

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

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Till now the maximum generation is :- **4698.5 MW at 21:00 Hrs** Reporting Date : 23-Mar-11  
on 20-Aug-10

The Summary of Yesterday's ( 22-Mar-11 )		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3553.0	MW	Hour : 11:00	Min Gen. at 9:00	3700 MW
Evening Peak Generation :	3906.5	MW	Hour : 20:00	Max Generation	4144 MW
E.P. Demand (at gen end) :	5200.0	MW	Hour : 20:00	Max Demand	5200 MW
Maximum Generation :	4059.0	MW	Hour : 3:00	Shortage	1056 MW
Total Gen. (MKWH) :	83.67	System L/ Factor	85.41%	Load Shed	935 MW

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from East grid to West grid :- Maximum 690 MW at 5:00 Energy 12118500 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-Mar-11  
Actual : 81.37 Ft.(MSL) , Rule curve : 89.48 Ft.(MSL)

Gas Consumed : Total 712.61 MMCf. Oil Consumed (PDB) :  
HSD : 1025456 Liter  
FO : 192542 Liter

Cost of the Consumed Fuel : Gas : Tk52,669,005 Oil : Tk44,869,098 Total : Tk97,538,103

**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	395	(17:50-Till Now, Gen. shortage )	1980	359	18%
Chittagong Area	178	(17:50-Till Now, Gen. shortage )	568	133	23%
Khulna Area	177	(17:50-Till Now, Gen. shortage )	518	121	23%
Rajshahi Area	148	(17:50-Till Now, Gen. shortage )	425	99	23%
Comilla Area	41	(17:50-Till Now, Gen. shortage )	335	78	23%
Mymensing Area	91	(17:50-Till Now, Gen. shortage )	220	51	23%
Sylhet Area	16	(17:50-05:00, Gen. shortage )	223	16	7%
Barisal Area	21	(17:50-Till Now, Gen. shortage )	100	23	23%
Rangpur Area	79	(17:50-Till Now, Gen. shortage )	237	55	23%
<b>Total</b>	<b>1146</b>	20:00	<b>4606</b>	<b>935</b>	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09) 2) Ghorasal 2(26/04/10) 3) Siddhirganj GT-1 (18/06/10) 4) Ashuganj-4(12/09/10) 5) Raozan-1 (03/10/10) 6) Kaptai #5 (02/11/10) 7) Kaptai #3 (1/12/10)	1) Ghorasal 6(18/07/10) 2) Ashuganj-1(09/11/10) 3) Khulna-110 MW(17/03/11) 4) B.Pukuria #2 (17/03/11) 5)Ashuganj CCPP GT-1 & ST(19/03/11)

**Additional Information of Machines, lines, Interruption / Forced Load shed etc.**

Description	Forced load shaded / Interrupted Areas
<p>a) There was generation shortage in the evening peak hour yesterday.</p> <p>b) Due to low gas pressure RPCL (210 MW) was limited to 107 MW.</p> <p>c) Khulna QRPP tripped at 12:50 and was synchronized at 13:17.</p> <p>d) Ashuganj #3 was shut down at 11:35 due to cooling system problem and was sync.at 21:59.</p> <p>e) Siddhirganj RPP was shut down at 11:28 due to oil shortage and was sync.at 17:39.</p> <p>f) Ghorasal RPP tripped at 16:15 due to auxiliary failure and was sync.at 16:45.</p> <p>g) Sylhet RPP tripped at 19:14 due to gas pressure problem and was sync.at 21:30.</p> <p>h) Ashuganj CCPP GT-2 was shut down at 00:08(23/03/11) due to work at gas line and was synchronized at 05:48(23/03/11)</p> <p>i) Ashuganj RPP was shut down at 00:50(23/03/11) due to work at gas line and was synchronized at 03:40(23/03/11)</p> <p>j) Fenchuganj GT-1 was shut down at 00:36(23/03/11) due to economiser tube leakage.</p> <p>k) Goalpara-Khulna 132kV line-2 was shut down at 09:08 due to emergency maint of B-phase wave trap at Goalpara end and was switched on at 12:33.</p> <p>l) Khulna(Central) -Khulna(S) 132kV line-1 was shut down at 12:36 due to connecting KPCL Tiger-2 and was switched on at 16:35.</p> <p>m) Hathazari-Comilla(N) 230kV line-1 tripped at 23:51 showing general trip at Hathazari &amp; E/F protection at Comilla end and was switched on at 00:05(23/03/11).</p> <p>n) Haripur-Comilla 132kV line-1 was shut down at 01:20 (23/03/11) for investigating the cause of flash over at the newly constructed 4 Ckt tower at Haripur and was switched on at 01:28(23/03/11).</p>	<p>So about 1146 MW (20:00) of load shed was imposed over the whole areas of the national grid .</p> <p>Due to generation shortage, about 380 MW (09:00) of load shed has been running since morning (23/03/11) over the whole area (Except Sylhet)of the national grid.</p>

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle