

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

Revised

QF-LDC-08
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Till now the maximum generation is :- **4606.0 MW at 22:00 Hrs on 14-Apr-10** Reporting Date : 20-Apr-10

The Summary of Yesterday's (19-Apr-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3772.0	MW	Hour :	9:00	Min Gen. at 8:00	3677 MW
Evening Peak Generation :	4043.0	MW	Hour :	20:00	Max Generation :	4020 MW
E.P. Demand (at gen end) :	5200.0	MW	Hour :	20:00	Max Demand :	5250 MW
Maximum Generation :	4043.0	MW	Hour :	20:00	Shortage :	1230 MW
Total Gen. (MKWH) :	91.08	System L/ Factor :		85.41%	Load Shed :	1044 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	560	MW	at 15:00	Energy	12713000 KWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	- KWHR.

Water Level of Kaptai Lake at 6:00 A M of		20-Apr-10			
Actual :	77.08	Ft.(MSL) ,	Rule curve :	84.20	Ft.(MSL)

Gas Consumed : Total	832.78	MMCFt.	Oil Consumed (PDB) :		
			HSD :	527005	Liter
			FO :	0	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk61,550,770 Oil : Tk21,080,190 Total : Tk82,630,960

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	376	(18:15- till now, gen. shortage)		1864	393 21%
Chittagong Area	126	(18:15- till now, gen. shortage)		515	141 27%
Khulna Area	122	(18:15- till now, gen. shortage)		478	128 27%
Rajshahi Area	111	(18:15- till now, gen. shortage)		440	120 27%
Comilla Area	88	(18:15- till now, gen. shortage)		353	96 27%
Mymensing Area	68	(18:15- till now, gen. shortage)		260	70 27%
Sylhet Area	-	0		190	- -
Barisal Area	24	(18:15- till now, gen. shortage)		97	26 27%
Rangpur Area	67	(18:15- till now, gen. shortage)		257	70 27%
Total	982	20:00		4454	1044

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Kaptai- 3 (19/04/08)
	2) Khulna 110MW (31/03/09)
	3) Haripur SBU GT-3 (18/06/09)
	4) Ashuganj CCPP ST (05/12/09)
	5) Kaptai -4 (17/01/10)
	6) Ghorasal-2 (29/03/10)
	7) HPL St (15/04/10)
	8) Siddhirganj Gt-1 (15/04/10)
	9) Ashuganj -4 (18/04/10).
	10) Ashuganj -2(19/04/10).

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 982 MW (20:00) of load shed was imposed over the whole area (except Sylhet) of the national grid .
b) Due to low gas pressure, RPCL (175 MW), Raozan (360 MW), NEPC (110 MW), and were limited to 104 MW, 320 MW and 70 MW respectively.	
c) Baghabari GT-2 (100 MW) tripped at 20:34 due to lube oil pressure low and was synchronized at 21:24.	
d) Ashuganj unit -2 was shut down at 22:20 due to vacuum problem.	
e) Tongi GT tripped at 06:05 (20/04/10) due to gas booster problem .	
f) Kalyanpur 132/33 KV T1, T2 and T3 transformers and Kalyanpur - Kamrangirchar 132 KV line, Kalyanpur - Hasnabad 132 KV line, Kalyanpur - Aminbazar 132 KV line -1 & 2 tripped at 08:13 showing ' inst. E/F main zone and reverse zone trip' and were switched on at 08:47, 08:47, 08:49, 08:44, 08:45, 08:36 and 08:37 respectively.	Power interruption occurred (108 MW) under Kalyanpur S/S areas from 08:13 to 08:46.
g) Aminbazar - Tongi 230 KV line -1 & 2 were under shut down from 08:50 to 17:36 due to project work.	
h) Haripur - Maniknagar 132 KV line -2 tripped at 10:36 showing 'DIST Y-phase' from both end and was switched on at 10:47. Again line -1 tripped at 10:55 showing same relay and was switched on at 18:10.	
i) Sremongal - Fenchuganj 132 KV line -2 tripped at 01:37 (20/04/10) from both end showing ' DIST ' and was switched on at 01:45 (20/04/10).	
j) Rampura - Magbazar 132 KV line was under shut down from 05:44 to 06:28 due to red-hot maintenance of Y-phase line isolator at Rampura end.	
	Due to generation shortage, about 400 MW (09:00) of load shed has been running since morning (20/04/10) 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