

**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 : 22-Mar-10

The Summary of Yesterday's (21-Mar-10) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3713.0	MW	Hour :	9:00	Min Gen. at	8:00	3676 MW
Evening Peak Generation :	3830.5	MW	Hour :	19:30	Max Generation :		3835 MW
E.P. Demand (at gen end) :	5200.0	MW	Hour :	19:30	Max Demand :		5250 MW
Maximum Generation :	4090.0	MW	Hour :	4:00	Shortage :		1415 MW
Total Gen. (MKWH) :	88.21		System L/ Factor :	85.41%	Load Shed :		1160 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	600	MW	at	24:00	Energy	10653000	KWHR.
Import from West grid to East grid :- Maximum	-	MW	at	-	Energy	-	KWHR.
Water Level of Kaptai Lake at 6:00 A M of 22-Mar-10							
Actual :	79.06	Ft.(MSL) ,	Rule curve :	89.64	Ft.(MSL)		

Gas Consumed : Total	773.84	MMCFt.	Oil Consumed (PDB) :	HSD : 502494 Liter
				FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk57,194,514 Oil : Tk20,099,760 Total : Tk77,294,274

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	333	(17:50- till now, gen. shortage)		1811	450 25%
Chittagong Area	105	(17:50- till now, gen. shortage)		496	152 31%
Khulna Area	173	(17:50- till now, gen. shortage)		463	142 31%
Rajshahi Area	166	(17:50- till now, gen. shortage)		424	130 31%
Comilla Area	121	(17:50- till now, gen. shortage)		341	105 31%
Mymensing Area	96	(17:50- till now, gen. shortage)		250	76 30%
Sylhet Area	-	0		178	- -
Barisal Area	37	(17:50- till now, gen. shortage)		94	29 31%
Rangpur Area	92	(17:50- till now, gen. shortage)		248	76 31%
Total	1123	19:30		4305	1160

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Kaptai- 3 (19/04/08)
	2) Shajibazar- 2 (13/07/08)
	3) Shajibazar-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 CAPP 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 1123 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 87 MW,140 MW, 30 MW and 150 MW respectively.	
c) Due to gas limitation, Haripur SBU GT-1 & 2, Raozan -2 were under shut down .	
d) Tongi GT tripped at 09:23 due to gas pressure low and was synchronized at 00:08 (22/03/10).	
e) Siddhirganj Peaking plant tripped at 10:06 due to gas pressure low and was synchronized at 22:20.	
f) Barapukuria -1 was forced shut down at 01:10 (22/03/10) due to boiler tube leakage.	
g) Meghnaghat - Comilla (N) 230 KV line -1 was under annual maintenance from 08:33 to 16:39. But line -2 tripped at 12:04 from Meghnaghat end showing ' DIST. Prot' and was switched on at 12:17. Again line -1 & 2 tripped at 17:10 from both end showing ' DIST Z2' and ' DIST Z1' and were switched on at 22:44 and 17:58 respectively.	
h) Kulshi 132/33 KV T2 transformer was under shut down from 09:09 to 10:50 due to oil leakage from 33 KV side.	
i) Aminbvazar - Tongi 230 KV line -1 & 2 were under shut down from 09:15 to 18:22 due to erection of new tower.	
j) Comilla - Haripur 132 KV line -1 was under shut down from 10:44 to 15:14 due to maintenance of submarine protection line.	
k) Haripur (on DIST Z1) - Maniknagar (on DIST B) 132 KV line tripped at 12:06 from both end and was switched on at 12:15.	
l) Hasnabad - Shyampur 132 KV line was under shut down from 17:57 to 18:40 due to red-hot maintenance of 33 KV isolator at Hasnabad end.	
	Due to generation shortage, about 450 MW (09:00) of load shed has been running since morning (22/03/10) 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