## POWER GRID COMPANY OF BANGLADESH LTD. NATIONAL LOAD DESPATCH CENTEF DAILY REPORT

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Reporting Date : 1-Apr-11 4698.5 MW at Till now the maximum generation is: 20-Aug-10 31-Mar-11 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand The Summary of Yesterday's ( Day Peak Generation 3755.0 MW Hour 12:00 Min Gen. at 3256 4612.0 MW 4416 MW Evening Peak Generation 20:00 Max Generation Hour E.P. Demand (at gen end) : 4850.0 MW 4950 MW Hour : 20:00 Max Demand Maximum Generation 4612.0 MW 20:00 Shortage 534 MW Hour Total Gen. (MKWH) 86.80 System L/ Factor 85.41% Load Shed 488 MW EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR Export from East grid to West grid :- Maximum MW 11065000 KWHR. at Energy MW KWHR. Import from West grid to East grid :- Maximum at Energy

Water Level of Kaptai Lake at 6:00 A M of 1-Apr-11
Ft.(MSL), Rule curve: 88.00 Ft.(MSL)

Gas Consumed : Total 716.38 MMCFt. Oil Consumed (PDB) :

HSD : 952463 Liter

FO : 659241 Liter

Cost of the Consumed Fuel : Gas : Tk52,947,646 Oil : Tk51,283,346 Total : Tk104,230,992

## **Load Shedding & Other Information**

Actual

80.05

Yesterday			Today	
		Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
MW		from toMW	MW	(On Estimated Demand)
-	0	1958	176	9%
-	0	554	74	13%
68	(18:05-21:55, Gen. shortage)	504	67	13%
57	(18:05-22:05, Gen. shortage)	415	55	13%
46	(18:05-22:05, Gen. shortage)	326	43	13%
33	(18:05-22:05, Gen. shortage)	217	29	13%
-	0	225	-	-
14	(18:05-21:55, Gen. shortage)	98	13	13%
-	0	231	31	13%
249	20:00	AE20	400	
	MW 68 57 46 33	MW  - 0 - 0 68 (18:05-21:55, Gen. shortage) 57 (18:05-22:05, Gen. shortage) 46 (18:05-22:05, Gen. shortage) 33 (18:05-22:05, Gen. shortage) - 0 14 (18:05-21:55, Gen. shortage) - 0	Estimated Demand(s/s end)	Estimated Demand(s/s end)   Estimated Shedding (s/s end)   MW   MW   MW   MW   MW   MW   MW   M

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	2) Ashuganj-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	3) Raozan-2 (26/03/11)
4) Ashuganj-4(12/09/10)	
5) Raozan-1 (03/10/10)	
6) Kaptai #5 (02/11/10)	
7) Kaptai #3 (1/12/10)	

## 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 218 MW (20:00) of load shed was imposed over the
b) Due to low gas pressure RPCL (210 MW) and HPL (350 MW) were limited to	whole areas of the national grid.
118 MW & 298 MW respectively.	
c) Ashuganj CCPP GT1 & ST tripped at 22:02 due to turbine vibration.	
d) After maint.Sikalbaha GT(150 MW) was sync.at 12:10	
e) Ghorasal #4 was shut down at 23:30 due to boiler tube leakage.	
f) Baghabari-71 MW was shut down at 01:40(01/04/11) due to work in control system.	

- and was switched on at 09:43.
  h) Baghabari 230/132 kV TR2 transformer was shut down at 08:47due to CT basement work and was switched on at 10:42.
- Aminbazar 230/132 kV TR3 transformer was shut down at 09:06 due to fire fighting equipment system and was switched on at 09:55.
- j) Maniknagar-Haripur 132 kV ckt-1 was shut down at 09:45 to remove of nest and was switched on at 10:14.

g) Maniknagar-Haripur 132 kV ckt-2 was shut down at 08:32 to remove of nest

- k) Maniknagar-Matuail 132 kV line was shut down at 10:17 to remove of nest and was switched on at 10:47.
- I) Comilla(C)-Feni 132 kV line-1 tripped at 11:40 from Comilla end showing dist.protection & directional O/C relays and was switched on at 11:53.
- m) Mymensing 132/33 kV T3 transformer was shut down at 19:15 due to red hot maint.of bus islator and was switched on at 20;03.
- n) Ashuganj-Serajganj 230 kV line-2 tripped fromboth end at 04:47(01/04/11) showing distance relay and was switched on at 05:35(01/04/11).
- o) Ashuganj-Ghorasal 230 kV line-1 tripped at 04:47(01/04/11) from both end due to damage of LA( Y-phase) at Ashuganj end showing dist.relay.It is now under maint.

Power interruption occurred (about 20 MW) under Mymensing S/S areas from 19:15 to 20:03.

 Deputy / Assit. Manager
 Manager
 Deputy General Manager

 Network Operation Division
 Network Operation Division
 Load Despatch Circle