

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

QF-LDC-08 QF-LDC-12
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Till now the maximum generation is :-		6350 MW at		21:00	Hrs	on 4-Aug-12	
The Summary of Yesterday's (8-Dec-12) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	3579.0	MW	Hour :	9:00	Min. Gen. at	4:00	2628 MW
Evening Peak Generation :	4782.0	MW	Hour :	19:30	Max Generation :		4750 MW
E.P. Demand (at gen end) :	5150.0	MW	Hour :	19:30	Max Demand :		5200 MW
Maximum Generation :	4782.0	MW	Hour :	19:30	Shortage :		450 MW
Total Gen. (MKWH) :	84.15	System L/ Factor :		81.85%	Load Shed :		403 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid :- Maximum		480		MW	at	19:30	Energy 6.978 MKWHR
Import from West grid to East grid :- Maximum		-		MW	at	-	Energy - MKWHR
Water Level of Kaptai Lake at 6:00 A M on				9-Dec-12			
Actual :	104.25	Ft.(MSL) ,	Rule curve :	105.28	Ft.(MSL)		
Gas Consumed : Total		694.69	MMCFD.	Oil Consumed (PDB) :		HSD :	Liter
						FO :	Liter
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :	Tk55,473,768				
		Coal :	Tk21,406,479		Oil :	Tk102,557,401	Total : Tk179,437,648

Load Shedding & Other Information

Area	Yesterday		Today	
	MW	Estimated Demand(s/s end) from 10:00	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	63 (09:00-22:00)	1858	122	7%
Chittagong Area	47 (09:00-22:00)	517	57	11%
Khulna Area	54 (09:00-22:00)	547	60	11%
Rajshahi Area	51 (09:00-22:00)	467	52	11%
Cornilla Area	36 (09:00-22:00)	341	38	11%
Mymensing Area	26 (09:00-22:00)	280	31	11%
Sylhet Area	16 (09:00-22:00)	253	-	-
Barisal Area	9 (09:00-22:00)	112	12	11%
Rangpur Area	28 (09:00-22:00)	281	31	11%
Total	330 19:30	4656	403	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	9) Raozan #1(8/9/12)
3) Kaptai #3 (1/12/10)	2) Ashuganj-1(09/11/10)
4) Sikaibaha-60 MW(2/7/12)	10) Ghorasal-5(29/11/12).
	3) Khulna-60 MW(24/1/12)
	11) Ghorasal #4(21/11/12)
	4) Shahjibazar #5 & 6(21/7/11)
	12) Ghorasal #3(9/12/12)
	5) Sikaibaha GT(16/9/12)
	6) Khulna-110 MW(21/6/12)
	7) WMPL #1(1/5/12)
	8) Raozan #2 (8/8/12)

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 330 MW (19:30) load shed was imposed over the whole areas of the national grid .
b) Bogra-Natore 132 kV Ckt-2 was under shut down from 08:53 to 14:15 due to A/M.	
c) Man-Madanhat-Chandraghona 132 kV Ckt-2 was under shut down from 08:21 to 15:58 due to A/M.	
d) Siddirganj-Ullon 132 kV Ckt-2 was under shut down from 08:31 to 12:27 due to A/M.	
e) Halishahar-Khulsi 132 kV Ckt-1 was under shut down from 08:55 to 14:04 due to A/M.	
f) Tongi-Ghorasal 230 kV Ckt-1 was under shut down from 09:51 to 16:18 due to A/M.	
g) Rampura-Gulshan 132 kV Ckt-2 was under shut down from 09:31 to 14:13 due to A/M.	
h) Mymensing-Kishorganj 132 kV Ckt-2 was under shut down from 09:30 to 15:58 due to A/M.	
i) Ishurdi-Bheramara 132 kV Ckt-1 was under shut down from 09:55 to 13:27 due to A/M.	
j) Mymensing-Jamalpur 132 kV Ckt-2 was under shut down from 10:14 to 15:15 due to A/M.	
k) Palashbari-Bogra 132 kV Ckt-2 was under shut down from 10:30 to 11:45 due to A/M.	
l) Mymensing-Netrokona 132 kV Ckt-1 was under shut down from 10:57 to 17:15 due to A/M.	
m) Ishurdi-Bheramara 132 kV Ckt-2 was under shut down from 09:53 to 13:59 due to A/M.	
n) Shyampur 132/33 kV T1 transformer was under shut down from 10:03 to 17:10 due to A/M.	
o) Shyampur 132/33 kV T2 transformer was under shut down from 10:03 to 17:10 due to buchchiltz relay alarm.	
p) Chawmohani 132/33 kV T1 transformer was under shut down from 08:51 to 15:05 due to A/M.	
q) Ullon 132/33 kV T1 transformer was under shut down from 10:04 to 17:12 due to A/M.	
r) Hasnabad 230/132 kV T01 transformer was under shut down from 09:35 to 17:12 due to A/M.	
s) Kabirpur 132 kV reserve Bus was under shut down from 10:20 to 17:15 due to A/M.	
t) Gopalganj-109 MW tripped at 18:22 showing E/F relay and was synchronized at 18:56.	
u) Khulna KPCL-1, 2 & Noapara-105 MW tripped at 19:36 due to trip of Bhandaria-Bagerhat 132 kV Ckt and were synchronized at 19:39,20:01 & 19:57 respectively.	
v) Bhandaria-Bagerhat 132 kV Ckt tripped at 19:36 showing dist.Z1 and was switched on at 20:00.	
w) Goalpara-Bagerhat 132 kV Ckt tripped at 19:36 showing dist.Z2 and was switched on at 21:15.	
x) Shahjibazar #9 was forced shut down at 22:40 due to servo valve problem.	
y) Haripur SBU #1 & 2 tripped at 23:33 & 05:50(9/12/12) due to pressure high.	
Ghorasal #3 was forced shut down at 23:33 due to boiler leakage.	
z) Ghorasal -100 & 45 MW tripped at 07:25(9/12/12) due to low gas pressure and were synchronized at 07:32 & 07:50(9/12/12) respectively.	Power interruption occurred (about 34 MW) under Bagerhat & Mongla S/S areas from 19:36 to 21:15

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle