage)	422	24	6%
Khulna Area	20	(17:00-21:00 gen. shortage)	386	22	6%
Rajshahi Area	18	(17:00-21:15 gen. shortage)	317	18	6%
Comilla Area	20	(17:00-21:55 gen. shortage)	250	14	6%
Mymensing Area	11	(17:00-21:20 gen. shortage)	162	9	6%
Sylhet Area	-	0	192	-	-
Barisal Area	5	(17:00-21:00 gen. shortage)	75	4	5%
Rangpur Area	13	(17:00-21:15 gen. shortage)	177	10	6%
Total	188	20:00	3491	121	

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-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	11) Barapukuria-2(20/12/10)
4) Ashuganj-4(12/09/10)	4) Siddirganj-210MW(23/11/10)
5) Raozan-1 (03/10/10)	5) Ghorasal 1(19/12/10)
6) Sikalbaha GT (24/10/10)	6) Khulna-60 MW(23/12/10)
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 188 MW (20:00) of load shed was imposed over the whole areas(except Sylhet) of the national grid .
b) Due to low gas pressure RPCL (210 MW) and Tongi (105 MW) were limited to 89 MW and 0 MW respectively.	
c) After maintenance Kaptai #4 was synchronized at 16:29.	
d) Ghorasal-Rampura 230kV line-2 was under shut down from 07:30 to 17:02 due to annual maint.	
e) Kabirpur-Joydevpur 32kV line-2 was under shut down from 07:44 to 15:42 due to annual maint.	
f) Sreemongal-Fenchuganj 132kV line-1 was under shut down from 08:37 to 14:55 due to annual maint.	
g) Goalpara-Khulna Central 132kV line-1 was under shut down from 10:03 to 14:08 due to annual maint.	
h) Mymensing-Netrokona 132kV line-2 was under shut down from 07:02 to 15:34 due to annual maint.	
i) Ishurdi-Khulna 230kV line-2 was under shut down from 10:34 to 13:01 due to NLDC project work.	
j) Jhenidah-Jessore 132kV line-2 was under shut down from 08:39 to 16:35 due to annual maint.	
k) Purbashadipur 132/33 kV T3 X-former was under shut down from 10:24 to 17:25 due to annual maint.	
l) Tongi 132/33 kV T1 X-former was under shut down from 10:05 to 14:58 due to annual maint.	
m) AES Haripur (360 MW) Steam unit tripped at 17:25 due to feed pump problem and was synchronized at 02:09(28/12/10).	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle