

**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 :- 4606.0 MW at 22:00 Hrs on 14-Apr-10  
 Reporting Date : 19-May-10

The Summary of Yesterday's (	18-May-10	) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3793.0	MW	Hour :	11:00	Min Gen. at 6:00	3909 MW
Evening Peak Generation :	4050.5	MW	Hour :	19:00	Max Generation :	4115 MW
E.P. Demand (at gen end) :	5150.0	MW	Hour :	19:00	Max Demand :	5200 MW
Maximum Generation :	4143.0	MW	Hour :	3:00	Shortage :	1085 MW
Total Gen. (MKWH) :	92.34	System L/ Factor :		85.41%	Load Shed :	914 MW

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from East grid to West grid :- Maximum	480	MW	at 5:00	Energy	10770000 KWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	- KWHR.

Water Level of Kaptai Lake at 6:00 A M of		19-May-10			
Actual :	75.25	Ft.(MSL) ,	Rule curve :	78.58	Ft.(MSL)

Gas Consumed : Total	839.41	MMCFt.	Oil Consumed (PDB) :		
			HSD :	428646	Liter
			FO :	0	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk62,040,793 Oil : Tk17,145,828 Total : Tk79,186,621

**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	302	(18:30 - 05:40, gen. shortage)		1905	325 17%
Chittagong Area	135	(18:30 - 05:45, gen. shortage)		555	144 26%
Khulna Area	121	(18:30 - 05:35, gen. shortage)		480	123 26%
Rajshahi Area	126	(18:30 - 05:30, gen. shortage)		400	103 26%
Comilla Area	87	(18:30 - 05:10, gen. shortage)		310	80 26%
Mymensing Area	65	(18:30 - 05:10, gen. shortage)		230	59 26%
Sylhet Area	-	0		189	- -
Barisal Area	22	(18:30 - 05:35, gen. shortage)		96	25 26%
Rangpur Area	68	(18:30 - 05:30, gen. shortage)		214	55 26%
<b>Total</b>	<b>926</b>	<b>19:00</b>		<b>4379</b>	<b>914</b>

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) Raozan -1 (08/05/10)
	6) Sikalbaha St (02/05/10)
	7) Ghorasal 2(26/04/10)
	8) Kaptai- 4 (17/01/10)
	8) Ashuganj 1 (13/05/09)
	9) Barapukuria -2 (18/05/10)
	10) Khulna 60 MW(16/05/10)

**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 926 MW (19:00) of load shed was imposed over the whole (except Sylhet ) areas of the national grid .
b) Due to low gas pressure, RPCL (175 MW), NEPC (110 MW) and Tongi GT (105 MW) were limited to 105 MW, 65 MW and 25 MW respectively.	
c) After maintenance, Kaptai unit -1 & 2 were synchronized (on test) at 23:01 & 23:24 and were shut down at 00:11 (19/05/10) and 00:45 (19/05/10) respectively.	
d) Bheramara - GT-3 was forced shut down at 23:12 due to fuel line leakage.	
e) Barisal GT-1 tripped at 00:02 (19/05/10) due to combustion problem.	
f) Hasnabad - Meghnaghat 230 KV line -2 was under shut down from 09:55 to 12:13 due to red-hot maintenance of Y, B-phase loop at Hasnabad end.	
g) Khulshi - Madanhat 132 KV line -2 was under shut down from 09:35 to 12:22 due to armoring work.	
h) Chandpur - Comilla (N) 132 KV line -1 was under shut down from 14:24 to 16:32 due to red-hot maintenance of B-phase isolator at Chandpur end.	
i) After maintenance, Mymensing - Jamalpur 132 KV line -1 and Jamalpur 132/33 KV T3 and T1 transformers were switched on at 15:05, 15:20 and 17:10 respectively.	
j) Khulshi (on DIST Z2) - Haliashahar (on DIST C Z1 O/C) 132 KV line -1 tripped at 15:05 from both end and was switched on at 15:28.	
k) Maniknagar 132/33 KV T1 transformer tripped at 00:33 (19/05/10) showing 'O/C' and was switched on at 00:40 (19/05/10). But again it tripped at 05:22 (19/05/10) due to the same reason and was switched on at 05:35 (19/05/10).	Power interruption occurred (about 42 MW) under Maniknagar S/S areas from 00:33 to 00:40 and 05:22 to 05:35 (19/05/10).
l) Siddhirganj - Ullon 132 KV line -2 was under shut down from 05:17(19/05/10) to 06:16 due to replacement of post insulator at Ullon end.	
	Due to generation shortage, about 300 MW (09:00) of load shed has been running since morning (19/05/10) 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