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

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Reporting Date : 19-Oct-10 4698.5 MW at Till now the maximum generation is: 20-Aug-10 18-Oct-10 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand The Summary of Yesterday's ( Day Peak Generation 3817.0 MW Hour 12:00 Min Gen. at 3762 MW 4210 MW Evening Peak Generation : 4207.0 20:00 Max Generation Hour E.P. Demand (at gen end) : 5150.0 MW 20:00 Max Demand 5150 MW Hour Maximum Generation 4207.0 MW Hour 20:00 Shortage 940 MW Total Gen. (MKWH) 93.41 System L/ Factor 85.41% Load Shed 832 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum MW 9234000 KWHR. at Energy MW KWHR. Import from West grid to East grid :- Maximum at Energy

Water Level of Kaptai Lake at 6:00 A M of 19-Oct-10

Actual 108.58 Ft.(MSL) Rule curve 107.70 Ft.( MSL )

Gas Consumed : MMCFt. Oil Consumed (PDB):

HSD 1784733 Liter

FO 0 Liter

Cost of the Consumed Fuel (PDB): Gas Tk55,255,116 : Tk71,389,336 Total: Tk126,644,452

## **Load Shedding & Other Information**

Area	Yesterday		Today			
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Estimated Shedding (s/s e Rates of Shedding	
	MW		from toMW	MW	(On Estimated Demand)	
Dhaka	329	(17:25-03:54 gen. shortage)	1954	308	16%	
Chittagong Area	116	(17:25-03:59 gen. shortage)	562	120	21%	
Khulna Area	100	(17:25-03:40 gen. shortage)	512	109	21%	
Rajshahi Area	86	(17:25-01:49 gen. shortage)	420	89	21%	
Comilla Area	66	(17:25-02:04 gen. shortage)	332	71	21%	
Mymensing Area	49	(17:25-23:48 gen. shortage)	215	43	20%	
Sylhet Area	23	(17:25-23:00 gen. shortage)	230	21	9%	
Barisal Area	20	(17:25-03:40 gen. shortage)	100	22	22%	
Rangpur Area	45	(17:25-01:49 gen. shortage)	233	49	21%	
Total	834	20:00	4558	832		

Information of the Generating machines under shut down.

Planned Shut- Down Forced Shut- Down 1) Khulna 110MW (31/03/09) 6) Ashuganj-4(12/09/10) 2) Haripur SBU GT-3 (18/06/09) 7) Raozan-1 (03/10/10) 3) Ghorasal 2(26/04/10) 8) Shahjibazar GT-9(13/10/10) 4) Siddirganj GT-1 (18/06/10) 5 ) Ghorasal 6(18/07/10)

## 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.

b) Due to low gas pressure Raozan (210 MW), RPCL (210 MW) and Baghabari (100 MW) were limited to 80 MW, 106 MW and 90 MW respectively.

c) After maintenance Raozan #2 was synchronized at 14:01.

d) Sikalbaha GT was shut down at 16:23 due to gas shortage .

e) Ashuganj - Kishoreganj 132 KV line-1 tripped at 11:26 showing dist-C . At the same time Mymenshing RPCL GT-3 & St also tripped due to low voltage . Line was switched on at 21:35 from Kishoreganj end and machines were synchronized at 11:39, 18:12 respectively.

f) Ashuganj - Comilla (N) 230 KV line-1 was switched on at 19:23 & taken in to service.

g) Satkhira 132/33 KV T1 X-former was shut down at 07:30(19/10/10) due to annual maintenance.

So about 834 MW (20:00) of load shed was imposed over the whole areas of the national grid.

Due to generation shortage, about 150 MW (09:00) of load shed has been running since morning (19/10/10) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager Network Operation Division

Network Operation Division

Deputy General Manager Load Despatch Circle