

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 :- **5243.5 MW** at **22:00** Hrs on **21-Feb-12** Reporting Date : 21-Feb-12
The Summary of Yesterday's (20-Feb-12 **) Generation & Demand**

The Summary of Yesterday's () Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3899.0	MW	Hour : 9:00	Min. Gen. at 4:00	3304 MW
Evening Peak Generation :	4952.0	MW	Hour : 20:00	Max Generation :	5088 MW
E.P. Demand (at gen end) :	5350.0	MW	Hour : 20:00	Max Demand :	5250 MW
Maximum Generation :	4952.0	MW	Hour : 20:00	Shortage :	162 MW
Total Gen. (MKWH) :	94.43	System L/ Factor :	85.41%	Load Shed :	148 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	770	MW	at 6:00	Energy	13.347	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.
21-Feb-12						
Actual :	86.29	Water Level of Kaptai Lake at 6:00 A M on Ft.(MSL) ,	Rule curve :	94.20	Ft.(MSL)	

Gas Consumed : Total 722.07 MMCFD. Oil Consumed (PDB) :
HSD : Liter
FO : Liter

Cost of the Consumed Fuel (PDB+Pvt) : Gas : Tk57,660,171
Coal : Tk10,180,987 Oil : Tk175,987,667 Total : Tk243,828,825

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from 10:00	Estimated Shedding (s/s er) MW	Rates of Shedding (On Estimated Demand)
Dhaka	138	18:10-23:10	1820	28	2%
Chittagong Area	-	0	532	-	-
Khulna Area	36	18:10-22:25	565	29	5%
Rajshahi Area	69	18:10-23:15	520	24	5%
Comilla Area	25	18:10-23:15	364	17	5%
Mymensing Area	22	18:10-22:30	300	15	5%
Sylhet Area	26	18:10-22:35	268	13	5%
Barisal Area	7	18:10-22:25	113	6	5%
Rangpur Area	39	18:10-23:15	300	16	5%
Total	362	20:00	4782	148	

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) 09) Ashuganj-3(10/11/11)
2) Ghorasal 2(26/04/10)	2) Ashuganj-1(09/11/10) 10) Khulna-110 MW(7/11/11)
3) Kaptai #3 (11/12/10)	3) Raozan-2 (26/03/11) 11) Sikalbaha 60 MW(16/11/11)
	4) WMPL #2(1/8/11) 12) Raozan-1 (24/11/11)
	5) Bhola RPP (18/7/11) 13) Khulna-60 MW(24/1/12)
	6) Siddhirganj ST 210 MW (1/8/11) 14) Baghabari-71 MW(26/1/12)
	7) Sikalbaha GT 150MW (14/11/11) 15) Ghorasal-4(17/2/12)
	8) Shahjibazar #5 & 6(21/7/11) 16) Haripur SBU GT-2 (17/02/12)

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 362 MW (20:00) of load shed was imposed over the whole areas(Except Chittagong) of the national grid .
b) Due to low gas pressure HPL 360 MW, Siddhirganj 210 MW , Meghnaghat 450 MW and Tongi 105 MW were limited to 235 MW, 40 MW, 390 MW and 50 MW respectively.	
c) Fenchuganj 132/33 kV T1 transformer tripped at 09:27 showing O/C relay and was switched on at 09:35.	Power interruption occurred (about 50 MW) under Madanganj S/S areas from 10:35 to 11:54.
d) Haripur 132kV bus section-1 was under shut down from 10:10 to 17:45 due to project work.	
e) Madanganj 132kV bus was under shut down from 10:35 to 11:54 due to red hot maintenance.	Power interruption occurred (about 7.5 MW) under Ishurdi S/S areas from 14:58 to 16:40.
f) Hathazari-Feni 132kV Ckt-1 tripped at 08:53 from both end showing dist BC, O/C relays at Hathazari end & dist. Z1 at Feni end and was switched on at 09:19.	
g) Chattak 132/33 kV T1 transformer was under shut down from 09:07 to 16:15 due to annual maint.	
h) Siddhirganj-Maniknagar 132kV Ckt-2 tripped at 15:50 from both end showing inst.E/F relay at Siddhirganj end & dist.C-phase at Maniknagar end and was switched on at 16:07. At the same time Siddhirganj-Ullon 132kV Ckt-1 also tripped from Siddhirganj end showing inst.E/F relay and was switched on at 16:04. At the same time Haripur NEPC, Siddhirganj QRPP, Meghnaghat IEL, Siddhirganj GT-2, Ashuganj United Power machines also tripped and were synchronized at 16:18, 16:03,15:59,17:25,16:20 respectively.	
i) Ishurdi 132/33 kV T2 transformer tripped at 14:58 showing inst.E/F relay and was switched on at 16:40.	
j) After maintenance Maniknagar-Narinda 132kV cable Ckt-2 was switched on at 21:21.	
k) Shahjibazar GT-9 was under shut down from 06:14 to 10:58(21/2/12) due to air filter change.	
l) Ashuganj CCPP GT-1 & ST tripped at 03:30(21/2/12) due to controller pressure failure and GT-1 was synchronized at 05:10(21/2/12).	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle