

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 : 27-Sep-10 on 20-Aug-10	
The Summary of Yesterday's (26-Sep-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3852.0	MW	Hour :	12:00	Min Gen. at 7:00	3658 MW
Evening Peak Generation :	4178.5	MW	Hour :	20:00	Max Generation :	4215 MW
E.P. Demand (at gen end) :	5250.0	MW	Hour :	20:00	Max Demand :	5300 MW
Maximum Generation :	4178.5	MW	Hour :	20:00	Shortage :	1085 MW
Total Gen. (MKWH) :	91.71	System L/ Factor :		85.41%	Load Shed :	957 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :-		Maximum	580	MW	at 3:00	Energy 11340000 KWHR.
Import from West grid to East grid :-		Maximum	-	MW	at -	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A M of				27-Sep-10		
Actual :	107.81	Ft.(MSL) ,	Rule curve :	104.80	Ft.(MSL)	
Gas Consumed : Total		738.73	MMCFt.	Oil Consumed (PDB) :		
				HSD :	1625652	Liter
				FO :	0	Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk54,599,534	Oil :	Tk65,026,092	Total :	Tk119,625,626

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	424	(17:45-00:54 gen. shortage)	2031	388	19%
Chittagong Area	115	(17:45-01:05 gen. shortage)	572	131	23%
Khulna Area	118	(17:45-01:15 gen. shortage)	521	119	23%
Rajshahi Area	97	(17:45-01:05 gen. shortage)	429	99	23%
Comilla Area	66	(17:45-00:03 gen. shortage)	338	78	23%
Mymensing Area	48	(17:45-00:03 gen. shortage)	220	48	22%
Sylhet Area	18	(17:45-22:02 gen. shortage)	230	21	9%
Barisal Area	15	(17:45-01:15 gen. shortage)	100	22	22%
Rangpur Area	44	(17:45-01:05 gen. shortage)	235	51	22%
Total	945	20:00	4676	957	

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 945 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 180 MW and 40 MW respectively.	
c) After maintenance Siddirganj GT-2 was synchronized at 21:19.	
d) Baghabari #2(100 MW) tripped at 20:13 due to control system problem.	
e) Ghorasal RPP tripped at 08:05(27/09/10) due to tripping of unit transformer and was synchronized at 08:40.At the same time Ghorasal quick RPP also tripped due to same cause and was synchronized at 08:25.	
f) Shah Mirpur -Sikalbaha 132 KV line-1 was shut down at 10:22 due to red hot maintenance and was switched on at 11:30.	
g) Bhulta - Ghorasal 132 KV line was shut down at 11:15 due to maintenance work and was switched on at 12:22.	
h) Bheramara GK project 132 KV line-1 tripped at 09:13 due to tripping of GK project 132/5.5 KV transformer and was switched on at 09:20.	
i) Mirpur 132 KV S/S bus was shut down at 09:59 due to post insulator change and was switched on at 13:45.	
j) Sylhet 132 KV S/S bus was shut down at 10:16 due to red hot maintenance and was switched on at 11:20.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle