## POWER GRID COMPANY OF BANGLADESH LTD. CENTRAL LOAD DESPATCH CENTER. LDC.DHAKA. DAILY REPORT

Reporting Date: 18-Aug-09 Till now the maximum generation is: - MW at 4200.5 The Summary of Yesterday's ( ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand Min Gen. at 3470 MW Day Peak Generation MW 9:00 3544.0 Hour 7:00 Evening Peak Generation MW 20:00 Max Generation 3820 MW Hour E.P. Demand (at gen end) 4700.0 MW Hour 20:00 Max Demand 4750 MW Maximum Generation 3812.5 MW Hour 20:00 Shortage 930 MW Total Gen. (MKWH) 92.35% Load Shed 788 MW 84.52

EXPORT/IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum 380 MW at 3:00 Energy 7904500 KWHR. Import from West grid to East grid :- Maximum - MW at - Energy - KWHR.

 Water Level of Kaptai Lake at 6:00 A M of
 18-Aug-09

 Ft.(MSL) ,
 Rule curve : 94.44
 Ft.(MSL)

Gas Consumed: Total 720.65 MMCFt. Oil Consumed (PDB):

HSD : 448050 Liter FO : 0 Liter

 Cost of the Consumed Fuel (PDB):
 Gas
 :
 Tk53,263,242
 Oil
 : Tk17,922,002
 Total
 : Tk71,185,244

## **Load Shedding & Other Information**

Actual:

91.76

Area	Yesterday			Today	
	Actual Shedding (s/s end)		Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding
	MW	fro to	MW	MW	(On Estimated Demand)
Dhaka	218	(19:15-02:00, gen. sho	age) 1720	348	20%
Chittagong Area	114	(19:15-02:45, gen. sho	age) 497	100	20%
Khulna Area	105	(19:15-02:50, gen. sho	age) 435	89	20%
Rajshahi Area	86	(19:15-02:45, gen. sho	age) 385	70	18%
Comilla Area	71	(19:15-02:40, gen. sho	age) 280	60	21%
Mymensing Area	64	(19:15-02:40, gen. sho	age) 250	49	20%
Sylhet Area	27	(19:15-02:50, gen. sho	age) 180	35	19%
Barisal Area	21	(19:15-02:50, gen. sho	age) 80	16	20%
Rangpur Area	46	(19:15-02:45, gen. sho	age) 197	21	11%
Total	752	20:00	4024	788	

Information of the Generating machines under maintenance

Planned Shut- Down		Forced Shut-Down
1) Khulna 60 MW (05/07/06)	1) Kaptai- 3 (19/04/08)	7) Baghabari GT-2(02/07/09)
	2) Shajibazar- 2 (13/07/08)	8) Ashuganj CCPP St (07/08/09)
	3) Shajibazar-4 (18/10/08)	9) Raozan -1 (08/08/09)
	4) Ghorasal-2 (13/08/09)	10) Ashuganj CCPP GT-1 (12/08/09)
	5) Khulna 110 (31/03/09)	11) Ghorasal -6(14/08/09)
	6) NEPC 1 unit is under S/D	12) Siddhirganj 210 MW (15/08/09)
		13) Kaptai 2(12/08/09)

## 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.
- b) Due to gas limitation, Raozan (180 MW), NEPC (95 MW), RPCL (175 MW) and HPL (360 MW) were limited to 170 MW, 54 MW,106 MW and 351 MW respectively.
- c) Due to gas limitation, Shahjibazar 4 & 5, Haripur SBU GT-2, 3 (64 MW) were under shut down.
- e) Ashuganj unit -1 tripped at 13:50 due to burner trip and was synchronized at 15:55
- f) After maintenance, Tongi GT was synchronized at 12:13.
- g) Matuail 132/33 KV T1 transformer, Bogra 132/33 KV T4 transformer and Rangpur Saidpur 132 KV line -2 were under NLDC project work from 08:55 to 14:30, 09:09 to 04:20 (18/08/09) and 13:53 to 16:30 respectively.
- h) Palashbari Rangpur 132 KV line -1 tripped at 09:36 from both side showing ' DIST C-phase' respectively and was switched on at 09:45.
- i) Bogra Barapukuria 230 KV line -1 was under shut down from 09:00 to 20:06 for project work.
- Sikalbaha 132/33 KV T1 transformer was shut down at 12:15 to due to maintenance
  of isolator loop.
- k) Bagerhat 132/33 KV T1 and T2 transformers tripped at 16:34 showing ' Lockout ' ,' E/F & O/C' respectively and were switched on at 16:39 and 16:40 respectively.

So about 752 MW (20:00) of load shed was imposed over the whole

area of the national grid

Power interruption occurred (15 MW) under Bagerhat S/S areas form 16:34 to 16:39.

Due to generation shortage and MVAR problem, about 180 MW (10:00) of load shed has been running since morning (18/08/09) over the whole area (except Sylhet) of the national grid.

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

