

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 : 1-Jan-11 on 20-Aug-10	
The Summary of Yesterday's (31-Dec-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	2955.0	MW	Hour :	9:00	Min Gen. at 4:00	2260 MW
Evening Peak Generation :	3714.3	MW	Hour :	20:00	Max Generation :	3757 MW
E.P. Demand (at gen end) :	3900.0	MW	Hour :	20:00	Max Demand :	3950 MW
Maximum Generation :	3714.3	MW	Hour :	20:00	Shortage :	193 MW
Total Gen. (MKWH) :	69.73	System L/ Factor :		85.41%	Load Shed :	175 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	550	MW	at 1:00	Energy	10647000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 1-Jan-11						
Actual :	36.93	Ft.(MSL) ,	Rule curve :	103.00	Ft.(MSL)	

Gas Consumed : Total	604.46	MMCFt.	Oil Consumed (PDB) :			
			HSD :	1447331	Liter	
			FO :	793214	Liter	

Cost of the Consumed Fuel (PDB) : Gas : Tk44,675,639 Oil : Tk73,757,504 Total : Tk118,433,142

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	83	(17:10-22:10 gen. shortage)	1573	63	4%
Chittagong Area	20	(17:10-21:52 gen. shortage)	430	26	6%
Khulna Area	16	(17:10-21:50 gen. shortage)	393	24	6%
Rajshahi Area	16	(17:10-21:56 gen. shortage)	323	20	6%
Comilla Area	13	(17:10-22:00 gen. shortage)	255	16	6%
Mymensing Area	7	(17:10-21:00 gen. shortage)	166	10	6%
Sylhet Area	-	0	194	-	-
Barisal Area	5	(17:10-21:50 gen. shortage)	77	5	6%
Rangpur Area	9	(17:10-21:56 gen. shortage)	180	11	6%
Total	169	20:00	3591	175	

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-2(20/12/10)
3) Siddirganj GT-1 (18/06/10)	
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)	

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 169 MW (20:00) load shed was imposed over the whole areas(except Sylhet) of the national grid .
b) Due to low gas pressure RPCL (210 MW), Tongi (105 MW) were limited to 89 MW,50 MW respectively.	
c) Khulna 110 MW was forced shut down at 08:25 due to boiler tube leakage.	
d) Siddirganj-Haripur 132kV line-1 was under shut down from 08:27 to 12:16 due to annual maint.	
e) Srimangal-Shahjibajar 132kV line-1 was under shut down from 08:54 to 16:20 due to annual maint.	
f) Rampura-Magbazar 132kV line-1 was under shut down from 11:13 to 16:50 due to maintenance work by DPDC.	
g) Kabirpur 132/33 kV T3 x-former was under shut down from 08:36 to 16:32 due to annual maint.	
h) Ashuganj ST-2 tripped at 11:43 due to boiler tube leakage.	
i) Haripur-Comilla(N) 132 kV line-1 & 2 was switched on at 16:29.	
j) Meghnaghat GT-1, GT-2 & ST tripped on at 03:14 (1/1/11) due to failure of lightning arrestor.	
k) After maintenance Barapukuria #1 was synchronized at 06:25(1/1/11).	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle