

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 : 18-Jan-11 on 20-Aug-10	
The Summary of Yesterday's (17-Jan-11) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3509.0	MW	Hour :	10:00	Min Gen. at 4:00	2443 MW
Evening Peak Generation :	3855.0	MW	Hour :	20:00	Max Generation :	3841 MW
E.P. Demand (at gen end) :	4050.0	MW	Hour :	20:00	Max Demand :	4050 MW
Maximum Generation :	3855.0	MW	Hour :	20:00	Shortage :	209 MW
Total Gen. (MKWH) :	77.26	System L/ Factor :		85.41%	Load Shed :	188 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :-		Maximum	580	MW	at 8:00	Energy 8902000 KWHR.
Import from West grid to East grid :-		Maximum	-	MW	at -	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A M of				18-Jan-11		
Actual :	93.63	Ft.(MSL) ,	Rule curve :		99.77	Ft.(MSL)
Gas Consumed : Total		612.64	MMCFt.	Oil Consumed (PDB) :		
				HSD :	744958	Liter
				FO :	1366607	Liter
Cost of the Consumed Fuel : Gas : Tk45,280,222 Oil : Tk57,130,445 Total : Tk102,410,668						

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	-	0	1572	41	3%
Chittagong Area	58	(17:10-22:10 gen. shortage)	444	34	8%
Khulna Area	20	(17:10-21:45 gen. shortage)	406	32	8%
Rajshahi Area	26	(17:10-22:09 gen. shortage)	333	26	8%
Comilla Area	28	(17:10-22:14 gen. shortage)	263	21	8%
Mymensing Area	-	0	171	13	8%
Sylhet Area	17	(17:10-21:43 gen. shortage)	197	-	-
Barisal Area	10	(17:10-21:45 gen. shortage)	79	6	8%
Rangpur Area	17	(17:10-22:09 gen. shortage)	187	15	8%
Total	176	20:00	3652	188	

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)	2) Ashuganj-1(09/11/10)
4) Ashuganj-4(12/09/10)	3) Sikalbaha 60MW(19/11/10)
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 176 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) was limited to 107MW	
c) Baghabari-100 MW tripped at 09:02 due to exhaust temp. stred trip and was synchronized at 09:51.	
d) Tongi-Aminbazar 230 kV line-1 was under shut down from 10:20 to 15:46 due to annual maint.	
e) Aminbazar-Hasnabad 230 kV line-1 was under shut down from 14:21 to 15:39 due to maint work.	
f) Hasnabad 230 kV bus-2 was under shut down from 11:15 to 14:30 due to annual maint.	
g) Bheramara-G.K project 132 kV line was under shut down from 09:08 to 16:37 due to annual maint.	
h) Sylhet-Chatak 132 kV line-1 was under shut down from 13:15 to 14:05 due to maint work of 20 MW.	
i) Rampura-Gulshan 132 kV U/G cable-2 tripped at 13:05 due to L/A fault at R-phase tripping at Rampura S/S and was switched on at 16:19.	
j) Hasnabad 230/132 kV T1 and 132/33kV T2 transformers tripped at 00:30 & 06:46(18/01/11) showing dist. relays & buchholz relays respectively.	
k) Barishal-Madaripur 132kV line-1 was shut down at 07:04(18/01/2011) due to annual maint.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle