

POWER GRID COMPANY OF BANGLADESH LTD.
NATIONAL LOAD DESPATCH CENTER
DAILY REPORT

QF-LDC-08
Page -1

Till now the maximum generation is :-				4698.5 MW at		21:00		Hrs		Reporting Date : 7-Jan-11 on 20-Aug-10	
The Summary of Yesterday's (6-Jan-11) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	3243.0	MW	Hour :	10:00	Min Gen. at 5:00	2318	MW				
Evening Peak Generation :	3486.5	MW	Hour :	20:00	Max Generation :	3463	MW				
E.P. Demand (at gen end) :	3950.0	MW	Hour :	20:00	Max Demand :	3850	MW				
Maximum Generation :	3495.5	MW	Hour :	22:00	Shortage :	388	MW				
Total Gen. (MKWH) :	72.79	System L/ Factor :		85.41%	Load Shed :	349	MW				

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	450	MW	at 7:00	Energy	8536000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.

		Water Level of Kaptai Lake at 6:00 A M of		7-Jan-11		
Actual :	95.70	Ft.(MSL) ,	Rule curve :	101.86	Ft.(MSL)	

Gas Consumed : Total	580.78	MMCFt.	Oil Consumed (PDB) :			
			HSD :	1579222	Liter	
			FO :	1017967	Liter	

Cost of the Consumed Fuel (PDB) : Gas : Tk42,925,450 Oil : Tk83,528,213 Total : Tk126,453,663

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	118	(17:10-22:35 gen. shortage)	1502	121	8%
Chittagong Area	72	(17:10-22:35 gen. shortage)	419	52	12%
Khulna Area	60	(17:10-21:55 gen. shortage)	383	47	12%
Rajshahi Area	52	(17:10-22:29 gen. shortage)	315	39	12%
Comilla Area	41	(17:10-22:29 gen. shortage)	248	30	12%
Mymensing Area	28	(17:10-22:24 gen. shortage)	159	19	12%
Sylhet Area	7	(17:10-21:30 gen. shortage)	190	10	5%
Barisal Area	11	(17:10-21:55 gen. shortage)	74	9	12%
Rangpur Area	28	(17:10-22:29 gen. shortage)	177	22	12%
Total	417	20:00	3467	349	

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)	
	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) Ashuganj-2(31/12/10)
	6) Ashuganj GT-1 & ST(06/01/11)
	7) Ghorasal-4(06/01/11)

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 417 MW (20:00) load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure RPCL (210 MW) was limited to 88 MW.	
c) After maintenance Ashuganj #5 was synchronized at 21:37 and again tripped at 05:04(07/01/11). due to turbine gen.event interface recorder high speed.	
d) Ghorasal #4 tripped at 04:35(07/01/11) due to tripping of feed pump.	
e) Sylhet -20 MW tripped at 04:40(07/01/11) showing O/C relays and was synchronized at 08:00.	
f) Ashuganj CCPP GT-1 & ST was forced shut down at 13:46 & 13:40 due to burn of air cooler motor.	
g) Saidpur-Purbasadipur 132kV line-1 was under shut down from 09:20 to 16:43 due to annual maint.	
h) Comilla(N)-Comilla(S) 132kV line-3 was under shut down from 08:50 to 13:36 due to annual maint.	
i) Tongi 132kV bus was under shut down from 09:58 to 16:28 due to annual maint.	
j) Hasnabad 230/132 kV T1 transformer tripped at 09:33 showing E/F relays and was switched on at 16:57.	
k) Shahjibazar 132/11 kV T2 transformer was under shut down from 11:05 to 11:22 due to tap changing.	
l) Hathazari-Raozan 230kV line- 2 was under shut down from 10:35 to 11:06 due to annual maint.	
m) Serajganj 230kV bus was under shut down from 10:36 to 16:44 due to annual maint.	
Due to this shut down the lines Serajganj-Bogra 230kV 1 & 2 were under shut down from 10:30 to 16:46 and 10:32 to 16:48 respectively, Serajganj-Baghabari 230kV 1 & 2 were under shut down from 10:33 to 16:44 and 10:34 to 16:45 respectively and Ashuganj-Serajganj 230kV 1 & 2 were under shut down from 10:10 to 18:36 and 10:24 to 16:47 respectively.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle