

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-Dec-10 on 20-Aug-10
The Summary of Yesterday's (23-Dec-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation :	3214.0	MW	Hour :	10:00	Min Gen. at 4:00 2232 MW
Evening Peak Generation :	3519.5	MW	Hour :	20:00	Max Generation : 3541 MW
E.P. Demand (at gen end) :	4100.0	MW	Hour :	20:00	Max Demand : 4025 MW
Maximum Generation :	3519.5	MW	Hour :	20:00	Shortage : 485 MW
Total Gen. (MKWH) :	71.44	System L/ Factor :		85.41%	Load Shed : 439 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	510	MW	at 8:00	Energy	9430000 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-Dec-10		
Actual :	98.15	Ft.(MSL) ,	Rule curve :		103.80	Ft.(MSL)

Gas Consumed : Total	583.51	MMCFt.	Oil Consumed (PDB) :		
			HSD :	836158	Liter
			FO :	1287540	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk43,127,224 Oil : Tk59,197,114 Total : Tk102,324,339

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	228	(17:00-22:15 gen. shortage)	1573	151	10%
Chittagong Area	72	(17:00-22:13 gen. shortage)	445	66	15%
Khulna Area	62	(17:00-22:00 gen. shortage)	407	61	15%
Rajshahi Area	48	(17:00-22:00 gen. shortage)	334	50	15%
Comilla Area	39	(17:00-22:05 gen. shortage)	265	40	15%
Mymensing Area	33	(17:00-21:55 gen. shortage)	170	25	15%
Sylhet Area	11	(17:00-22:50 gen. shortage)	190	6	3%
Barisal Area	8	(17:00-22:00 gen. shortage)	79	12	15%
Rangpur Area	25	(17:00-22:00 gen. shortage)	187	28	15%
Total	526	20:00	3650	439	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	9) Kaptai #3 (1/12/10)
2) Ghorasal 2(26/04/10)	10) Barapukuria-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	11) Barapukuria-2(20/12/10)
4) Ashuganj-4(12/09/10)	
5) Raozan-1 (03/10/10)	
6) Sikalbaha GT (24/10/10)	
7) Raozan-2 (21/10/10)	
8) Kaptai #5 (02/11/10)	
	1) Ghorasal 6(18/07/10)
	2) Ashuganj-1(09/11/10)
	3) Sikalbaha 60MW(19/11/10)
	4) Siddirganj-210MW(23/11/10)
	5) Ghorasal 1(19/12/10)
	6) Baghabari 71 MW(21/12/10)
	7) Khulna-60 MW(23/12/10)

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 526 MW (20:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure RPCL (210 MW) and Tongi (105 MW) were limited to 91 MW and 0 MW respectively.	
c) Khulna-60 MW was forced shut down at 09:08 due to boiler drum level control valve problem.	
d) Comilla(N)-Meghnaghat 230 kV line-2 tripped at 10:35 showing distance relays and was switched on at 10:39.	
e) Comilla(N) - Feni 132kV line-2 was under shut down from 09:35 to 12:14 due to annual maint.	
f) Chandraghona-Madunaghat 132kV line was under shut down from 08:06 to 16:07 due to annual maint.	
g) Mymensing-Kishorganj 132kV line-1 was under shut down from 08:30 to 14:30 due to annual maint.	
h) Kabirpur-Joydebpur 132 kV line-1 was under shut down from 08:49 to 16:20 due to annual maint.	
i) Kamrangirchar-Kallyanpur 132kV line was under shut down from 08:50 to 13:38 due to annual maint.	
j) Tongi-Ghorasal 230kV line-2 was under shut down from 09:33 to 17:55 due to annual maint.	
k) Bogra-Naogaon 132kV line-1 was under shut down from 10:31 to 15:20 due to annual maint.	
l) Hasnabad 230/132 KV T3 transformer was shut down from 09:08 to 17:35 due to annual maint.	
m) Haripur 132/33 kV T1 transformer was shut down from 10:02 to 15:03 due to annual maint.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle