

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 : 21-Dec-10 on 20-Aug-10
The Summary of Yesterday's (20-Dec-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation :	3157.0	MW	Hour :	10:00	Min Gen. at 4:00 2185 MW
Evening Peak Generation :	3629.5	MW	Hour :	21:00	Max Generation : 3612 MW
E.P. Demand (at gen end) :	4150.0	MW	Hour :	21:00	Max Demand : 4150 MW
Maximum Generation :	3629.5	MW	Hour :	21:00	Shortage : 539 MW
Total Gen. (MKWH) :	71.84	System L/ Factor :		85.41%	Load Shed : 489 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	420	MW	at 23:00	Energy	7864000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of						
21-Dec-10						
Actual :	98.70	Ft.(MSL) ,	Rule curve :	104.20	Ft.(MSL)	

Gas Consumed : Total	573.65	MMCFt.	Oil Consumed (PDB) :		
			HSD :	1530859	Liter
			FO :	1354902	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk42,398,472 Oil : Tk88,332,418 Total : Tk130,730,890

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)		Rates of Shedding (On Estimated Demand)
	MW		from	to MW	
Dhaka	166	(17:00-22:15 gen. shortage)		1623	172 11%
Chittagong Area	79	(17:00-22:10 gen. shortage)		460	73 16%
Khulna Area	75	(17:01-21:54 gen. shortage)		421	67 16%
Rajshahi Area	43	(17:01-21:55 gen. shortage)		345	54 16%
Comilla Area	37	(17:01-21:55 gen. shortage)		273	43 16%
Mymensing Area	30	(17:01-21:55 gen. shortage)		177	28 16%
Sylhet Area	20	(17:01-21:55 gen. shortage)		197	9 5%
Barisal Area	7	(17:01-21:54 gen. shortage)		82	13 16%
Rangpur Area	16	(17:01-21:54 gen. shortage)		193	30 16%
Total	473	21:00		3771	489

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)	4) Siddirganj-210MW(23/11/10)
6) Sikalbaha GT (24/10/10)	5) Ghorasal 1(19/12/10)
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 473 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 91 MW and 30 MW respectively.	
c) Hasnabad-Aminbazar 230kV line-2 was under shut down from 08:26 to 17:04 due to annual maint.	
d) Ashuganj-Kishoreganj 132kV line-2 was under shut down from 08:15 to 15:25 due to annual maint.	
e) Comilla(N)-Feni 132kV line-2 was under shut down from 08:24 to 15:40 due to annual maintenance.	
f) Sreemongal-Fenchuganj 132kV line-2 was under shut down from 08:29 to 15:13 due to annual maint.	
g) Kabirpur-Tangail 132kV line-2 was under shut down from 08:33 to 16:58 due to annual maint.	
h) Haripur-Comilla(N) 230kV line-2 was under shut down from 08:35 to 16:36 due to annual maint.	
i) Bogra-Seraiganj 230kV line was under shut down from 09:01 to 15:24 due to annual maintenance.	
j) Saidpur-Barapukuria 132kV line-1 was under shut down from 09:20 to 15:55 due to annual maint.	
k) Jhenidah-Jessore 132kV line-1 was under shut down from 08:19 to 17:14 due to annual maintenance.	
l) Ishurdi 132/33 kV T1 X-former was under shut down from 09:16 to 17:27 due to annual maint.	
m) Shahjadpur 132/33 kV T3 X-former was under shut down from 09:20 to 15:50 due to annual maint.	
n) Barapukuria #2 was shut down at 10:14 due to overhauling.	
o) Baghabari WMPL #1 & #2 was under shut down from 10:06 to 16:00 & 10:10 to 16:19 due to NLDC project work.	
p) Khulna QRPP was shut down at 15:40 due to red hot maintenance at 33kV bus.	
q) Goalpara 33kV bus was under shut down from 16:45 to 16:04 due to red hot maintenance.	
r) Ashuganj-Ghorasal 132kV line-1 tripped at 17:56 from both end showing relays dist, B & C,Z-1 and was switched on at 18:50. It again tripped at 18:50 showing same relay.	
s) After maintenance Siddirganj GT-2 was synchronized at 20:14.	
t) Hasnabad 230/132 kV TR-1 tripped at 22:44 showing inst, E/F relays.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle