

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 : **16-Jan-11**
on **20-Aug-10**

The Summary of Yesterday's (15-Jan-11)) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3407.0	MW	Hour :	10:00	Min Gen. at 4:00	2351 MW
Evening Peak Generation :	3811.5	MW	Hour :	21:00	Max Generation :	3843 MW
E.P. Demand (at gen end) :	3900.0	MW	Hour :	21:00	Max Demand :	4000 MW
Maximum Generation :	3811.5	MW	Hour :	21:00	Shortage :	157 MW
Total Gen. (MKWH) :	75.27	System L/ Factor :		85.41%	Load Shed :	143 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	520	MW	at 6:00	Energy	9939000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 16-Jan-11						
Actual :	94.04	Ft.(MSL) ,	Rule curve :	100.15	Ft.(MSL)	

Gas Consumed : Total 588.23 MMCFt. Oil Consumed (PDB) :
HSD : 842492 Liter
FO : 1460261 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk43,476,079 Oil : Tk62,904,895 Total : Tk106,380,974

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	30	(17:10-22:05 gen. shortage)	1580	33	2%
Chittagong Area	8	(17:10-21:45 gen. shortage)	440	26	6%
Khulna Area	4	(17:10-21:45 gen. shortage)	401	23	6%
Rajshahi Area	10	(17:10-21:45 gen. shortage)	330	20	6%
Comilla Area	10	(17:10-21:45 gen. shortage)	260	15	6%
Mymensing Area	11	(17:10-21:36 gen. shortage)	170	10	6%
Sylhet Area	-	0	198	-	-
Barisal Area	-	0	78	5	6%
Rangpur Area	8	(17:10-21:45 gen. shortage)	184	11	6%
Total	81	21:00	3641	143	

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-2(20/12/10)
3) Siddirganj GT-1 (18/06/10)	11) Bheramara GT-1(3/01/11)
4) Ashuganj-4(12/09/10)	
5) Raozan-1 (03/10/10)	
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
<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 107MW</p> <p>c) After maintenance Baghabari WMPL was synchronized at 19:36.</p> <p>d) After maintenance Haripur NEPC was synchronized at 17:30.</p> <p>e) After maintenance Haripur SBU-1 & 2 was synchronized at 17:53 & 19:07 respectively.</p> <p>f) After maintenance Ashuganj CAPP ST was synchronized at 15:49.</p> <p>g) After maintenance Kaptai #2 was synchronized at 11:56(On test).</p> <p>h) Ashuganj #5 tripped at 01:22(16/01/11) due to server problem.</p> <p>i) Hathazari-Feni132kV line-2 was under shut down from 09:02 to 16:33 due to annual maint.</p> <p>j) Thakurgaon-Purbashadipur 132kV line-2 was under shut down from 10:32 to 17:50 due to annual maint.</p> <p>k) Kamrangichar-Kallyanpur 132 kv line was shut down at 09:55 due to red hot (Y-ph) maintenance and was switched on at 11:57.</p> <p>l) Natore 132kV bus was under shut down from 10:20 to 13:10 due to red hot maintenance.</p> <p>m) Hasnabad 230/132/33 kV T1 auto transformer was energized at 16:50.</p> <p>n) Madanganj T-2 X-former was under shut down from 10:20 to 17:37 due to annual maintenance.</p> <p>o) Barishal-Madaripur 132 kV line-1 was shut down at 07:15(16/01/11) due to annual maint.</p>	<p>So about 81 MW (21:00) of load shed was imposed over the whole areas of the national grid .</p> <p>Power interruption occurred (about 13 MW) under Natore S/S areas from 10:20 to 13:10.</p> <p>Power interruption occurred (about 10 MW) under Madanganj S/S areas from 10:20 to 17:37.</p> <p>About 170 MW (09:00) of load shed has been running since morning (16/01/11) over the whole area (except Sylhet) of the national grid.</p> <p style="text-align: center;">C</p>
Deputy / Asstt. Manager Network Operation Division	Manager Network Operation Division
	Deputy General Manager Load Despatch Circle