

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		Reporting Date : 11-Oct-11	
The Summary of Yesterday's () Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	4193.0	MW	Hour : 11:00	Min. Gen. at 8:00	4378 MW
Evening Peak Generation :	4736.0	MW	Hour : 20:00	Max Generation :	4778 MW
E.P. Demand (at gen end) :	5600.0	MW	Hour : 20:00	Max Demand :	5650 MW
Maximum Generation :	4819.5	MW	Hour : 24:00	Shortage :	872 MW
Total Gen. (MKWH) :	104.37	System L/ Factor :	85.41%	Load Shed :	769 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid :- Maximum		570	MW at 5:00	Energy	9.671 MKWHR.
Import from West grid to East grid :- Maximum		-	MW at -	Energy	- MKWHR.
Water Level of Kaptai Lake at 6:00 A M on 11-Oct-11					
Actual :	107.93	Ft.(MSL) ,	Rule curve :	106.90	Ft.(MSL)
Gas Consumed : Total		727.01	MMCFD.	Oil Consumed (PDB) :	
				HSD :	Liter
				FO :	Liter
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :	Tk58,054,649		
		Coal :	Tk4,343,136	Oil :	Tk271,516,516
				Total :	Tk333,914,302

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	254	17:35-02:58	1945	266	14%
Chittagong Area	89	17:35-02:52	533	92	17%
Khulna Area	99	17:35-02:50	600	104	17%
Rajshahi Area	90	17:35-02:45	540	94	17%
Comilla Area	66	17:35-02:38	395	67	17%
Mymensing Area	49	17:35-01:56	290	47	16%
Sylhet Area	48	17:35-01:07	285	31	11%
Barisal Area	16	17:35-02:50	96	17	18%
Rangpur Area	51	17:35-02:45	300	51	17%
Total	762	20:00	4984	769	

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 (1/12/10)	3) Raozan-2 (26/03/11)
4) Shahjibazar #8(2/10/11)	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) Barapukuria-1(2/9/11)
	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) Ashuganj-4(5/10/11)
	14) Ghorasal Max (1/10/11)

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 762 MW (20:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure HPL 360 MW, Siddhirganj 210 MW, Raozan 210 MW and RPCL 210 MW were limited to 271 MW, 68 MW, 130 MW and 106 MW respectively.	
c) After maintenance AES Haripur GT & ST were synchronized at 14:38 & 18:12 respectively.	
d) Thakurgaon RPP tripped at 14:05 due to machine problem.	
e) Joydevpur 132/33 kV T2 transformer was shut down at 08:27 due to oil leakage maintenance and was switched on at 14:43.	
f) Bottail 132/33 kV T2 transformer was shut down at 09:13 due to annual maintenance and was switched on at 15:15.	
g) GK 132/33 kV T2 transformer was shut down at 09:13 due to annual maintenance and was switched on at 13:11.	
h) Feni-Chowmohani 132 kV ckt-2 tripped at 11:50 showing distance C-phase, Zone-1 and was switched on at 12:02.	
i) Siddhirganj 132/33 kV T1 & T2 transformers tripped at 12:54 showing instant earth fault relay and was switched on at 13:12.	
j) Kaptai #2 was forced shut down at 05:20(11/10/11) due to thrust bearing oil cooler leakage.	
k) Shahjadpur 132/33 kV T1 transformer was shut down at 09:28 and was switched on at 16:48..	
	Due to generation shortage about 90 MW (09:00) of load shed has been running since morning (11/10/11) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle