

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

QF-LDC-08  
Page -1

Till now the maximum generation is :-				4890.0 MW at		1:00		Hrs		Reporting Date : 12-Jul-11	
The Summary of Yesterday's (		11-Jul-11		) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :		4253.0		MW		Hour :		12:00		Min. Gen. at 8:00 4335 MW	
Evening Peak Generation :		4712.0		MW		Hour :		20:00		Max Generation : 4639 MW	
E.P. Demand (at gen end) :		5400.0		MW		Hour :		20:00		Max Demand : 5400 MW	
Maximum Generation :		4754.0		MW		Hour :		24:00		Shortage : 761 MW	
Total Gen. (MKWH) :		105.94		System L/ Factor :				85.41%		Load Shed : 691 MW	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR											
Export from East grid to West grid :- Maximum				400		MW		at 6:00		Energy 6.919 MKWHR.	
Import from West grid to East grid :- Maximum				-		MW		at -		Energy - MKWHR.	
Water Level of Kaptai Lake at 6:00 A M on								12-Jul-11			
Actual :		87.76		Ft.(MSL) ,		Rule curve :		85.76		Ft.( MSL )	
Gas Consumed : Total		760.80		MMCFD.				Oil Consumed (PDB) :			
								HSD :		Liter	
								FO :		Liter	
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :		Tk60,752,916							
		Coal :		Tk9,250,315				Oil :		Tk270,695,074 Total : Tk340,698,305	

**Load Shedding & Other Information**

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW		Estimated Demand(s/s end) from to MW	Estimated Shedding (s/s end) MW	
Dhaka	203	(18:50-02:50)	2082	241	12%
Chittagong Area	80	(18:50-05:05)	595	102	17%
Khulna Area	87	(18:50-02:50)	516	87	17%
Rajshahi Area	71	(18:50-05:05)	444	76	17%
Comilla Area	60	(18:50-02:50)	352	60	17%
Mymensing Area	47	(18:50-03:53)	272	47	17%
Sylhet Area	27	(18:50-03:53)	288	18	6%
Barisal Area	13	(18:50-02:50)	106	18	17%
Rangpur Area	37	(18:50-02:27)	248	42	17%
<b>Total</b>	<b>625</b>	<b>20:00</b>	<b>4903</b>	<b>691</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) Siddirganj GT-1 (18/06/10)	3) Raozan-2 (26/03/11)
4) Ashuganj-4(12/09/10)	4) Khulna-60 MW (18/4/11)
5) Kaptai #3 (1/12/10)	5) Raozan-1 (14/5/11)
6) WMPL #2(11/6/11)	6) Sylhet GT 20 MW(30/6/11)
7) Ghorasal-3(1/7/11)	

**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 625 MW (20:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure RPCL 210 MW & Tongi 105 MW were limited to 128 MW,65 MW respectively.	
c) Hathazari-Comilla(N) 230kV Ckt-1 tripped at 10:09 from both end showing dist. AB relay at Comilla(N) & Main protection trip, dist. ABC relays at Hathazari end and was switched on at 11:27. It again tripped at 12:08 showing dist. Mode TE, value: D 3P, Z1 relay and was switched on at 15:45.	Power interruption occurred (about 13 MW) under Shyampur S/S areas from 07:40 to 21:25..
d) After maintenance Ashuganj #5 was synchronized at 11:47.	
e) After maintenance Shahjibazar GT-8 was synchronized at 11:47.	Due to generation shortage about 90 MW (09:00) of load shed has been running since morning (12/07/11) over the whole area (except Sylhet) of the national grid.
f) Shyampur 132/33 kV T3 transformer was under shut down from 07:40 to 15:00 due to DPDC work & tripped at 15:00 showing diff. relay and finally it was switched on at 21:25.	
g) Kaptai #4 & #5 are under shut down since 07:21, 07:22(12/7/11) respectively due to intake cleaning	
h) Kaptai #2 is under shut down since 09:05 (12/7/11) due to cooler leakage maintenance.	

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle