

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 :- **4698.5 MW at 21:00 Hrs** Reporting Date : **24-Sep-10**
on **20-Aug-10**

The Summary of Yesterday's (23-Sep-10)) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3766.0	MW	Hour :	10:00	Min Gen. at 7:00	3585	MW
Evening Peak Generation :	4158.0	MW	Hour :	20:00	Max Generation :	4200	MW
E.P. Demand (at gen end) :	5200.0	MW	Hour :	20:00	Max Demand :	5150	MW
Maximum Generation :	4158.0	MW	Hour :	20:00	Shortage :	950	MW
Total Gen. (MKWH) :	92.37	System L/ Factor :		85.41%	Load Shed :	829	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	520	MW	at 4:00	Energy	11805000	KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-	KWHR.
Water Level of Kaptai Lake at 6:00 A M of 24-Sep-10							
Actual :	107.86	Ft.(MSL) ,	Rule curve :	104.32	Ft.(MSL)		

Gas Consumed : Total 747.91 MMCFt. Oil Consumed (PDB) :
HSD : 1751910 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk55,278,028 Oil : Tk70,076,398 Total : Tk125,354,426

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from to MW	MW	(On Estimated Demand)
Dhaka	325	(17:45-03:00 gen. shortage)	1936	318	16%
Chittagong Area	137	(17:45-02:50 gen. shortage)	553	118	21%
Khulna Area	118	(17:50-02:15 gen. shortage)	503	107	21%
Rajshahi Area	96	(17:50-02:30 gen. shortage)	414	88	21%
Comilla Area	74	(17:45-02:25 gen. shortage)	326	69	21%
Mymensing Area	59	(17:45-02:10 gen. shortage)	215	46	21%
Sylhet Area	25	(17:45-23:00 gen. shortage)	222	15	7%
Barisal Area	20	(17:50-02:05 gen. shortage)	97	20	21%
Rangpur Area	55	(17:45-02:30 gen. shortage)	230	48	21%
Total	909	20:00	4496	829	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Kaptai- 3 (19/04/08) 2) Khulna 110MW (31/03/09) 3) Haripur SBU GT-3 (18/06/09) 4) Ghorasal 2(26/04/10) 5) Siddirganj GT-1 (18/06/10) 6) Ghorasal 6(18/07/10) 7)Ghorasal-5(12/09/10)
	8) Ashuganj-4(12/09/10)

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 909 MW (20:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure Raozan (360 MW) and Tongi GT (105 MW) were limited to 190 MW and 50 MW respectively.	
c) Ashuganj CAPP St. force shut down at 10:45 due to circulating pump problem.	Power interruption occurred (about 12 MW) under Ishurdi S/S areas from 10:01 to 10:31.
d) Kartai #2 tripped at 11:40 due to sparking on control pannel and was synchronized at 13:45.	
e) RPCL GT-1 & 3tripped at 10:29 due to under voltage and was synchronized at 10:51 & 11:15 res.	
Sylhet RPP (10 MW) tripped at 10:30 and was synchronized at 13:40.	
f) Bhola rental was shut down at 23:31 due to lube oil line leakage.	
g) Westmond -1 & 2 tripped at 04:52(24/09/10) showing earth fault.	
h) Jangalia RPP tripped at 16:58 due to trip of Luksham 132 KV line and was synchronized at 17:22.	
i) Ghorasal RPP (45MW) tripped at 17:35 due to high frequency and was synchronized at 18:25.	
j) Haripur - Manikganj 132 KV line -1 tripped at 08:25 showing distance relays and was switched on at 08:44.	
k) Mymensing - Netrokona 132 KV line-2 tripped at 10:29 showing E/F & O/C relays and was switched on at 10:57.	
l) Ashuganj - Kishorganj 132 KV line -2 tripped at 13:25 showing Dist. Relays and was switched on at 13:32.	
m) Feni - Chowmohani 132 KV line -1 & 2 tripped at 10:52 showing distance & O/C relays and was switched on at 11:04 & 11:09 respectively.	
n) Bagherhat - Bhandaria 132 KV line tripped at 10:12 showing O/C relays and was switched on at 10:17.	
o) Ishurdi 132/33 KV T1 transformer shut down at 10:01 due to 33 KV incmming breaker protection test and was switched on at 10:31.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle