

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

Reporting Date : 16-Oct-10

Till now the maximum generation is : -

4698.5 MW at

21:00

Hrs

on 20-Aug-10

The Summary of Yesterday's (		15-Oct-10		) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & L	
Day Peak Generation :		3633.0	MW	Hour :	12:00	Min Gen. at 7:00	3565
Evening Peak Generation :		4130.5	MW	Hour :	21:00	Max Generation :	4210
E.P. Demand (at gen end) :		5050.0	MW	Hour :	21:00	Max Demand :	5150
Maximum Generation :		4130.5	MW	Hour :	21:00	Shortage :	940
Total Gen. (MKWH) :		89.41	System L/ Factor :		85.41%	Load Shed :	833

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

Export from East grid to West grid :-	Maximum	470	MW	at 5:00	Energy	9352000
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-
Water Level of Kaptai Lake at 6:00 A M of 16-Oct-10						
Actual :	108.53	Ft.(MSL) ,	Rule curve :	107.40	Ft.(MSL)	

Gas Consumed : Total	715.23	MMCFt.	Oil Consumed (PDB) :	
			HSD :	1864193
			FO :	0

Cost of the Consumed Fuel (PDB) : Gas : Tk52,862,649 Oil : Tk74,567,734 Total : Tk127,430,383

**Load Shedding & Other Information**

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedc
	MW		from to MW	MW	(On Estimated D
Dhaka	332	(17:30-00:45 gen. shortage)	1940	293	15%
Chittagong Area	150	(17:30-01:05 gen. shortage)	568	125	22%
Khulna Area	91	(17:30-00:00 gen. shortage)	515	112	22%
Rajshahi Area	87	(17:30-01:06 gen. shortage)	424	92	22%
Comilla Area	43	(17:30-01:05 gen. shortage)	335	74	22%
Mymensing Area	32	(17:30-01:05 gen. shortage)	218	46	21%
Sylhet Area	29	(17:30-23:50 gen. shortage)	230	20	9%
Barisal Area	7	(17:30-00:00 gen. shortage)	100	21	21%
Rangpur Area	44	(17:30-01:06 gen. shortage)	235	50	21%
<b>Total</b>	<b>815</b>	<b>21:00</b>	<b>4565</b>	<b>833</b>	

Information of the Generating machines under shut down.

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

**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 815 MW (21:00) of load shed was impose whole areas of the national grid .
b) Due to low gas pressure Sikalbaha (150 MW),RPCL (210 MW) and Baghabari (100 MW) were limited to 80 MW , 107 MW and 100 MW respectively.	
c) After maintenance Barapukuria -2 was synchronized at 19:05.	Power interruption occurred (about 20 MW) under k from 11:02 to 11:09.
d) After maintenance Ghorasal -5 was synchronized at 02:30(16/10/10).It again tripped at 07:03(16/10/10) due to auxiliary power supply failure .	
e) Ashuganj - Comilla(N) 230 KV line-1 grounded at 10:05 from both end due to VT replacement at Ashuganj end .	
f) Khulna Central 132/33 KV T1,T2 & T3 X-formers tripped at 11:02 showing E/F inst and were switched on at 11:06, 11:07 & 11:09 respectively .	
g) Hasnabad 230/132 KV TR1 was shut down at 09:43 due to oil leakage from the top cover of the spare transformer connected to Bank.	
h) Ashuganj 132/33 KV T4 X-former was shut down at 20:24 due to gas filling and was switched on at 07:40 (16/10/10).	

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manag  
Load Despatch Circle

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Khulna Central S/S areas

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