

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

QF-LDC-08
Page -1

Till now the maximum generation is :- **4698.5 MW at 21:00 Hrs** Reporting Date : 19-Sep-10
on 20-Aug-10

The Summary of Yesterday's (18-Sep-10)) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3768.0	MW	Hour : 12:00	Min Gen. at 7:00	3284 MW
Evening Peak Generation :	4327.3	MW	Hour : 20:00	Max Generation :	4138 MW
E.P. Demand (at gen end) :	4850.0	MW	Hour : 20:00	Max Demand :	5200 MW
Maximum Generation :	4327.3	MW	Hour : 20:00	Shortage :	1062 MW
Total Gen. (MKWH) :	91.24	System L/ Factor :	85.41%	Load Shed :	925 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	560	MW	at 2:00	Energy	12143000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 19-Sep-10						
Actual :	107.32	Ft.(MSL) ,	Rule curve :	103.94	Ft.(MSL)	

Gas Consumed : Total 764.31 MMCFt. Oil Consumed (PDB) :
HSD : 1498476 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk56,490,152 Oil : Tk59,939,044 Total : Tk116,429,196

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	192	(18:00-00:45 gen. shortage)	1968	375	19%
Chittagong Area	58	(18:00-23:58 gen. shortage)	555	128	23%
Khulna Area	51	(18:00-00:39 gen. shortage)	505	116	23%
Rajshahi Area	54	(18:00-00:39 gen. shortage)	415	95	23%
Comilla Area	35	(18:00-23:44 gen. shortage)	327	75	23%
Mymensing Area	25	(18:00-23:38 gen. shortage)	212	46	22%
Sylhet Area	8	(18:00-00:00 gen. shortage)	220	16	7%
Barisal Area	10	(18:00-00:39 gen. shortage)	98	22	22%
Rangpur Area	22	(18:00-00:36 gen. shortage)	231	52	23%
Total	455	20:00	4531	925	

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 455 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 330 MW, 75 MW respectively.	
c) Ashuganj CCPG GT-1 & St tripped at 16:42 due to high vibration . synchronized at 12:27.	Power interruption occurred (about 20 MW) under Bagerhat S/S areas from 08:47 to 08:51. Power interruption occurred (about 0.8 MW) under Goalpara S/S areas from 09:10 to 12:56.
d) After maintenance Kaptai #5 was synchronized at 21:51.	
e) Sikalbaha 150 MW was shut down at 23:10 sue to schedule checkup.	
f) Baghabari WMPL #2 & #1 tripped at 01:08(19/9/10) & 03:28(19/9/10) respectively due to turbine exhaust vibration high and #2 was synchronized at 03:48(19/9/10) and #1 was synchronized at 06:11(19/9/10).	
g) Bagerhat 132/33 KV T1 & T2 X-former tripped at 08:47 showing E/F and T1 was switched on at 08:51 & T2 was switched on at 08:50.	
h) Goalpara 33 KV bus was shut down at 09:10 due to bus isolator change and was switched on at 12:56.	
i) Aminbazar 230/132 KV T1,T2 & T3 X-former were shut down at 09:36 ,10:52 & 12:45 respectively due to fire fighting test and were switched on at 10:46,11:35 & 13:18 respectively.	
j) Ishurdi 132/33 KV T1 X-former was shut down at 11:35 due to working of PT and was switched on at 13:18.	
k) Ishurdi 132/33 KV T1 X-former tripped at 15:05 due to working of PT and was switched on at 13:18.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle