

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

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Till now the maximum generation is :- **6675 MW** at **21:00** Hrs on **28-Sep-13** Reporting Date : 28-Sep-13

The Summary of Yesterday's ( 27-Sep-13 )		) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	4965.0	MW	Hour : 9:00	Min. Gen. at 8:00	4840	MW	
Evening Peak Generation :	5838.0	MW	Hour : 21:00	Max Generation :	5600	MW	
E.P. Demand (at gen end) :	6450.0	MW	Hour : 21:00	Max Demand :	6650	MW	
Maximum Generation :	5838.0	MW	Hour : 21:00	Shortage :	1050	MW	
Total Gen. (MKWH) :	121.55	System L/ Factor :	81.11%	Load Shed :	960	MW	

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

Export from East grid to West grid :- Maximum	610	MW	at 6:00	Energy	9.802	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.

Water Level of Kaptai Lake at 6:00 A M on 28-Sep-13			
Actual : 99.00	Ft.(MSL) ,	Rule curve : 105.28	Ft.( MSL )

Gas Consumed : Total	840.46	MMCFD.	Oil Consumed (PDB) :	
			HSD :	Liter
			FO :	Liter

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk67,114,084		
	Coal :	Tk10,102,923	Oil : Tk415,008,065	Total : Tk492,225,072

**Load Shedding & Other Information**

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from 10MW	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	152	(17:50-24:00)	2340	278	12%
Chittagong Area	77	(17:50-24:00)	638	117	18%
Khulna Area	94	(17:50-24:00)	693	127	18%
Rajshahi Area	68	(17:50-24:00)	679	124	18%
Comilla Area	49	(17:50-24:00)	470	86	18%
Mymensing Area	38	(17:50-24:00)	394	71	18%
Sylhet Area	19	(17:50-24:00)	320	57	18%
Barisal Area	14	(17:50-24:00)	143	26	18%
Rangpur Area	40	(17:50-24:00)	404	74	18%
<b>Total</b>	<b>551</b>	21:00	<b>6081</b>	<b>960</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) 9) Ashuganj ST(8/9/13)
	2) Khulna-60 MW(24/1/12) 10) Sikalbaha-150(21/9/13)
	3) Shahjibazar #5 & 6(21/7/11) 11) Bheramara #3 (24/09/13)
	4) WMPL #1(1/5/12) 12) Ashuganj ST-5 (26/09/13)
	5) WMPL #2(24/4/13) 13) Khulna 110 MW (27/09/13)
	6) Raojan #2 (31/07/13) 14) Chandpur 150 MW (28/09/13)
	7) Raozan #1 (15/08/13) 15) Sylhet 150 MW (28/09/13)
	8) Sikalbaha 60 MW (15/08/13)

**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 551 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Jamalpur 33 kV bus (partial) was shut down from 09:20 to 09:52 due to accommodate load of T3 transformer onto newly installed T4 transformer.	Power interruption occurred (about 20 MW) under Jamalpur S/S areas from 09:20 to 09:52.
c) Saidpur-Purbasadipur 132 kV Ckt-2 was shut down from 08:55 to 09:50 due to red hot maintenance work at Saidpur end.	
d) Rampura-Bashundhara 132 kV Ckt-1 tripped at 10:07 showing distance trip, 21Z1, TZ2, T12 send, T1 1 distance relay at Rampura end and was switched on 11:22.	
e) Bashundhara-Tongi 132 kV Ckt-1 tripped at 10:08 showing master trip relay at Bashundhara end and was switched on 10:41.	
f) Sylhet-150MW, 50MW,10MW tripped at 11:29 due to over frequency relay and Sylhet-50MW, 10MW was synchronized on 12:55, 11:40 respectively.	
g) Sylhet-20MW, Fenchuganj GT-3, Fenchuganj Prima tripped at 11:40, 11:57, 11:30 respectively due to over frequency relay and was synchronized on at 11:58, 12:08, 11:50 respectively.	
h) Comilla (N)-Comilla (S) via Feni 132 kV Ckt tripped at 11:03 showing earth fault, over current relay at Comilla (S) end and was switched on at 17:42.	
i) Sreemongal-Fenchuganj 132 kV Ckt-1 & 2 tripped at 11:25 showing ARC block relay at Ckt-1 & gen. trip, distance Z1, 3 -phase trip, directional earth fault relay at Ckt-2 at Fenchuganj end and was switched on at 12:43, 13:47 respectively. At the same time Fenchuganj 230/132 kV transformer tripped showing disturbance relay and Fenchuganj-Sylhet 132 kV Ckt tripped showing gen. trip ARC block relay and was switched on at 15:10, 12:43 respectively.	Power interruption occurred (about 200 MW) under Sylhet zones from 12:20 to 12:25 and 12:32 to 12:43.
j) Beramara-Baharampur HVDC 400 kV Ckt-1 tripped at 14:15 and was switched on at 14:45.	
k) After maintenance Ashuganj GT-1 was synchronized on at 15:16.	
l) Jamalpur 132/33 kV newly installed T4 transformer was switched on at 16:58 without no load condition & at 17:02 with load condition and opened on 17:30 due to problem.	
m) After maintenance Barapukuria #1 was synchronized on at 18:57.	
n) Khulna-110MW was shut down at 21:40 due to combustion chamber fire.	
o) Barisal-Bhandaria 132kV Ckt tripped at 00:02(28/09/13) showing distance C relay at Barisal end and was switched on 10:39 (28/09/13).	
p) Shahmirpur 132/33 kV T1 transformer was shut down at 00:05(28/9/13) due to 132 kV breaker compressor problem.	
q) Ashuganj ST #1 tripped at 03:13(28/09/13) and was synchronized on at 05:06(28/09/13).	
r) Siddhirganj 100MW RPP was shut down at 06:10 (28/09/13) due to project work.	

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle