

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

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Reporting Date : 27-Sep-11

Till now the maximum generation is :-

The Summary of Yesterday's (		5243.5 MW at		22:00	Hrs	on 29-Aug-11	
26-Sep-11		) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	4159.0	MW	Hour :	9:00	Min. Gen. at	7:00	4027 MW
Evening Peak Generation :	4652.0	MW	Hour :	21:00	Max Generation :		4650 MW
E.P. Demand (at gen end) :	5500.0	MW	Hour :	21:00	Max Demand :		5500 MW
Maximum Generation :	4728.0	MW	Hour :	24:00	Shortage :		850 MW
Total Gen. (MKWH) :	102.15	System L/ Factor :		85.41%	Load Shed :		773 MW

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

Export from East grid to West grid :-	Maximum	480	MW	at	19:30	Energy	7.524	MKWHR.
Import from West grid to East grid :-	Maximum	-	MW	at	-	Energy	-	MKWHR.
27-Sep-11								
Actual :	108.34	Water Level of Kaptai Lake at 6:00 A M on		Rule curve :	105.04	Ft.( MSL )		

Gas Consumed :	Total	708.67	MMCFD.	Oil Consumed (PDB) :				
					HSD :		Liter	
					FO :		Liter	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk56,590,127						
	Coal :	Tk3,948,303		Oil :	Tk267,444,861	Total :	Tk327,983,291	

**Load Shedding & Other Information**

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from 10:00	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	318	17:50-00:26	1930	242	13%
Chittagong Area	101	17:50-00:45	543	99	18%
Khulna Area	109	17:50-00:30	608	109	18%
Rajshahi Area	101	17:50-00:45	548	99	18%
Comilla Area	71	17:50-23:56	404	74	18%
Mymensing Area	33	17:50-23:55	300	56	19%
Sylhet Area	29	17:50-23:55	265	22	8%
Barisal Area	9	17:50-00:30	96	17	18%
Rangpur Area	-	0	306	55	18%
<b>Total</b>	<b>771</b>	<b>21:00</b>	<b>5000</b>	<b>773</b>	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	2) Ashuganj-1(09/11/10)
3) Kaptai #3 (11/2/10)	3) Raozan-2 (26/03/11)
	4 ) WMPL #2(1/8/11)
	5) Bhola RPP (18/7/11)
	6) Siddhirganj ST 210 MW (1/8/11)
	7) Sylhet-20(26/7/11)
	8) Ashuganj #2(29/7/11)
	9) Sikalbaha GT 150 MW (13/7/11)
	10) Sikalbaha ST 60MW (14/9/11)
	11) Shahjibazar #5 & 6(21/7/11)
	12) Khulna 60 MW (10/9/11)
	13) Ghorasal-4(20/9/11)
	14) Ghorasal-1(25/9/11)

**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 771 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure Siddhirganj 105 MW, Raozan 210 MW and RPCL 210 MW were limited to 56 MW, 130 MW and 106 MW respectively.	
c) After maintenance Megnaghat GT1 was synchronized at 15:18.	
d) After maintenance Ashuganj #2 was synchronized at 00:15(27/9/11) and tripped at 01:32 (27/9/11) showing rotor temperature high.	
e) Ghorasal Max Power(78 MW) tripped at 09:02 due to abnormal gas pressure and was synchronized at 09:20.	
f) Faridpur 132/33 kV T2 transformer was shut down at 09:47 due to checking of 33 kV CB pole(R-phase) and was switched on at 11:34.	
g) Chandpur-Chowmohani 132 kV ckt-2 was shut down at 09:55 due to project work and was switched on at	
h) Palashbari 132/33 kV T2 transformer was shut down at 10:20 due to annual maintenance and was switched on at 12:20.	
i) Mymensing 132/33 kV T2 transformer tripped at 14:37 showing differential relay and was switched on at 15:38 and again tripped at 16:04 due to the same reason and was switched on at 17:54 and again tripped.	
j) Mymensing 132/33 kV T1 transformer tripped at 15:28 showing Bochrly relay and was switched on at 18:35.	
k) Rangpur-Barapukuria 132 kV ckt-1 tripped at 19:25 showing distance relay and was switched on at 22:30.	

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle