

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 : 26-Dec-10 on 20-Aug-10	
The Summary of Yesterday's (25-Dec-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3023.0	MW	Hour :	10:00	Min Gen. at 4:00	2248 MW
Evening Peak Generation :	3633.8	MW	Hour :	21:00	Max Generation :	3714 MW
E.P. Demand (at gen end) :	3850.0	MW	Hour :	21:00	Max Demand :	3950 MW
Maximum Generation :	3633.8	MW	Hour :	21:00	Shortage :	236 MW
Total Gen. (MKWH) :	69.46	System L/ Factor :		85.41%	Load Shed :	213 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :-		Maximum	520	MW	at 23:00	Energy 10677000 KWHR.
Import from West grid to East grid :-		Maximum	-	MW	at -	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A M of				26-Dec-10		
Actual :	97.88	Ft.(MSL) ,	Rule curve :	103.60	Ft.(MSL)	
Gas Consumed : Total		584.90	MMCFt.	Oil Consumed (PDB) :		
				HSD :	809579	Liter
				FO :	1091917	Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk43,229,959		Oil :	Tk54,221,484	Total : Tk97,451,443

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from to MW	Estimated Shedding (s/s e) MW	Rates of Shedding (On Estimated Demand)
Dhaka	-	(16:50-20:55 gen. shortage)	1548	64	4%
Chittagong Area	-	(16:50-20:55 gen. shortage)	431	35	8%
Khulna Area	55	(16:50-21:50 gen. shortage)	395	33	8%
Rajshahi Area	45	(16:50-21:38 gen. shortage)	324	27	8%
Comilla Area	33	(16:50-21:30 gen. shortage)	256	21	8%
Mymensing Area	27	(16:50-21:10 gen. shortage)	165	13	8%
Sylhet Area	-	(16:50-20:57 gen. shortage)	191	-	-
Barisal Area	11	(16:50-21:50 gen. shortage)	76	6	8%
Rangpur Area	24	(16:50-21:38 gen. shortage)	180	14	8%
Total	195	21:00	3566	213	

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)	11) Barapukuria-2(20/12/10)
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 195 MW (21:00) 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 45 MW respectively.	
c) Khulna 110MW tripped at 10:28 due to feed pump problem and was synchronized at 11:39. It again tripped at 11:58 due to same reason and was synchronized at 13:38.	
d) Meghnaghat GT-1 tripped at 11:06 due to generator stator E/F and was synchronized at 18:20.	
e) Sylhet RPP tripped at 11:20 showing busbar alarm and was synchronized at 11:30.	
f) Barakatullah (Fenchuganj 50MW) tripped at 11:22 due to diff, pressure high and was synchronized at 12:05.	
g) After maintenance Fenchuganj GT-1 was synchronized at 14:14.	
h) After maintenance Sylhet 20 MW was synchronized at 16:38 and was shut down at 18:12 due to fuel problem.	
i) Shahjibazar GT-8 was forced shut down at 22:21 due to air filter cleaning.	
j) Srimangal-Fenchuganj 132kV line-1 was under shut down from 08:20 to 15:54 due to annual maint.	
k) Aminbazar 230kV bus-1 was under shut down from 08:52 to 16:11 due to annual maintenance.	
l) Newly constructed Thakurgoan-Panchagar 132kV line was energized for the the first time at 13:24.	
Deputy / Asstt. Manager Network Operation Division	Deputy General Manager Load Despatch Circle

Manager
Network Operation Division