

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

QF-LDC-08
Page -1

Till now the maximum generation is :-				4296.0 MW at	20:00	Reporting Date : 8-Apr-10	
The Summary of Yesterday's (7-Apr-10) Generation & Demand		Hrs	on 18-Sep-09	
Day Peak Generation :	3760.0	MW	Hour :	10:00	Min Gen. at	7:00	3878 MW
Evening Peak Generation :	3974.5	MW	Hour :	19:30	Max Generation :		4180 MW
E.P. Demand (at gen end) :	5500.0	MW	Hour :	19:30	Max Demand :		5500 MW
Maximum Generation :	3974.5	MW	Hour :	19:30	Shortage :		1320 MW
Total Gen. (MKWH) :	89.94		System L/ Factor :	85.41%	Load Shed :		1083 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid :- Maximum			620	MW	at	3:00	Energy 12166000 KWHR.
Import from West grid to East grid :- Maximum			-	MW	at	-	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A M of				8-Apr-10			
Actual :	78.02	Ft.(MSL) ,		Rule curve :	86.60	Ft.(MSL)	
Gas Consumed : Total		802.62	MMCFt.		Oil Consumed (PDB) :		
					HSD : 514424 Liter		
					FO : 0 Liter		
Cost of the Consumed Fuel (PDB) : Gas :		Tk59,321,644		Oil :	Tk20,576,978	Total : Tk79,898,622	

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	533	(18:10- Till now, gen. shortage)		1888	407	22%
Chittagong Area	153	(18:10- Till now, gen. shortage)		520	144	28%
Khulna Area	144	(18:10- Till now, gen. shortage)		488	136	28%
Rajshahi Area	135	(18:10- 23:00, gen. shortage)		446	124	28%
Comilla Area	104	(18:10- Till now, gen. shortage)		358	100	28%
Mymensing Area	81	(18:10- Till now, gen. shortage)		264	73	28%
Sylhet Area	-	0		191	-	-
Barisal Area	30	(18:10- Till now, gen. shortage)		98	27	28%
Rangpur Area	72	(18:10- Till now, gen. shortage)		260	72	28%
Total	1252	19:30		4513	1083	

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) Ashuganj CCPP ST (05/12/09)
	9) Kaptai -4 (17/01/10)
	10) Ghorasal-2 (29/03/10)
	11) Meghnaghat GT-2 (30/03/10)

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 1252 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 (360 MW), NEPC (110 MW), HPL (360 MW) and Siddhirganj GT-1 (120 MW) were limited to 86 MW, 310 MW, 68 MW, 350 MW and 107MW respectively.	
c) Khulna 60 MW tripped at 08:14 due to voltage fluctuation and was synchronized at 09:52.	
d) Tongi GT tripped at 11:33 due to gas booster problem. It is now under maintenance.	
e) After maintenance, Ghorasal unit-4 was synchronized at 22:14.	
f) Ghorasal 132/33 KV 1T transformer tripped at 11:48 due to 33KV Monohardi feeder fault and was switched on at 12:33.	Partial power interruption occurred (14 MW) under Ghorasal S/S are from 11:48 to 12:33.
g) Tongi - Aminbazar 230 line 1 & 2 were under shut down from 08:36 to 19:44 due to erection of new tower.	
h) Ashuganj 132 KV bus-1 tripped at 14:08 due to damage of Y- phase insulator of 132/6.6 KV auxiliary transformer. At that time Ashuganj - Shahjibazar 132 KV line 2 & 3, Ashuganj - Kishorganj 132 KV line -2, Ashuganj - Ghorasal 132 KV line-2, 230/132 KV OAT12 transformer and the running machines - Ashuganj RPP, Shahjibazar RPP also tripped. The bus was energized at 15:03 and the lines and transformer were switched on at 00:22(08/04/10), 15:03, 15:24, 15:17 and 15:22 respectively and the machines were synchronized at 16:12 & 15:19 respectively	
i) Goalpara (dist-T) - Bagerhat 132 KV line tripped from Goalpara due to burst of R-phase insulator at tower no- 36. At that time Barisal (dist-Z3) - Bhandaria 132KV line from Barisal , Bhandaria(SE, ABC) - Bagerhat 132KV line from Bhandaria also tripped, Goalpara - Bagerhat line is now under inspection and other lines were switched on at 02:20 .	Power interruption occurred (40 MW) under Bagerhat, Mongla & Bhandaria S/S areas from 01:55 (08/04/10) to 02:20.
	Due to generation shortage, about 500 MW (09:00) of load shed has been running since morning (08/04/10) 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