

**POWER GRID COMPANY OF BANGLADESH LTD.**  
**NATIONAL LOAD DESPATCH CENTER**  
**DAILY REPORT**

QF-LDC-08  
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Till now the maximum generation is :-				4698.5 MW at	21:00	Hrs		Reporting Date : 2-Oct-10	
The Summary of Yesterday's (		1-Oct-10	) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	3722.0	MW	Hour :	12:00	Min Gen. at 7:00	3891	MW		
Evening Peak Generation :	4095.5	MW	Hour :	21:00	Max Generation :	4150	MW		
E.P. Demand (at gen end) :	5200.0	MW	Hour :	21:00	Max Demand :	5250	MW		
Maximum Generation :	4169.5	MW	Hour :	23:00	Shortage :	1100	MW		
Total Gen. (MKWH) :	92.28	System L/ Factor :		85.41%	Load Shed :	964	MW		

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

Export from East grid to West grid :-	Maximum	460	MW	at 24:00	Energy	9763000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of						
2-Oct-10						
Actual :	107.53	Ft.(MSL) ,	Rule curve :	106.09	Ft.( MSL )	

Gas Consumed : Total	737.14	MMCFt.	Oil Consumed (PDB) :			
			HSD :	1757768	Liter	
			FO :	0	Liter	

Cost of the Consumed Fuel (PDB) : Gas :	Tk54,482,017	Oil : Tk70,310,708	Total : Tk124,792,725
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**Load Shedding & Other Information**

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding
	MW		from to MW	MW	(On Estimated Demand)
Dhaka	399	(17:45-06:15 gen. shortage)	1964	355	18%
Chittagong Area	128	(17:45-05:55 gen. shortage)	570	139	24%
Khulna Area	116	(17:45-01:10 gen. shortage)	519	126	24%
Rajshahi Area	95	(17:45-05:30 gen. shortage)	427	104	24%
Comilla Area	71	(17:45-05:25 gen. shortage)	337	82	24%
Mymensing Area	56	(17:45-23:48 gen. shortage)	219	52	24%
Sylhet Area	28	(17:45-23:00 gen. shortage)	230	25	11%
Barisal Area	22	(17:45-01:10 gen. shortage)	100	24	24%
Rangpur Area	53	(17:45-05:30 gen. shortage)	237	57	24%
<b>Total</b>	<b>968</b>	21:00	<b>4603</b>	<b>964</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) Ghorasal 2(26/04/10)
	5) Siddirganj GT-1 (18/06/10)
	6) Ghorasal 6(18/07/10)
	7) Ghorasal-5(12/09/10)
	8) Ashuganj-4(12/09/10)
	9) Barapukuria- 2(21/9/10)
	10) Raozan- 2(27/9/10)
	11) Ashuganj-1(20/9/10)

**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 968 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure Raozan (360 MW) and Tongi GT (105 MW) were limited to 100 MW and 75 MW respectively.	
c) After maintenance Baghabari 71 MW was synchronized at 09:22.	
d) Sylhet RPP was shut down at 08:45 due to high temperature and was synchronized at 10:45.	
e) Haripur SBU GT-1 & 2 tripped at 13:29 & 13:30 due to booster trip and was synchronized at 16:15 & 16:20.	
f) After maintenance Ashuganj CCPG GT-1 & ST was synchronized at 16:33 & 19:03.	
g) Sikalbaha GT 150 MW tripped at 17:58 showing compressor shaft vibration high and was synchronized at 22:13.	
h) Kabirpur 132/33 KV T1 X-former was shut down at 09:20 due to changing lightning arrester and was switched on at 17:20.	
i) Haripur - Siddirganj 132 KV line-1 was under shut down from 09:24 to 14:18 due to project work .	
j) Haripur - Maniknagar 132 KV line-1 was under shut down from 10:05 to 17:25 due to annual maintenance work .	
k) Haripur - Siddirganj 132 KV line-2 was under shut down from 14:20 to 16:07 due to project work .	Due to generation shortage, about 50 MW (09:00) of load shed has been running since morning (02/10/10) over the whole area of the national grid.
l) Bottail 132/33 KV T2 X-former was under shut down from 15:02 to 16:35 due to 33 KV CT & Bkr connector change.	

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle