

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 : 10-Apr-11
on **20-Aug-10**

The Summary of Yesterday's (9-Apr-11)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3863.0	MW	Hour : 12:00	Min Gen. at 8:00	4086 MW
Evening Peak Generation :	4341.0	MW	Hour : 21:00	Max Generation	4344 MW
E.P. Demand (at gen end) :	5000.0	MW	Hour : 21:00	Max Demand	5150 MW
Maximum Generation :	4408.0	MW	Hour : 1:00	Shortage	806 MW
Total Gen. (MKWH) :	96.79	System L/ Factor :	85.41%	Load Shed	722 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	620	MW	at 2:00	Energy	9693500 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 10-Apr-11						
Actual :	79.10	Ft.(MSL) ,	Rule curve :	86.20	Ft.(MSL)	

Gas Consumed : Total 738.25 MMCFt. Oil Consumed (PDB) :
HSD : 917748 Liter
FO : 193545 Liter

Cost of the Consumed Fuel : Gas : Tk54,564,058 Oil : Tk40,580,818 Total : Tk95,144,876

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from to MW	Estimated Shedding (s/s e) MW	Rates of Shedding (On Estimated Demand)
Dhaka	258	(18:10-06:12. Gen.shortage)	1990	274	14%
Chittagong Area	86	(18:10-06:12. Gen.shortage)	565	103	18%
Khulna Area	81	(18:10-01:05. Gen.shortage)	515	94	18%
Rajshahi Area	60	(18:10-00:26. Gen.shortage)	423	77	18%
Comilla Area	47	(18:10-01:05. Gen.shortage)	334	61	18%
Mymensing Area	35	(18:10-00:30. Gen.shortage)	221	40	18%
Sylhet Area	12	(18:10-22:05. Gen.shortage)	230	12	5%
Barisal Area	20	(18:10-01:05. Gen.shortage)	100	18	18%
Rangpur Area	36	(18:10-23:15. Gen.shortage)	236	43	18%
Total	635	21:00	4614	722	

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) Siddirganj 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) Raozan-2 (26/03/11) 4) Khulna-110 MW(06/04/11)

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 84 MW.</p> <p>c) Ashuganj #3 tripped at 13:13 due to tripping of feed pump and was synchronized at 15:04.</p> <p>d) Ashuganj CCPP GT2 tripped at 14:18 due to combustion abnormality and was sync.at 15:06.</p> <p>e) Baghabari-71 MW tripped at 18:10 due to air filter problem and was synchronized at 19:50.</p> <p>f) After maintenance Ashuganj CCPP ST was synchronized at 16:20.</p> <p>g) Sylhet GT was shut down at 05:30(10/4/11) due to air filter change.</p> <p>h) Baghabari-71 MW was shut down at 06:09(10/4/11) due to air filter change and was sync.at 08:40.</p> <p>i) Fenchuganj GT1 was shut down at 06:11(10/4/11) due to air filter change and was sync.at 08:05.</p> <p>j) Ashuganj 132 kV bus-1 was shut down at 10:12 due to hooking of new 50 MW generator and was switched on at 20:07.</p> <p>k) Ashuganj-Ghorasal 132 kV line-1 was shut down at 12:05 due to hooking of new 50 MW generator and was switched on at 12:41.</p> <p>l) Hasnabad-Sitalakhya 132 kV line tripped at 17:55 from Hasnabad end due to oil leakage of CB and was switched on at 21:58.</p> <p>m) Ghorasal 132/230 AT1 transformer tripped at 06:15(10/4/11) showing KH-1 relay.</p> <p>Due to tripping of Ashuganj 132 kV bus, the following lines tripped</p> <p>i) Ashuganj-Kishorganj 132 kVline-1 & 2 tripped at 08:45 and was switched on at 09:04 & 09:36 respectively.</p> <p>ii) Ashuganj-Ghorasal 132 kV line-1 & 2 tripped at 08:45 and was switched on at 09:27.</p> <p>iii) Ashuganj-B.Barua 132 kV line-1 & 2 tripped at 08:45 and was switched on at 09:00 & 09:05 respectively.</p> <p>iv) Ashuganj-Shahjibazar 132 kV line-3 tripped at 08:45 and was switched on at 09:28.</p> <p>v) Ashuganj 230/132 OAT12 transformer tripped at 08:45 and was switched on at 09:43.</p> <p>vi) Ashuganj CCPP GT2 & GT1 tripped at 08:45 and was synchronized at 09:32 & 12:53 respectively.</p> <p>vii) Ashuganj #3 tripped at 08:45 and was synchronized at 11:16.</p> <p>viii) RPCL tripped at 08:45 and was synchronized at 09:12.</p>	<p>So about 635 MW (21:00) of load shed was imposed over the whole areas of the national grid.</p> <p>Power interruption occurred (about 176 MW) under Mymensing zone from 08:45 to 09:36.</p> <p>Due to generation shortage, about 145 MW (09:00) of load shed has been running since morning (10/04/11) 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