

**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 :-			5243.5 MW/at		22:00	Hrs	Reporting Date : 14-Sep-11	
The Summary of Yesterday's (		13-Sep-11	) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	4611.0	MW	Hour :	10:00	Min. Gen. at	7:00	4012	MW
Evening Peak Generation :	4785.0	MW	Hour :	19:30	Max Generation :		4810	MW
E.P. Demand (at gen end) :	5425.0	MW	Hour :	19:30	Max Demand :		5500	MW
Maximum Generation :	5047.0	MW	Hour :	2:00	Shortage :		690	MW
Total Gen. (MKWH) :	113.40		System L/ Factor :	85.41%	Load Shed :		626	MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR								
Export from East grid to West grid :- Maximum		670		MW	at	4:00	Energy	12.814 MKWHR.
Import from West grid to East grid :- Maximum		-		MW	at	-	Energy	- MKWHR.
Water Level of Kaptai Lake at 6:00 A M on				14-Sep-11				
Actual :	105.79	Ft.(MSL) ,		Rule curve :	101.99	Ft.( MSL )		
Gas Consumed : Total		745.13	MMCFD.		Oil Consumed (PDB) :			
					HSD :		Liter	
					FO :		Liter	
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :	Tk59,501,604					
		Coal :	Tk4,145,719		Oil :	Tk301,117,123	Total :	Tk364,764,446

**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	177	18:10-03:15	1930	191	10%
Chittagong Area	99	18:10-03:20	539	81	15%
Khulna Area	76	18:10-02:45	606	90	15%
Rajshahi Area	66	18:10-03:30	547	83	15%
Comilla Area	50	18:10-03:20	401	60	15%
Mymensing Area	40	18:10-03:10	297	44	15%
Sylhet Area	27	18:10-20:30	268	17	6%
Barisal Area	15	18:10-02:45	96	14	15%
Rangpur Area	30	18:10-03:30	305	46	15%
<b>Total</b>	<b>580</b>	<b>19:30</b>	<b>4989</b>	<b>626</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) Sikalbaha GT 150 MW (13/7/11)
2) Ghorasal 2(26/04/10)	2) Ashuganj-1(09/11/10) 10) Sikalbaha ST(21/8/11)
3) Siddirganj GT-1 (18/06/10)	3) Raozan-2 (26/03/11) 11) Shahjibazar #5 & 6(21/7/11)
4) Kaptai #3 (1/12/10)	4 ) WMPL #2(1/8/11) 12) Ashuganj CCPP ST(30/8/11)
	5) Bhola RPP (18/7/11) 13) Ashuganj CCPP GT2(13/9/11)
	6) Siddhirganj ST 210 MW (1/8/11) 14) Sikalbaha-60 MW(14/9/11)
	7) Sylhet-20(26/7/11) 15) DPA Pagla(13/9/11)
	8) Ashuganj #2(29/7/11)

**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 580 MW (19:30) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure HPL 360 MW, Siddhirganj 105 MW, Raozan 210 MW and RPCL 210 MW were limited to 277 MW, 44 MW, 100 MW and 105 MW respectively.	
c) Tongi 132/33 kV T2 transformer was under shut down from 08:24 to 18:30 due to project work.	Power interruption occurred (about 10 MW) under Kabirpur S/S areas from 09:30 to 18:05.
d) Kabirpur 132/33 kV T3 transformer was under shut down from 09:30 to 18:05 due to CT, PT & other maintenance work.	
e) Aminbazar 230/132 kV Tr-3 transformer was under shut down from 10:28 to 12:09 due to oil leakage maintenance.	Power interruption occurred (about 70 MW) under Kamrangirchar S/S areas from 00:30 to 00:59(14/9/11).
f) Ashuganj-Seraiganj 230 kV Ckt-2 tripped at 12:38 from both end showing Gen.trip, 67(N) relay and was switched on at 17:48.	
g) Ghorasal RPP 45 MW tripped at 14:53 due to auxiliary failure and was synchronized at 15:15. It again tripped at 17:26 due to same reason and was synchronized at 17:45.	Power interruption occurred (about 154 MW) under Mymensing, Netrokona Jamalpur S/S areas from 03:50 to 04:16(14/9/11).
h) Hathazari 132/33 kV T1 transformer was under shut down from 18:18 to 19:32 due to 33 kV CT oil leakage maintenance.	
i) Thakurgaon RPP was under shut down from 15:25 to 16:25 due to emergency maintenance.	Power interruption occurred (about 165 MW) under Madaripur, Barisal, Gopalganj, Bhandaria,Bagherhat, Faridpur, Mongla, Patuakhali S/S areas from 02:06 to 04:48(14/9/11).
j) 132 kV Kalyanpur-Hasnabad line (L/A burst at Hasnabad end) , Kalyanpur-Kamrangirchar line, Hasnabad-Kamrangirchar line tripped at 00:24, 00:27, 00:30 (14/9/11) respectively showing dist. BC, inst. E/F, backup trip, main trip relays at Hasnabad end, inst. E/F, backup prot. relays at Kamrangirchar end, dist. A relay at Hasnabad end respectively. Lines were switched on at 10:39, 00:59, 01:02 (14/9/11) respectively.	
k) Mymensingh-Kishoreganj 132 kV Ckt-1 & 2 tripped at 03:50(14/9/11) from both end (heavy rainfall & storm) showing dist. A and were switched on at 04:15, 04:16(14/9/11) respectively. At the same time Mymensingh RPCL also tripped and was synchronized at 04:14.	
l) Goalpara-Bagerhat 132 kV line tripped at 02:55(14/9/11) from Bagerhat end showing O/C relay and was switched on at 03:00(14/9/11).	
m) Bheramara-Faridpur 132 kV Ckt-1 & 2 tripped at 02:06,01:42(14/9/11) respectively showing dist. relay at Ckt-1 & dist. CB2 lockout relay at Ckt-2. Ckt-1 was switched on at 02:26(14/9/11) and again tripped & after checking it was switched on at 04:48(14/9/11) and Ckt-2 was switched on at 02:10(14/9/11) & again tripped at 04:44(14/9/11) and is now under maintenance of 307 No.tower R-phase jumper loop.	
n) Goalpara-Bagerhat line was under shut down from 07:34 to 10:15(14/9/11) due to red hot maintenance at Bagerhat end.	

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle