

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 : **2-Dec-10**
on **20-Aug-10**

The Summary of Yesterday's (1-Dec-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	2886.0	MW	Hour :	11:00	Min Gen. at 4:00	2357 MW
Evening Peak Generation :	3244.8	MW	Hour :	19:00	Max Generation :	3370 MW
E.P. Demand (at gen end) :	4350.0	MW	Hour :	19:00	Max Demand :	4350 MW
Maximum Generation :	3283.8	MW	Hour :	22:00	Shortage :	980 MW
Total Gen. (MKWH) :	68.77	System L/ Factor :		85.41%	Load Shed :	887 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	430	MW	at 7:00	Energy	7437000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 2-Dec-10						
Actual :	101.23	Ft.(MSL) ,	Rule curve :	105.91	Ft.(MSL)	

Gas Consumed : Total 544.97 MMCf. Oil Consumed (PDB) :
HSD : 1611433 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk40,278,733 Oil : Tk64,457,310 Total : Tk104,736,043

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	433	(17:05-23:15 gen. shortage)	1690	341	20%
Chittagong Area	129	(17:05-23:01 gen. shortage)	485	126	26%
Khulna Area	113	(17:05-22:20 gen. shortage)	444	115	26%
Rajshahi Area	105	(17:05-22:37 gen. shortage)	364	94	26%
Comilla Area	73	(17:05-22:39 gen. shortage)	288	75	26%
Mymensing Area	55	(17:05-22:36 gen. shortage)	185	48	26%
Sylhet Area	28	(17:05-21:30 gen. shortage)	190	13	7%
Barisal Area	21	(17:05-22:20 gen. shortage)	86	22	26%
Rangpur Area	43	(17:05-22:37 gen. shortage)	205	53	26%
Total	1000	19:00	3937	887	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	8) Megnaghat P. ltd GT-1(7/11/10)
2) Ghorasal 2(26/04/10)	9) Barapukuria-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	10) Khulna 110MW (22/11/10)
4) Ashuganj-4(12/09/10)	4) Ashuganj-1(09/11/10)
5) Raozan-1 (03/10/10)	4) Sikalbaha 60MW(19/11/10)
6) Sikalbaha GT (24/10/10)	5) Siddirganj-210MW(23/11/10)
7) Raozan-2 (21/10/10)	

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 1000 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) and Tongi (105 MW) were limited to 107 MW and 60 MW respectively.	
c) Khulna-60MW steam tripped at 10:23 due to voltage fluctuation and was synchronized at 10:42.	
d) Baghabari WMPP #1 & 2 tripped at 12:08 due to voltage fluctuation and was synchronized at 15:21 & 15:08 respectively.	
e) Bogra GBB tripped at 12:48 due to voltage fluctuation and was synchronized at 12:55.	
f) Ashugang CCPG GT-2 tripped at 12:53 due to combustion abnormality and was synchronized at 17:31.	
g) Baghabari #1 & 2 tripped at 12:54 due to tripping of gas booster and was synchronized at 13:30 & 13:45 and again #2 was forced shut down at 16:01 and was synchronized at 18:21.	
h) Siddirganj GT-2 tripped at 14:04 due to PT fuse blown and was synchronized at 17:34.	
i) Ashuganj RPP tripped at 12:58 due to voltage fluctuation and was synchronized at 13:05.	
j) Tongi(new) - Tongi(old) 132 KV line-2 tripped at 08:50 showing O/C relays and was switched on at 09:24.	
l) Pabna - Shahjadpur 132 KV linetripped at 12:08 showing dist relays and was switched on at 12:25.	
m) Ishurdi - Pabna 132 KV line was shut down at 08:29 due to annual maintenance and was switched on at 16:24.	
n) Hasnabad 132 KV Bus was shut down at 08:35 due to annual maintenance and was switched on at 15:02..	
o) Basundhara T2 from 08:20 to 17:03, Matuail T2 from 09:09 to 15:42,Kishorganj T3 from 11:10 to 12:30 132/33 KV transformers were shut down due to annual maintenance.	
p) Hathazari 230/132 KV auto transformer-3 was shut down at 10:15 due to rectification of oil leakage from CB and was switched on at 12:34.	
q) Rampura 230/132 KV auto transformer-2 was shut down at 09:16 due to annual maintenance and was switched on at 17:00.	
r) Tongi 132/33 KV T1 transformer tripped at 08:50 showing E/F relays and was switched on at 10:03.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle