

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 : 13-Oct-10
on 20-Aug-10

The Summary of Yesterday's (12-Oct-10)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3637.0	MW	Hour :	11:00	Min Gen. at 7:00	3685 MW
Evening Peak Generation :	3987.5	MW	Hour :	20:00	Max Generation :	4089 MW
E.P. Demand (at gen end) :	5100.0	MW	Hour :	20:00	Max Demand :	5150 MW
Maximum Generation :	3987.5	MW	Hour :	20:00	Shortage :	1061 MW
Total Gen. (MKWH) :	87.89	System L/ Factor :		85.41%	Load Shed :	945 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	420	MW	at 2:00	Energy	8903000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.

Water Level of Kaptai Lake at 6:00 A M of

13-Oct-10

Actual : 108.74 Ft.(MSL) , Rule curve : 107.10 Ft.(MSL)

Gas Consumed : Total	696.03	MMCFt.	Oil Consumed (PDB) :			
				HSD :	1810133	Liter
				FO :	0	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk51,443,577 Oil : Tk72,405,322 Total : Tk123,848,899

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	433	(17:30-03:14 gen. shortage)	1981	373	19%
Chittagong Area	130	(17:30-02:02 gen. shortage)	563	131	23%
Khulna Area	112	(17:30-01:25 gen. shortage)	514	120	23%
Rajshahi Area	104	(17:30-01:44 gen. shortage)	423	99	23%
Comilla Area	71	(17:30-01:42 gen. shortage)	333	78	23%
Mymensing Area	55	(17:30-00:58 gen. shortage)	219	51	23%
Sylhet Area	19	(17:30-21:25 gen. shortage)	220	15	7%
Barisal Area	17	(17:30-01:25 gen. shortage)	100	23	23%
Rangpur Area	50	(17:30-01:43 gen. shortage)	235	55	23%
Total	991	20:00	4588	945	

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) Ghorasal-5(12/09/10)
	7) Ashuganj-4(12/09/10)
	8) Barapukuria- 1(07/10/10)
	9) Raozan-1 (03/10/10)
	10) Raozan-2(12/10/10)

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 991 MW (20:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure Raozan (360 MW),RPCL (210 MW) and Baghabari (100 MW) were limited to 0 MW , 106 MW and 80 MW respectively.	
c) Sikalbaha GT was synchronized at 10:45.	
d) Raozan #2 was shut down at 11:13 due to gas shortage.	
e) Shahjibazar GT-9 was forced shut down at 00:11(13/10/10) due to generator bearing vibration.	
f) After maintenance Ashuganj #3 was synchronized at 05:10 (13/10/10). It again tripped at 08:53(13/10/10) due to trip ckt fault.	
	Due to generation shortage, about 200 MW (09:00) of load shed has been running since morning (13/10/10) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle