

**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		Reporting Date : 18-Apr-10 on 14-Apr-10	
The Summary of Yesterday's (17-Apr-10) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand				
Day Peak Generation :	3970.0	MW	Hour :	9:00		Min Gen. at	8:00	3158	MW			
Evening Peak Generation :	4020.0	MW	Hour :	20:00		Max Generation :		4005	MW			
E.P. Demand (at gen end) :	5100.0	MW	Hour :	20:00		Max Demand :		5000	MW			
Maximum Generation :	4174.0	MW	Hour :	3:00		Shortage :		995	MW			
Total Gen. (MKWH) :	92.06		System L/ Factor :	85.41%		Load Shed :		842	MW			
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR												
Export from East grid to West grid :- Maximum				600		MW	at	2:00	Energy	13239000 KWHR.		
Import from West grid to East grid :- Maximum				-		MW	at	-	Energy	- KWHR.		
Water Level of Kaptai Lake at 6:00 A M of						18-Apr-10						
Actual :		77.19	Ft.(MSL) ,			Rule curve :		84.60	Ft.(MSL)			
Gas Consumed : Total 835.65 MMCFt. Oil Consumed (PDB) :												
										HSD :	330727	Liter
										FO :	0	Liter
Cost of the Consumed Fuel (PDB) : Gas : Tk61,762,892 Oil : Tk13,229,064 Total : Tk74,991,956												

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
	MW		from	to MW	MW	(On Estimated Demand)
Dhaka	427	(18:10- 01:50, gen. shortage)		1770	307	17%
Chittagong Area	100	(18:10- 01:50, gen. shortage)		486	114	23%
Khulna Area	92	(18:10- 02:50, gen. shortage)		454	107	24%
Rajshahi Area	82	(18:10- 00:56, gen. shortage)		416	98	24%
Comilla Area	93	(18:10- 01:05, gen. shortage)		334	79	24%
Mymensing Area	51	(18:10- 00:30, gen. shortage)		246	58	24%
Sylhet Area	-	0		189	-	-
Barisal Area	14	(18:10- 02:50, gen. shortage)		92	21	23%
Rangpur Area	55	(18:10- 00:56, gen. shortage)		244	58	24%
Total	914	20:00		4231	842	

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 CAPP 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)

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 914 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), HPL (250 MW) and were limited to 89 MW, 320 MW, 20 MW and 193 MW respectively.	
c) Barapukuria unit -2 tripped at 10:30 due to vacuum problem and was synchronized at 18:34.	
d) Ashuganj unit -2 tripped at 04:02 (18/04/10) due to pre-heater tube leakage. It may be synchronized before evening peak hour today.	
e) Ashuganj unit - 4 tripped at 09:26 (18/04/10) due to re-heater tube leakage.	
f) Bheramara 132 KV bus -B was under shut down from 11:36 to 11:41 due to maintenance of breaker no. - 652 B.	
g) Hasnabad 132/33 KV T2 transformer was shut down at 13:45 due to red-hot maintenance of 33 KV bus. Again T5 and T6 transformers tripped at 14:02 showing ' Over voltage' and ' O/C' respectively and T1 was shut down at 15:20 due to emergency maintenance of 33 KV bus isolator. They were switched on at 16:45 respectively.	Power interruption occurred (54 MW) under Hasnabad S/S areas from 14:02 to 16:45.
h) Thakurgaon 132/33 KV T2 transformer was under shut down from 17:04 to 17:45 due to maintenance of 33 KV bus.	
i) Bagerhat 132/33 KV T1 and T2 transformer tripped at 17:46 showing ' Lock out' due to 33 KV Rampal feeder fault and were switched on at 17:50.	Power interruption occurred (18 MW) under Bagerhat S/S areas from 17:46 to 17:50.
j) Rangpur - Saidpur 132 KV line -2 was under shut down from 19:25 to 19:50 due to red-hot maintenance of 132 KV B-phase breaker at Rangpur end. Again it tripped at 23:53 showing ' DIST B-phase' from both end and was switched on at 00:59 (18/04/10).	
k) Saidpur - Barapukuria 132 KV line -1 & 2 tripped at 23:58 from Saidpur end and both end showing 'DIST' and were switched on at 00:02 (18/04/10 and 00:04 (18/04/10) respectively.	
l) Sremongal - Fenchuganj P/S 132KV line -1 & 2 tripped at 04:47 (18/04/10) showing ' DIST ' from Fenchuganj end . At that time , Shahjibazar 86 MW, Sylhet RPP (50 MW), Shahjibazar RPP (50 MW) also tripped. So Sylhet zone was isolately running from the national grid. Sremongal - Fenchuganj P/S were synchronized at 05:25 (18/04/10). The machines were synchronized at 07:30 (18/4/10), 06:20 (18/04/10) and 07:15 (18/04/10) respectively.	
m) Mymensing - Jamalpur 132 KV line -1 & 2 tripped at 05:48 (18/04/10) from Mymensing end showing ' DIST ABC' and were switched on at 05:57 (18/04/10).	Power interruption occurred (40 MW) under Mymensing S/S areas from 05:48 to 15:57.
n) After project work, Aminbazar Tongi 230 KV line 1 & 2 were switched on at 18:32. Again they are under shut down since 07:33 (18/04/10) due to the same reason.	

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division

Deputy General Manager
Load Despatch Circle