

**POWER GRID COMPANY OF BANGLADESH LTD.
CENTRAL LOAD DESPATCH CENTER. LDC.DHAKA
DAILY REPORT**

QF-LDC-08
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Till now the maximum generation is :- 4296.0 MW at 20:00 Hrs on 18-Sep-09 Reporting Date : 18-Feb-10

The Summary of Yesterday's (17-Feb-10) Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation :	3606.0	MW Hour : 12:00	Min Gen. at 5:00 3037 MW
Evening Peak Generation :	3713.5	MW Hour : 20:00	Max Generation : 3850 MW
E.P. Demand (at gen end) :	4700.0	MW Hour : 20:00	Max Demand : 4700 MW
Maximum Generation :	3736.0	MW Hour : 22:00	Shortage : 850 MW
Total Gen. (MKWH) :	83.23	System L/ Factor : 85.41%	Load Shed : 707 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	520	MW at 6:00	Energy 10395000 KWHR.
Import from West grid to East grid :- Maximum	-	MW at -	Energy - KWHR.

Water Level of Kaptai Lake at 6:00 A M of		18-Feb-10	
Actual : 88.09	Ft.(MSL) ,	Rule curve : 94.62	Ft.(MSL)

Gas Consumed : Total	705.71	MMCFt.	Oil Consumed (PDB) :	
			HSD : 296535	Liter
			FO : 0	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk52,159,026 Oil : Tk11,861,394 Total : Tk64,020,420

Load Shedding & Other Information

Area	Yesterday		Today		
	Actual Shedding (s/s end)		Estimated Demand(s/s end)		Rates of Shedding (On Estimated Demand)
	MW		from	to MW	
Dhaka	305	(17:30-00:20, gen. shortage)		1635	247 15%
Chittagong Area	118	(17:30-00:10, gen. shortage)		447	99 22%
Khulna Area	98	(17:30-23:10, gen. shortage)		412	92 22%
Rajshahi Area	100	(17:30-23:50, gen. shortage)		378	84 22%
Comilla Area	85	(17:30-23:45, gen. shortage)		304	68 22%
Mymensing Area	47	(17:30-23:30, gen. shortage)		225	51 23%
Sylhet Area	-	0		205	- -
Barisal Area	11	(17:30-23:10, gen. shortage)		84	19 23%
Rangpur Area	57	(17:30-23:50, gen. shortage)		220	47 21%
Total	821	20:00		3910	707

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Khulna 60 MW (05/07/06)	1) Kaptai- 3 (19/04/08)
	2) Shahjibazar- 2 (13/07/08)
	3) Shahjibazar-4 (18/10/08)
	4) Khulna 110 (31/03/09)
	5) Haripur SBU GT-3 (18/06/09).
	6) Shahjibazar 5 (05/08/09)
	7) Shahjibazar -6 (11/10/09).
	8) Raozan -2 (08/11/09)
	09) Ashuganj CAPP ST (05/12/09)
	10) Raozan -1(19/12/09)
	11) Sikalbaha St (27/12/09)
	12) Kaptai -4 (17/01/10)
	13) Baghabari GT-1 (17/01/10)
	14) Ghorasal 3 (13/02/10).
	15) Tongi GT - 17/02/10

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 821 MW (20:00) of load shed was imposed over the whole area (except Sylhet) of the national grid .
b) Due to gas limitation, RPCL (175 MW) , HPL (360 MW), NEPC (110MW), Baghabari GT-1 (71 MW) & GT-2 (100 MW) and Siddhirganj 210 MW were limited to 90 MW, 335 MW , 25 MW , 60 MW, 55 MW and 100 MW respectively.	
c) Due to gas limitation, Sikalbaha Steam, Haripur SBU GT-1 & 2 & Raozan -1, 2 were under shut down.	
d) Ghorasal unit - 4 was forced shut down at 14:50 due to High axial differential expansion and was synchronized at 19:57.	
e) Haripur NEPC was synchronized at 16:21.	
f) Khulshi - Abul Khair 132 KV line from 09:15 to 17:15, Chowmuhani 132/33 KV T3 transformer from 09:48 to 15:48, Kabirpur - Joydevpur 132 KV line -1 from 08:24 to 14:52, Sylhet - Chatak 132 KV line -2 from 08:34 to 16:14 were under annual maintenance.	
g) Haripur - Comilla (N) 132 KV line -2 was under shut down from 08:42 to 17:28 due to S/S maintenance of both side.	
h) Netrokona 132/33 KV T1 transformer was under shut down from 10:45 to 16:35 due to oil leakage.	
i) After maintenance, Tongi 230/132 KV T01 transformer was switched on at 12:23.	
j) Ashuganj - Shahjibazar 132 KV line -2 (no relay) & 3 (on Master trip) tripped at 00:40 (18/02/10) from Ashuganj end. At the same time Ashuganj - Kishorganj 132 KV line -2 also tripped from Ashuganj end showing ' Differential prot. of BB'. Ashuganj - Shahjibazar 132 KV line -2 & 3 were switched on at 00:54 (18/02/10) and 01:15 (18/02/10) respectively and the other line is now under inspection and maintenance.	
k) Meghnaghat - Hasnabad 230 KV line -1 tripped at 02:35 (18/02/10) from Meghnaghat end showing ' DIST Z2' and was switched on at 03:05 (18/02/10).But it tripped again at 03:29 (18/02/10) due to the same reason . It is now under inspection and maintenance.	
	Due to generation shortage, about 100 MW (09:00) of load shed has been running since morning (18/02/10) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division

Deputy General Manager
Load Despatch Circle