

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 : 17-Dec-10 on 20-Aug-10	
The Summary of Yesterday's (16-Dec-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	2736.0	MW	Hour :	12:00	Min Gen. at 3:00	2130 MW
Evening Peak Generation :	3625.7	MW	Hour :	19:30	Max Generation :	3888 MW
E.P. Demand (at gen end) :	3850.0	MW	Hour :	19:30	Max Demand :	4025 MW
Maximum Generation :	3625.7	MW	Hour :	19:30	Shortage :	137 MW
Total Gen. (MKWH) :	67.02	System L/ Factor :		85.41%	Load Shed :	122 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :-		Maximum	436	MW	at 8:00	Energy 8486000 KWHR.
Import from West grid to East grid :-		Maximum	-	MW	at -	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A M of				17-Dec-10		
Actual :	99.28	Ft.(MSL) ,	Rule curve :	104.50	Ft.(MSL)	
Gas Consumed :	Total	541.02	MMCFt.	Oil Consumed (PDB) :		
				HSD :	1289985	Liter
				FO :	712928	Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk39,986,788		Oil :	Tk65,857,961	Total : Tk105,844,749

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	86	(16:50-21:19 gen. shortage)	1553	27	2%
Chittagong Area	27	(16:45-21:18 gen. shortage)	431	23	5%
Khulna Area	28	(16:45-21:05 gen. shortage)	394	21	5%
Rajshahi Area	21	(16:45-21:17 gen. shortage)	322	16	5%
Comilla Area	18	(16:45-21:15 gen. shortage)	254	13	5%
Mymensing Area	8	(16:45-21:02 gen. shortage)	167	9	5%
Sylhet Area	-	0	196	-	-
Barisal Area	3	(16:45-21:05 gen. shortage)	76	4	5%
Rangpur Area	8	(16:45-21:17 gen. shortage)	180	9	5%
Total	199	19:30	3573	122	

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)	
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 199 MW (19:30) 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 107 MW and 75 MW respectively.	
c) Megnaghat GT-1,2 & ST tripped at 11:14 as lightning arrester at 230 KV side(R-phase) of unit transformer(GT-1) burst and was synchronized at 01:23(17/12/10),14:30 & 16:10 respectively.	
d) Bheramara GT-1 was forced shut down at 19:47 due to oil line leakage.	
e) Bheramara RPP was shut down at 20:10 due to commission of new machine.	
f) After maintenance Khulna-110 MW was synchronized at 21:10.	
g) Megnaghat - Comilla(N) 230 KV line-1 & 2 tripped at 11:18 showing distance relays and was switched on at 11:55.	
h) Khulshi 132/33 KV T3 transformer was shut down at 08:32 due to maintenance and was switched on at 09:55(17/12/2010).	
i) Gulshan 132/33 KV T2 transformer was shut down at 08:08(17/12/10) due to annual maint.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle