

**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 : 21-Oct-10	
The Summary of Yesterday's (		20-Oct-10		) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :		3725.0		MW		Hour :		11:00		Min Gen. at 8:00 3785 MW	
Evening Peak Generation :		4151.0		MW		Hour :		20:00		Max Generation : 4159 MW	
E.P. Demand (at gen end) :		5200.0		MW		Hour :		20:00		Max Demand : 5200 MW	
Maximum Generation :		4234.0		MW		Hour :		3:00		Shortage : 1041 MW	
Total Gen. (MKWH) :		93.84		System L/ Factor :		85.41%		Load Shed :		913 MW	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR											
Export from East grid to West grid :- Maximum				440		MW		at 19:00		Energy 8460000 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-Oct-10			
Actual :		108.20		Ft.(MSL) ,		Rule curve :		107.90		Ft.( MSL )	
Gas Consumed : Total		734.19		MMCFt.		Oil Consumed (PDB) :					
								HSD :		1827138 Liter	
								FO :		0 Liter	
Cost of the Consumed Fuel (PDB) : Gas :				Tk54,263,983				Oil :		Tk73,085,520 Total : Tk127,349,503	

**Load Shedding & Other Information**

Area	Yesterday		Today		
			Estimated Demand(s/s end)		Estimated Shedding (s/s e)
	MW		from	t0/MW	MW
					Rates of Shedding (On Estimated Demand)
Dhaka	419	(17:15-04:00 gen. shortage)		1950	338 17%
Chittagong Area	113	(17:15-04:00 gen. shortage)		564	132 23%
Khulna Area	101	(17:15-02:10 gen. shortage)		514	120 23%
Rajshahi Area	94	(17:15-03:55 gen. shortage)		423	99 23%
Comilla Area	76	(17:15-02:15 gen. shortage)		332	77 23%
Mymensing Area	50	(17:15-01:10 gen. shortage)		219	51 23%
Sylhet Area	17	(17:15-01:08 gen. shortage)		225	19 8%
Barisal Area	10	(17:15-02:00 gen. shortage)		100	23 23%
Rangpur Area	40	(17:15-01:36 gen. shortage)		235	54 23%
<b>Total</b>	<b>920</b>	20:00		<b>4562</b>	<b>913</b>

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Khulna 110MW (31/03/09)
	2) Haripur SBU GT-3 (18/06/09)
	3) Ghorasal 2(26/04/10)
	4) Siddirganj GT-1 (18/06/10)
	5) Ghorasal 6(18/07/10)
	6) Ashuganj-4(12/09/10)
	7) Raozan-1 (03/10/10)
	8) Shahjibazar GT-9(13/10/10)

**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 920 MW (20:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure Raozan (210 MW) and RPCL (210 MW) were limited to 80 MW and 106 MW respectively.	
c) Baghabari WMPP #1 & 2 was synchronized at 20:21 & 19:06 and #1 tripped at 23:16 due to high inlet manifold vacuum and #2 was shut down at 03:51(21/10/10) due to work of 50 MW RPP.	Power interruption occurred (about 3 MW) under Madunaghat S/S areas from 8:15 to 13:42.
d) Palash bari - Bogra 132 KV line -1 & 2 was shut down at 10:56 due to change of sky wire and was switched on at 15:22 & 15:24 respectively.	
e) Fenchuganj power plant -Fenchuganj S/S 132 KV line was shut down at 09:48 due to change of loop of red phase and was switched on at 12:54.	
f) Ishudi - Ghorashal 230 KV line -1 was shut down at 08:50 due to annual maintenance and was switched on at 18:25.	
g) Seraiganj 132/33 KV T2 transformer was shut down at 09:12 due to annual maintenance and was switched on at 13:24.	
h) Madunaghat 132/33 KV T2 transformer was shut down at 08:15 due to maintenance and was switched on at 13:42.	Due to generation shortage, about 265 MW (09:00) of load shed has been running since morning (21/10/10) over the whole area of the national grid.

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle