

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 :- **4606.0 MW at 22:00 Hrs** Reporting Date : 8-Aug-10
on 14-Apr-10

The Summary of Yesterday's (7-Aug-10)		Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3660.0	MW	Hour :	10:00	Min Gen. at 8:00	3572	MW
Evening Peak Generation :	3897.8	MW	Hour :	21:00	Max Generation :	3867	MW
E.P. Demand (at gen end) :	5050.0	MW	Hour :	21:00	Max Demand :	5200	MW
Maximum Generation :	3897.8	MW	Hour :	21:00	Shortage :	1333	MW
Total Gen. (MKWH) :	88.44	System L/ Factor :		85.41%	Load Shed :	1134	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	576	MW	at 4:00	Energy	11571000	KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-	KWHR.
Water Level of Kaptai Lake at 6:00 A M of 8-Aug-10							
Actual :	98.63	Ft.(MSL) ,	Rule curve :	91.24	Ft.(MSL)		

Gas Consumed : Total 737.30 MMCFt. Oil Consumed (PDB) :
HSD : 1095697 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk54,493,843 Oil : Tk43,827,876 Total : Tk98,321,719

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding
	MW		from to MW	MW	(On Estimated Demand)
Dhaka	402	(18:30-Till Now gen. shortage)	1908	447	23%
Chittagong Area	149	(18:30-Till Now gen. shortage)	549	165	30%
Khulna Area	106	(18:30-Till Now gen. shortage)	490	147	30%
Rajshahi Area	75	(18:30-Till Now gen. shortage)	404	121	30%
Comilla Area	92	(18:30-Till Now gen. shortage)	315	95	30%
Mymensing Area	70	(18:30-Till Now gen. shortage)	222	67	30%
Sylhet Area	24	0	229	-	-
Barisal Area	15	(18:30-Till Now gen. shortage)	94	28	30%
Rangpur Area	47	(18:30-Till Now gen. shortage)	213	64	30%
Total	980	21:00	4424	1134	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Kaptai- 3 (19/04/08)	7) Sikalbaha St (07/07/10)
2) Khulna 110MW (31/03/09)	8) Ghorasal 6(18/07/10)
3) Haripur SBU GT-3 (18/06/09)	9) Raozan -2 (17/07/10)
4) Ghorasal 2(26/04/10)	10) Ashugonj (02/08/2010)
5) Siddhirganj GT-1 (16/06/10)	11) Haripur SBU GT-1 (1/8/2010)
6) Kaptai -1 (25/06/10)	

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 980 MW (20:00) of load shed was imposed over the whole (except Sylhet) areas of the national grid .
b) Due to gas limitation, RPCL (210 MW) ,Tongi (105 MW) and HPL (360 MW) were limited to 90 MW,25 MW and 351 MW respectively.	
c) KPCL Tiger-1 & Tiger-3 tripped at 11:45 due to E/F and was synchronized at 11:52.	Power interruption occurred (38 MW) at Mongla,Bagerhat & Bhandaria S/S areas from 11:45 to 13:12.
d) KPCL Tiger-3 tripped at 19:10 due to over voltage and was synchronized at 19:19.	
e) Goalpara-Bagerhat , Bagerhat-Bhandaria & Bhandaria-Barisal 132 KV tripped at 11:45 showing distance relays at both end and was switched at 11:58 , 13:12 & 11:48 respectively.	Due to generation shortage, about 600 MW (09:00) of load shed has been running since morning (08/08/10) 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