

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 : 29-Sep-10
on 20-Aug-10

The Summary of Yesterday's (28-Sep-10)		Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3482.0	MW	Hour :	10:00	Min Gen. at 7:00	3627	MW
Evening Peak Generation :	4109.5	MW	Hour :	21:00	Max Generation :	4145	MW
E.P. Demand (at gen end) :	5200.0	MW	Hour :	21:00	Max Demand :	5250	MW
Maximum Generation :	4136.5	MW	Hour :	22:00	Shortage :	1105	MW
Total Gen. (MKWH) :	86.87	System L/ Factor :		85.41%	Load Shed :	973	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	590	MW	at 5:00	Energy	10269000	KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-	KWHR.
Water Level of Kaptai Lake at 6:00 A M of 29-Sep-10							
Actual :	107.73	Ft.(MSL) ,	Rule curve :	105.52	Ft.(MSL)		

Gas Consumed : Total 714.85 MMCFt. Oil Consumed (PDB) :
HSD : 1835471 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk52,834,564 Oil : Tk73,418,824 Total : Tk126,253,388

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from tðMW	MW	(On Estimated Demand)
Dhaka	381	(17:45-00:00 gen. shortage)	1952	340	17%
Chittagong Area	131	(17:45-01:50 gen. shortage)	580	147	25%
Khulna Area	118	(17:45-01:50 gen. shortage)	526	132	25%
Rajshahi Area	100	(17:45-01:24 gen. shortage)	433	109	25%
Comilla Area	80	(17:45-01:37 gen. shortage)	342	86	25%
Mymensing Area	58	(17:45-01:38 gen. shortage)	222	54	24%
Sylhet Area	14	(17:45-01:48 gen. shortage)	226	20	9%
Barisal Area	24	(17:45-01:50 gen. shortage)	101	24	24%
Rangpur Area	54	(17:45-01:24 gen. shortage)	242	61	25%
Total	960	21:00	4624	973	

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)
	9)Barapukuria(21/09/10)
	10) Raozan- 2(27/9/10)

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 960 MW (221:00) 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 100 MW and 40 MW respectively.	
c) Fenchuganj GT-2 was shut down at 10:11 due to combine mode operation and was synchronized at 12:30.	
d) Ashuganj #1, #2, #5 & GT-1 were synchronized at 13:16, 12:43, 19:45, 12:38 respectively.	Power interruption occurred (about 17 MW) under Bagerhat S/S areas from 14:50 to 14:59. Power interruption occurred (about 34 MW) under Barisal S/S areas from 15:08 to 15:09. Power interruption occurred (about 34 MW) under Hasnabad S/S areas from 15:55 to 17:17.
e) Bheramara 132 KV B-bus was shut down at 10:05 due to work of new RPP and was switched on at at 15:36.	
f) Mymensing 132/33 KV T3 X-forme was shut down at 11:23 due to red hot maintenance and was switched on at 11:45.	
g) Bagerhat 132/33 KV T1 & T2 X-former tripped at 14:50 due to 33 KV feeder breaker problem and T1 was switched on at 14:58 & T2 was switched on at 14:59.	Due to generation shortage, about 100 MW (09:00) of load shed has been running since morning (29/9/10) over the whole area (except Sylhet) of the national grid.
h) Barisal 132/33 KV X-former T1 & T2 tripped at 15:03 due to E/F and T1 was switched on on at 15:08 & T2 was switched on at 15:09.	
i) Hasnabad 132/33 KV X-former T2, T5 & T6 tripped at 15:55 due to snapping of 33 KV Sreenagar feeder wire and were switched on at 17:17.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle