

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 : 6-Jan-11 on 20-Aug-10	
The Summary of Yesterday's (5-Jan-11) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3356.0	MW	Hour :	12:00	Min Gen. at	5:00	2402	MW
Evening Peak Generation :	3681.5	MW	Hour :	19:30	Max Generation :		3639	MW
E.P. Demand (at gen end) :	3950.0	MW	Hour :	19:30	Max Demand :		3950	MW
Maximum Generation :	3681.5	MW	Hour :	19:30	Shortage :		312	MW
Total Gen. (MKWH) :	74.15	System L/ Factor :			85.41%	Load Shed :	282	MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR								
Export from East grid to West grid :- Maximum				460	MW	at 8:00	Energy	8689000 KWHR.
Import from West grid to East grid :- Maximum				-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of					6-Jan-11			
Actual :	95.95	Ft.(MSL) ,			Rule curve :	102.05	Ft.(MSL)	
Gas Consumed :	Total	602.01	MMCFt.		Oil Consumed (PDB) :			
							HSD :	1545826 Liter
							FO :	1474730 Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk44,494,559			Oil :	Tk91,327,620	Total : Tk135,822,179	

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	76	(17:10-22:00 gen. shortage)	1545	88	6%
Chittagong Area	48	(17:10-22:00 gen. shortage)	431	43	10%
Khulna Area	43	(17:10-21:50 gen. shortage)	395	40	10%
Rajshahi Area	23	(17:10-21:56 gen. shortage)	324	33	10%
Comilla Area	16	(17:10-22:00 gen. shortage)	256	26	10%
Mymensing Area	14	(17:10-21:44 gen. shortage)	166	17	10%
Sylhet Area	10	(17:10-21:53 gen. shortage)	196	8	4%
Barisal Area	4	(17:10-21:50 gen. shortage)	77	8	10%
Rangpur Area	9	(17:10-21:56 gen. shortage)	182	19	10%
Total	243	19:30	3572	282	

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) Barapukuria-1(05/1/11)
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)	

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 243 MW (19:30) load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure RPCL (210 MW) was limited to 74 MW.	
c) After maintenance Barapukuria #1 was synchronized at 16:01.	
d) After maintenance Siddirganj-210 MW was synchronized at 19:39.	
e) Ashuganj #5 tripped at 07:04(06/01/11) due to LP & HP open.	
f) Khulna-110 MW was forced shut down at 00:11 due to super heater & economizer leakage.	
g) Ashuganj-Seraiganj 230kV line-1 was under shut down from 08:32 to 17:34 due to annual maint.	
h) Hasnabad-Megnaghat 230kV line-1 was under shut down from 08:38 to 15:11 due to annual maint.	
i) Bheramara-Faridpur 132kV line was-1 under shut down from 08:42 to 14:56 due to annual maint.	
j) Comilla(N)-Comilla(S) 132kV line was under shut down from 08:50 to 15:49 due to annual maint.	
k) Madunaghat-TK Chemical 132kV line was under shut down from 08:52 to 16:15 due to annual maint.	
l) Saidpur-Purbasadipur 132kV line-1 was under shut down from 09:10 to 16:45 due to annual maint.	
m) Hathazari-Kaptai 132kV line-1 & 2 was under shut down from 09:40 to 17:10 due to annual maint.	
n) Tongi 132kV bus bar-1 was under shut down from 11:55 to 15:12 due to annual maint.	
o) Bheramara-Faridpur 132kV line-2 was tripped at 11:10 showing dist.relays and was switched on at 11:25.	
p) Bhandaria-Barishal 132kV line was tripped at 11:10 showing dist. relays and was switched on at 11:16.	
q) Barishal-Madaripur 132kV line-1 & 2 was tripped at 11:10 showing dist.relays and was switched on at 11:20 & 11:17 respectively.	
r)Madaripur-Gopalganj 132kV line was tripped at 11:10 showing E/F relays and was switched on at 11:18.	
Deputy / Asstt. Manager Network Operation Division	Deputy General Manager Load Despatch Circle

Manager
Network Operation Division