

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

The Summary of Yesterday's (5-Dec-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3036.0	MW	Hour :	10:00	Min Gen. at 4:00 2535 MW
Evening Peak Generation :	3472.8	MW	Hour :	21:00	Max Generation : 3586 MW
E.P. Demand (at gen end) :	4300.0	MW	Hour :	21:00	Max Demand : 4250 MW
Maximum Generation :	3472.8	MW	Hour :	21:00	Shortage : 664 MW
Total Gen. (MKWH) :	70.27	System L/ Factor :		85.41%	Load Shed : 586 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum 510 MW at 6:00 Energy 9016000 KWHR.
Import from West grid to East grid :- Maximum - MW at - Energy - KWHR.

Water Level of Kaptai Lake at 6:00 A M of 6-Dec-10
Actual : 100.72 Ft.(MSL) , Rule curve : 105.55 Ft.(MSL)

Gas Consumed : Total 602.46 MMCFt. Oil Consumed (PDB) :
HSD : 1372470 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk44,527,819 Oil : Tk54,898,794 Total : Tk99,426,613

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	332	(16:50-22:45 gen. shortage)	1635	234	14%
Chittagong Area	106	(16:50-22:49 gen. shortage)	451	78	17%
Khulna Area	79	(16:50-22:30 gen. shortage)	413	72	17%
Rajshahi Area	72	(16:50-22:35 gen. shortage)	338	58	17%
Comilla Area	42	(16:50-22:35 gen. shortage)	267	46	17%
Mymensing Area	30	(16:50-22:35 gen. shortage)	173	30	17%
Sylhet Area	20	(16:50-22:30 gen. shortage)	204	22	11%
Barisal Area	14	(16:50-22:30 gen. shortage)	79	13	16%
Rangpur Area	35	(16:50-22:30 gen. shortage)	190	33	17%
Total	730	21:00	3750	586	

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 (01/12/10)
2) Ghorasal 2(26/04/10)	10) Megnaghat P. Ltd GT-1(7/11/10)
3) Siddirganj GT-1 (18/06/10)	11) Barapukuria-1(09/11/10)
4) Ashuganj-4(12/09/10)	4) Siddirganj-210MW(23/11/10)
5) Raozan-1 (03/10/10)	5) Barapukuria-2(03/12/10)
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 730 MW (21:00) 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 57 MW and 40 MW respectively.	
c) Ghorasal QRPP was under shut down from 09:45 to 13:55 due to 132 KV isolator maintenance at S/S.	
d) After maintenance Baghabari 71 MW was synchronized at 10:45.	
e) After maintenance Ashuganj CAPP GT-1 & ST was synchronized at 12:10 & 13:40.	
f) Haripur NEPC was shut down at 19:20 due to fuel oil problem and was synchronized at 20:17. It was again shut down at 00:21 due to same reason.	
g) 132 KV Pabna-Shahjadpur line (from 08:15 to 15:58), Dohazari - Cox's Bazar line-1 (from 08:42 to 16:63), Bottail-Bheramara line-1 (from 09:06 to 16:37), Comilla-Haripur line-1 (from 09:09 to 15:11), Rangpur-Polashbari line-1 (from 09:15 to 17:35), Kabirpur-Manikganj line-1 (from 09:20 to 17:05) and 230 KV Serajganj - Baghabari line-1 (from 10:28 to 13:56), Ashuganj - Serajganj (from 11:53 to 15:15) were under annual maintenance.	
h) Bashundhara T3 (from 08:18 to 14:45), Manikganj T3 (from 09:20 to 17:05), Tangail T1 (from 10:25 to 17:25) 132/33 KV X-formers and Khulna (S) 230/132 KV T01 X-former(from 09:31 to 17:31) were under annual maintenance.	
i) Ishurdi-Baghabari 230 KV line-1 was under shut down from 14:33 to 15:40 due to NLDC project work.	
j) DPA Pagla RPP tripped at 13:50 due to unit X-former problem and was synchronized at 13:40.	

Due to generation shortage, about 50 MW (09:00) of load shed has been running since morning (6/12/10) over the whole area (except Dhaka & Sylhet) of the national grid.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle