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

QF-LDC-08 Page -1

KWHR.

Reporting Date: 22-Mar-11 Till now the maximum generation is: 4698.5 MW at 21:00 on 20-Aug-10 Today's Actual Min Gen. & Pro The Summary of Yesterday's () Generation & Demand 11:00 Min Gen. at Max Generation Day Peak Generation 3352.0 MW Hour 9:00 3344 Evening Peak Generation 4005.0 MW Hour 21:00 4078 MW E.P. Demand (at gen end) 5250.0 MW Hour 21:00 Max Demand 5200 MW Maximum Generation 4005.0 21:00 Hour Shortage 1122 Total Gen. (MKWH) 85.09 85.41% Load Shed 980 MW EXPORT/IMPORT THROUGH EAST-WEST INTERCONNECTOR at 1:00 Export from East grid to West grid :- Maximum 560 MW Energy 10671000 KWHR

Import from West grid to East grid :- Maximum MW at Water Level of Kaptai Lake at 6:00 A M of 22-Mar-11 Ft.(MSL) Rule curve 89.64 Ft.(MSL)

Gas Consumed : Total 698.90 MMCFt. Oil Consumed (PDB) :

HSD 1037185 Liter FO 197285

Energy

Cost of the Consumed Fuel: Gas Tk51,655,699 Oil : Tk45,433,114 Total: Tk97,088,813

Load Shedding & Other Information

Actual :

81.55

Total	1087	21:00	4542	980	
Rangpur Area	63	(17:50-Till Now, Gen. shortage)	234	58	25%
Barisal Area	17	(17:50-Till Now, Gen. shortage)	100	25	25%
Sylhet Area	17	(17:50-22:00, Gen. shortage)	223	22	10%
Mymensing Area	74	(17:50-Till Now, Gen. shortage)	217	54	25%
Comilla Area	78	(17:50-Till Now, Gen. shortage)	331	82	25%
Rajshahi Area	122	(17:50-Till Now, Gen. shortage)	420	104	25%
Khulna Area	136	(17:50-Till Now, Gen. shortage)	512	127	25%
Chittagong Area	160	(17:50-Till Now, Gen. shortage)	560	138	25%
Dhaka	420	(17:50-Till Now, Gen. shortage)	1945	370	19%
	MW		from topyW	MW	(On Estimated Demand)
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
Area	Yesterday		Today		

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)	2) Ashuganj-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	3) Khulna-110 MW(17/03/11)
4) Ashuganj-4(12/09/10)	4) B.Pukuria #2 (17/03/11)
5) Raozan-1 (03/10/10)	
6) Kaptai #5 (02/11/10)	
7) Kaptal #3 (1/12/10)	

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 1087 MW (21:00) of load shed was imposed over the

- b) Due to low gas pressure Baghabari 100 MW and RPCL (210 MW) were limited to 70 MW and 106 MW respectively.
- c) Baghabari WMPL #1 tripped at 09:25 due to generator breaker open and was synchronized at 13:30.
- d) Ghorasal QRPP (100 MW) tripped at 11:09 due to tripping of Ghorasal S/S Ghorasal QRPP 132kV line
- e) After maintenance MPL (450 MW) GT-1, GT-2 & ST were synchronized at 11:29, 16:15 & 12:41 respectively.
- f) Comilla(N) Hathazari 230kV Line-2 was under shut down from 08:30 to 16:44 due to annual maint.
- g) Joydevpur 132/33 kV T2 X-former was under shut down from 09:05 to 18:20 due to oil leakage maintenance
- h) Baghabari 230/132 kV TR-1 is under shut down since 10:16 due to project work.
- i) Ghorasal 132 kV bus coupler tripped at 11:08 showing O/C relay and was switched on at 11:13.
 It again tripped at 12:05 showing same relay and was switched on at 12:25.
- j) Joydevpur-Ghorasal 132kV line-1 & 2 tripped at 11:08 from Joydevpur end operating SOTF, MVTR & MVGL MVTR & MVGL relays and was switched on at 11:20. It again tripped at 12:05 operating same
- relays and was switched on at 12:26 k) Ghorasal-Rampura 230kV line-1 was under shut down from 15:30 to 16:46 due to SCADA
- interfacing work
- I) Sikalbaha GT (150 MW) was synchronized at 18:55.
- I) After maintenance Fenchuganj GT-2 was synchronized at 19:57.
 m) Baghabari WMPL is under shut down since 00:16(22/03/11) due to Combustion inspection and water wash.
- n) Chatak 132/33 kV T2 X-former tripped at 23:36 due to tripping of 33 kV REB Shunamganj feeder and was switched on at 23:41. It again tripped at 07:16(22/03/11) due to same reason and was switched on at 07:21 (22/03/11).
 o) MPL (450 MW) GT-2 tripped at 03:23(22/03/11) due to turbine vibration high and was synchronized
- at 05:27 (22/03/11)
- p) MPL (450 MW) ST unit was forced shut down at 06:48 (22/03/11) due to turbine valve maint.

Due to generation shortage, about 680 MW (09:00) of load shed has been running since morning (22/03/11) over the whole area (Except Sylhet)of the national grid.

whole areas of the national grid

Manager

Network Operation Division

Deputy General Manager Load Despatch Circle

Deputy / Asstt. Manager Network Operation Division