

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

Revised

QF-LDC-08
Page -1

Till now the maximum generation is :- 4606.0 MW at 22:00 Hrs on 14-Apr-10
 Reporting Date : 21-Apr-10

The Summary of Yesterday's (20-Apr-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3692.0	MW	Hour :	11:00	Min Gen. at 8:00	3760 MW
Evening Peak Generation :	4027.5	MW	Hour :	21:00	Max Generation :	4135 MW
E.P. Demand (at gen end) :	5250.0	MW	Hour :	21:00	Max Demand :	5300 MW
Maximum Generation :	4027.5	MW	Hour :	21:00	Shortage :	1165 MW
Total Gen. (MKWH) :	89.15	System L/ Factor :		85.41%	Load Shed :	968 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	590	MW	at 22:00	Energy	12966000 KWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	- KWHR.

Water Level of Kaptai Lake at 6:00 A M of		21-Apr-10			
Actual :	76.95	Ft.(MSL) ,	Rule curve :	84.00	Ft.(MSL)

Gas Consumed : Total	823.74	MMCFt.	Oil Consumed (PDB) :		
			HSD :	515207	Liter
			FO :	0	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk60,882,623 Oil : Tk20,608,284 Total : Tk81,490,907

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	385	(18:15- till now, gen. shortage)		1841	358 19%
Chittagong Area	139	(18:15- till now, gen. shortage)		509	132 26%
Khulna Area	130	(18:15- till now, gen. shortage)		474	122 26%
Rajshahi Area	115	(18:15- till now, gen. shortage)		433	111 26%
Comilla Area	90	(18:15- till now, gen. shortage)		348	89 26%
Mymensing Area	65	(18:15- 23:23, gen. shortage)		257	66 26%
Sylhet Area	-	0		191	- -
Barisal Area	25	(18:15- till now, gen. shortage)		96	24 25%
Rangpur Area	67	(18:15- 00:56, gen. shortage)		254	66 26%
Total	1016	21:00		4403	968

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 1016 MW (21:00) 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) After maintenance, Khulna 60 MW was synchronized at 12:25 and was forced shut down at 15:36 due to water wall tube leakage.	
d) Hasnabad 132 KV bus was under shut down from 08:53 to 11:20 due to red-hot maintenance of 132 KV reserve bus isolator.	Power interruption occurred (80 MW) under Hasnabad S/S areas from 08:53 to 11:20.
e) Comilla (N) - Ashuganj 230 KV line -1 was under shut down from 08:25 to 17:06 due to maintenance at Comilla (N) end.	
f) Jamalpur 33 KV bus section -II was under shut down from 09:10 to 10:10 due to red-hot maintenance of 33 KV bus isolator.	Partial power interruption occurred (13 MW) under Jamalpur S/S areas from 09:10 to 10:10.
g) Haripur - Comilla 132 KV line -1 was under shut down from 10:40 to 12:53 due to replacement of line insulator.	
h) Kabirpur (DIST) - Tongi (DIST BC Z1) 132 KV line -1 tripped at 13:50 from both side due to problem of R-phase isolator contacts and was switched on at 15:32.	
i) Haripur (DIST Y-phase Z1) - Maniknagar (DIST B-phase) 132 KV line -2 tripped at 14:34 from both end and was switched on at 14:43. Again it tripped at 16:53 due to the same reason and was switched on at 23:58.	
j) Sremongal (on DIST A-phase) - Fenchuganj (on DIST A-phase) 132 KV line -2 tripped at 19:22 from both end. At the same time Sylhet RPP (50 MW), Fenchuganj RPP (50 MW), Shahjibazar RPP (50 MW) and Shahjibazar 86 MW also tripped . The line was switched on at 19:28 and machines were synchronized at 19:31, 19:45, 20:05 and 19:45 respectively. Again this tripped at 23:28 showing same relay with Sylhet RPP (50 MW), Shahjibazar 86 MW and Shahjibazar RPP (50 MW). The line was switched on at 23:42 and machines were synchronized at 23:35, 23:47 and 00:13 (21/04/10) respectively.	
	Due to generation shortage, about 400 MW (09:00) of load shed has been running since morning (21/04/10) 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