

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

QF-LDC-08
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Till now the maximum generation is :-		4698.5 MW at	21:00	Hrs	Reporting Date : 23-Dec-10 on 20-Aug-10	
The Summary of Yesterday's (22-Dec-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3296.0	MW	Hour :	10:00	Min Gen. at 4:00	2243 MW
Evening Peak Generation :	3563.0	MW	Hour :	19:30	Max Generation :	3529 MW
E.P. Demand (at gen end) :	4150.0	MW	Hour :	19:30	Max Demand :	4100 MW
Maximum Generation :	3563.0	MW	Hour :	19:30	Shortage :	572 MW
Total Gen. (MKWH) :	71.78	System L/ Factor :		85.41%	Load Shed :	504 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :-		Maximum	500	MW	at 8:00	Energy 9496000 KWHR.
Import from West grid to East grid :-		Maximum	-	MW	at -	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A M of				23-Dec-10		
Actual :	98.31	Ft.(MSL) ,	Rule curve :	103.90	Ft.(MSL)	
Gas Consumed :	Total	582.22	MMCFt.	Oil Consumed (PDB) :		
				HSD :	840076	Liter
				FO :	1447513	Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk43,031,880		Oil :	Tk62,553,323	Total : Tk105,585,203

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	238	(16:50-21:50 gen. shortage)	1558	180	12%
Chittagong Area	63	(16:50-21:50 gen. shortage)	440	74	17%
Khulna Area	60	(16:50-21:45 gen. shortage)	404	68	17%
Rajshahi Area	48	(16:50-21:45 gen. shortage)	330	55	17%
Comilla Area	35	(16:50-21:37 gen. shortage)	262	44	17%
Mymensing Area	27	(16:50-21:35 gen. shortage)	168	28	17%
Sylhet Area	10	(16:50-20:55 gen. shortage)	191	11	6%
Barisal Area	10	(16:50-21:45 gen. shortage)	78	13	17%
Rangpur Area	27	(16:50-20:58 gen. shortage)	186	31	17%
Total	518	19:30	3617	504	

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)	
5) Raozan-1 (03/10/10)	1) Ghorasal 6(18/07/10)
6) Sikalbaha GT (24/10/10)	2) Ashuganj-1(09/11/10)
7) Raozan-2 (21/10/10)	3) Sikalbaha 60MW(19/11/10)
8) Kaptai #5 (02/11/10)	4) Siddirganj-210MW(23/11/10)
	5) Ghorasal 1(19/12/10)
	6) Baghabari 71 MW(21/12/10)

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 518 MW (19:30) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure RPCL (210 MW) and Tongi (105 MW) were limited to 92 MW and 0 MW respectively.	
c) RPCL ST tripped at 09:48 due to over speed protection operate and was synchronized at 15:59.	
d) Ghorasal QRPP was shut down at 09:20 due to maintenance of unit transformer and was synchronized at 16:40.	
e) Comilla(N) - Feni 132kV line-2 was under shut down from 08:20 to 15:44 due to annual maint.	
f) Aminbazar-Kalyanpur 132kV line-1 was under shut down from 08:17 to 15:54 due to annual maint.	
g) Sreemongal-Fenchuganj 132kV line-2 was under shut down from 08:14 to 14:57 due to annual maint.	
h) Tongi - Ghorasal 230 kV line-1 was under shut down from 09:22 to 16:44 due to annual maint.	
i) Mymensing-Netrokona 132kV line-1 was under shut down from 09:20 to 15:35 due to annual maint.	
j) Saidpur-Barapukuria 132kV line-1 was under shut down from 09:25 to 15:28 due to annual maint.	
k) Jessore - Jhenidah 132kV line-1 was under shut down from 10:11 to 14:08 due to annual maint.	
l) Kabirpur 132 kV reserve bus was under shut down from 10:27 to 16:58 due to annual maint.	
m) Rampura 230/132 KV T3 transformer was shut down from 09:11 to 15:59 due to annual maint.	
n) Joydebpur 132/33 kV T4 transformer was shut down from 09:55 to 16:40 due to annual maint.	
o) Ghorasal - Tongi 230 kV line-1 was shut down at 19:55 due to control ckt problem at Ghorasal end and was switched on at 21:16.	
Deputy / Asstt. Manager Network Operation Division	Manager Network Operation Division
	Deputy General Manager Load Despatch Circle