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

QF-LDC-08

Reporting Date : 24-Jan-11 4698.5 MW at Till now the maximum generation is: 20-Aug-10 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand The Summary of Yesterday's ( 23-Jan-11 Day Peak Generation 3341.0 MW Hour Min Gen. at 3599.5 MW 21:00:00 PM Max Generation **Evening Peak Generation** 3497 MW Hour E.P. Demand (at gen end) : 4100.0 MW 21:00:00 PM Max Demand 4100 Hour : MW Maximum Generation 3599.5 MW 21:00 Shortage 603 MW Hour Total Gen. (MKWH) 74.86 System L/ Factor 85.41% Load Shed 537 MW

EXPORT/IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid: Maximum 530 MW at 8:00 Energy 7461000 KWHR.

Import from West grid to East grid: Maximum - MW at - Energy - KWHR.

Water Level of Kaptai Lake at 6:00 A M of 24-Jan-11

Actual: 92.21 Ft.(MSL), Rule curve: 98.60 Ft.(MSL)

Gas Consumed : Total 591.82 MMCFt. Oil Consumed (PDB) :

HSD : 1319518 Liter

FO : 1439571 Liter

Cost of the Consumed Fuel : Gas : Tk43,741,416 Oil : Tk81,572,124 Total : Tk125,313,540

## **Load Shedding & Other Information**

Area	Yesterday			Today	
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from to/MW	MW	(On Estimated Demand)
Dhaka	202	#REF!	1573	195	12%
Chittagong Area	62	(17:15-23:15 gen. shortage)	443	77	17%
Khulna Area	48	(17:15-22:45 gen. shortage)	406	70	17%
Rajshahi Area	42	(17:15-23:05 gen. shortage)	333	58	17%
Comilla Area	32	(17:15-23:30 gen. shortage)	263	45	17%
Mymensing Area	24	(17:15-23:10 gen. shortage)	169	29	17%
Sylhet Area	-	0	198	18	9%
Barisal Area	11	(17:15-22:45 gen. shortage)	78	13	17%
Rangpur Area	24	(17:15-23:05 gen. shortage)	187	32	17%
Total	445	21:00:00 PM	3650	537	

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)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	10) Barapukuria-2(20/12/10)	2) Ashuganj-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	11) Ghorasal #3(18/01/11)	3) Sikalbaha 60MW(19/11/10)
4) Ashuganj-4(12/09/10)	12) AES Haripur 360 MW (20/1/11)	
5) Raozan-1 (03/10/10)	13) Ashuganj CCPP GT-2(23/01/11)	
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
	0 1 145 104 (04 00) (1 1 1 1

- a) There was generation shortage in the evening peak hour yesterday.b) Due to low gas pressure RPCL (210 MW) was limited to 108 MW.
- c) Ashuganj #5 tripped at 12:07 due to interface turbine generator event recorder high speed and was synchronized at 16:41.
- d) Ashuganj #3 tripped at 14:17 due to boiler drum level low and was synchronized at 19:26.
- e) Khulna-110 MW & 60 MW was shut down at 22:20 & 22:50 due to water treatment plant problem.
- f) Hathazari-Kaptai 132kV line-1 & 2 was under shut down from 08:30 to 15:47 due to annual maint.
- g) Hathazari-Feni 132kV line-1 was under shut down from 08:36 to 17:03 due to annual maint. h) Madanhat-Khulsi 132kV line-1 was under shut down from 09:15 to 15:46 due to annual maint.
- i) Netrokona-Mymensing 132kV line-1 was under shut down from 08:35 to 13:53 due to annual maint.
- j) Chawmahoni 132/33 T3 transformer tripped at 22:39 showing E/F relays.
- k) Barishal-Bhandaria 132 kV line- was shut down at 07:30(24/01/11) due to annual maint.
- I) Barapukuria 230/132 kV T1 transformer was under shut down from 10:25 to18:00 due to annual maint.

So about 445 MW (21:00) of load shed was imposed over the whole areas of the national grid .

Power interruption occurred (about 10 MW) under Barapukuria S/S areas from 22:39 to 23:11.

Due to generation shortage, about 150 MW (09:00) of load shed has been running since morning (24/01/11) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager Network Operation Division Manager Network Operation Division Deputy General Manager Load Despatch Circle