

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

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Till now the maximum generation is :-

4296.0 MW at

20:00

Reporting Date : 24-Mar-10
Hrs on 18-Sep-09

The Summary of Yesterday's (23-Mar-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3615.0	MW	Hour :	9:00	Min Gen. at 8:00 3471 MW
Evening Peak Generation :	3825.5	MW	Hour :	19:30	Max Generation : 3790 MW
E.P. Demand (at gen end) :	5250.0	MW	Hour :	19:30	Max Demand : 5250 MW
Maximum Generation :	3946.0	MW	Hour :	4:00	Shortage : 1460 MW
Total Gen. (MKWH) :	86.15	System L/ Factor :		85.41%	Load Shed : 1200 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	570	MW	at 7:00	Energy	11425000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of						
24-Mar-10						
Actual :	78.28	Ft.(MSL) ,	Rule curve :	89.32	Ft.(MSL)	

Gas Consumed :	Total	756.36	MMCFt.	Oil Consumed (PDB) :			
					HSD :	516267	Liter
					FO :	0	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk55,902,568 Oil : Tk20,650,664 Total : Tk76,553,232

Load Shedding & Other Information

Area	Yesterday		Today			
	Actual Shedding (s/s end)		Estimated Demand (s/s end)		Estimated Shedding (s/s end)	Rates of Shedding (On Estimated Demand)
	MW		from	to MW		
Dhaka	419	(17:50- till now, gen. shortage)		1810	460	25%
Chittagong Area	145	(17:50- till now, gen. shortage)		498	157	32%
Khulna Area	144	(17:50- till now, gen. shortage)		467	149	32%
Rajshahi Area	132	(17:50- till now, gen. shortage)		427	136	32%
Comilla Area	119	(17:50- till now, gen. shortage)		342	109	32%
Mymensing Area	86	(17:50- till now, gen. shortage)		252	80	32%
Sylhet Area	-	0		176	-	-
Barisal Area	38	(17:50- till now, gen. shortage)		94	29	31%
Rangpur Area	88	(17:50- till now, gen. shortage)		250	80	32%
Total	1171	19:30		4316	1200	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Kaptai- 3 (19/04/08)
	2) Shahjibazar- 2 (13/07/08)
	3) Shahjibazar-4 (18/10/08)
	4) Khulna 110MW (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 CCPP ST (05/12/09)
	10) Kaptai -4 (17/01/10)
	11) Khulna 60 MW (16/03/09)
	12) Ghorasal 1 (08/03/10)

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 1171 MW (19:30) of load shed was imposed over the whole area (except Sylhet) of the national grid .
b) Due to gas limitation, RPCL (175 MW), Raozan (180 MW), NEPC(110 MW) and Siddhirganj 210 MW were limited to 85 MW,140 MW, 25 MW and 150 MW respectively.	
c) Due to gas limitation, Haripur SBU GT-1 & 2, Raozan -2 were under shut down .	So about 500 MW of load shed was imposed over the whole area of the national grid.
d) Baghabari WMPL unit -2 was under shut down from 09:11 to 11:21	
e) Tongi GT was shut down at 08:24 due to gas pressure low and was synchronized at 23:21 again it was shut down at 08:27 (24/03/10) due to the same reason.	
f) Baghabari GT-2 (100 MW) tripped at 19:46 due to gas pressure low and was synchronized at 20:14.	
g) Kaptai unit -5 & 1 were scheduled shut down at 00:30 (24/03/10) and 06:35 (24/03/10) respectively.	
h) Khulna KPCL -3 tripped at 06:29 (24/03/10) due to over voltage and was synchronized at 07:28 (24/03/10).	
i) Sylhet GT was forced shut down due to lube oil temperature high.	
j) Aminbazar - Tongi 230 KV line -1 & 2 were under shut down from 08:35 to 19:32 due to erection of new tower.	
k) Jamalpur 132/33 KV T3 transformer was under shut down from 09:48 to 18:15 due to oil leakage.	
l) Kabirpur - Tangail 132 KV line -1 was under shut down from 10:45 to 17:30 due to maintenance of CT.	
m) Aminbazar 230/132 KV TR1 transformer was under shut down from 10:42 to 18:50 due to painting work.	Due to generation shortage, about 700 MW (09:00) of load shed has been running since morning (24/03/10) over the whole area (except Sylhet) of the national grid.
n) Mirpur 132/33 KV T1transformer was under shut down from 10:35 to 12:20 due to red-hot maintenance of CT.	
o) Ishurdi (DIST prot. & backup) - Ghorasal (DIST prot.) 230 KV line -2 tripped at 16:58 from both end and was switched on at 18:50.	
p) Due to burst of CT of Ashuganj CCPP GT-1, Ashuganj 1,2 ,3 , 4 and CCPP GT-1 & 2 tripped at 19:58. At the same time Ashuganj - Shahjibazar 132 KV line -1 (no relay) & 3(master trip) from Ashuganj end, Ashuganj - Kishorganj 132 KV line -1 tripped from Kishorganj end showing 'DIST B-phase', Srimongal -Fenchuganj from Fenchuganj end showing 'E/F' and Ashuganj - Ghorasal (no relay)132 KV line -1 also tripped. The lines were switched on at 21:05, 21:44, 21:20, 20:06 and 21:42 respectively. Ashuganj CCPP GT-2, unit -1, 3 and 4 were synchronized at 21:35, 23:47, 23:12, 02:20 (24/03/10) respectively. But again unit - 4 tripped at 02:58 (24/03/10) due to FD fan problem and was synchronized at 10:54 (24/03/10).	

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division

Deputy General Manager
Load Despatch Circle