

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 : 13-Jan-11 on 20-Aug-10	
The Summary of Yesterday's (12-Jan-11) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3457.0	MW	Hour :	10:00	Min Gen. at 5:00	2440 MW
Evening Peak Generation :	3529.8	MW	Hour :	19:30	Max Generation :	3489 MW
E.P. Demand (at gen end) :	4000.0	MW	Hour :	19:30	Max Demand :	3950 MW
Maximum Generation :	3529.8	MW	Hour :	19:30	Shortage :	461 MW
Total Gen. (MKWH) :	73.99	System L/ Factor :		85.41%	Load Shed :	416 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	510	MW	at 18:30	Energy	8879000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 13-Jan-11						
Actual :	94.46	Ft.(MSL) ,	Rule curve :	100.72	Ft.(MSL)	

Gas Consumed : Total	570.85	MMCFt.	Oil Consumed (PDB) :			
				HSD :	1264385	Liter
				FO :	1498316	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk42,191,524 Oil : Tk80,541,727 Total : Tk122,733,251

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	235	(17:10-22:40 gen. shortage)	1588	191	12%
Chittagong Area	62	(17:10-22:33 gen. shortage)	436	65	15%
Khulna Area	54	(17:10-21:51 gen. shortage)	367	-	-
Rajshahi Area	-	0	328	49	15%
Comilla Area	35	(17:10-21:59 gen. shortage)	258	38	15%
Mymensing Area	25	(17:10-21:54 gen. shortage)	167	25	15%
Sylhet Area	9	(17:10-21:47 gen. shortage)	201	20	10%
Barisal Area	5	(17:10-21:51 gen. shortage)	73	-	-
Rangpur Area	-	0	184	28	15%
Total	425	19:30	3602	416	

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)	11) Bheramara GT-1(3/01/11)
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) Haripur SBU GT-1(26/12/10)
	5) Ghorasal-4(07/01/11)
	6) Ashuganj-3(9/1/11)
	7) Siddirganj GT-2(13/1/11)
	8) Ashuganj CCPP GT-1 & ST (13/1/11)

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 425 MW (19:30) of load shed was imposed over the whole(except Rajshahi & Rangpur) areas of the national grid .
b) Due to low gas pressure RPCL (210 MW) was limited to 78 MW	
c) Barapukuria unit-1 tripped at 10:55 due to boiler drum level high and was synchronized at 19:04. It was forced shut down at 22:26 due to coal mill problem.	Power interruption occurred (about 40 MW) under Hasnabad S/S areas from 09:10 to 12:50.
d) Baghabari 71MW was forced shut down at 10:59 due to gas booster problem.	
e) Baghabari 100MW was shut down at 11:32 due to bypassing gas booster and was synchronized at 12:25.	Power interruption occurred (about 84 MW) under Kalyanpur S/S areas from 13:57 to 14:57.
f) Haripur NEPC tripped at 20:23 showing E/F and was synchronized at 20:59.	
g) Ashuganj-Seraiganj 320kV line-2 was under shut down from 08:15 to 17:29 due to annual maint.	
h) Hathazari-Feni 132kV line-2 was under shut down from 08:45 to 16:06 due to annual maint.	
i) Hasnabad 33kV bus was under shut down from 09:10 to 12:50 due to annual maint.	
j) Hasnabad 132/33 kV T2 & T6 X-former tripped at 14:26 showing OC relay and was switched on at 14:40 respectively.	
k) Kalyanpur 132/33 kV T1, T2 & T3 tripped at 13:57 showing OC inst, relay and were switched on at 14:51, 14:13 & 14:57 respectively.	
l) Hasnabad-Kalyanpur 132kV line tripped at 20:17 showing E/F and back-up protection relay and was switched on at 20:50.	
j) Hasnabad-Kamrangirchar 132kV line tripped at 20:20 showing distance Z2(Hasnsbad) & Z1(Kamrangirchar) relays and was switched on at 22:12.	
k) Maniknagar-Narinda 132kV oil filled cable line-2 was under shut down from 00:40(13/1/11) to 04:26(13/1/11) due to oil leakage maintenance.	
l) Fenchuganj GT-2 was shut down at 00:05(13/1/11) for combined operation.	
m) Ashuganj CCPP GT-1 & ST tripped at 02:55(13/1/11) due to turbine cooling air cooler motor burnt.	
n) Siddirganj peaking plant GT-2 was forced shut down at 07:34(13/1/11) due to air filter differential pressure high.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle



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about

502
161
144
121
93
69
0
27
65

144
121

Hr
20:00
21:00
22:00

