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

QF-LDC-08 Page -1

KWHR.

Reporting Date : 16-Aug-10 Till now the maximum generation is:-4606.0 MW at The Summary of Yesterday's ( 15-Aug-10 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand Day Peak Generation 4143.0 Hour 11:00 Min Gen. at 3967 Evening Peak Generation : 4534.0 MW 19:30 Max Generation 4530 MW Hour : E.P. Demand (at gen end) : 5200.0 MW 5500 MW Hour : 19:30 Max Demand 4547.0 MW 970 MW Maximum Generation Hour : 3:00 Shortage Total Gen. (MKWH) 85.41% 102.68 System L/ Factor Load Shed 835 MW EXPORT/IMPORT THROUGH EAST-WEST INTERCONNECTOR Export from East grid to West grid :- Maximum MW Energy 12325000 KWHR. at

Import from West grid to East grid :- Maximum - MW at

Water Level of Kaptai Lake at 6:00 A M of 16-Aug-10

Actual: 102.70 Ft.(MSL), Rule curve: 93.80 Ft.(MSL)

Gas Consumed: Total 852.53 MMCFt. Oil Consumed (PDB):

HSD : 2481504 Liter

Energy

FO : 0 Liter

Cost of the Consumed Fuel (PDB): Gas : Tk63,010,492 Oil : Tk99,260,152 Total : Tk162,270,644

## **Load Shedding & Other Information**

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from toMW	MW	(On Estimated Demand)
Dhaka	214	(18:30-05:30 gen. shortage)	2058	338	16%
Chittagong Area	91	(18:30-05:15 gen. shortage)	582	119	20%
Khulna Area	74	(18:30-05:30 gen. shortage)	528	106	20%
Rajshahi Area	64	(18:30-05:10 gen. shortage)	435	88	20%
Comilla Area	49	(18:30-04:50 gen. shortage)	342	69	20%
Mymensing Area	36	(18:30-04:10 gen. shortage)	227	46	20%
Sylhet Area	-	0	218	-	-
Barisal Area	13	(18:30-05:30 gen. shortage)	103	21	20%
Rangpur Area	32	(18:30-04:00 gen. shortage)	241	48	20%
Total	573	19:30	4734	835	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut-Down
	1) Kaptai- 3 (19/04/08)
	2) Khulna 110MW (31/03/09)
	3) Haripur SBU GT-3 (18/06/09)
	4) Ghorasal 2(26/04/10)
	5) Siddirganj GT-1 (18/06/10)
	6 ) Ghorasal 6(18/07/10)

## Additional Information of Machines, lines, Interruption / Forced Load shed etc.

b) Due to gas limitation,RPCL (210 MW) ,Tongi(105 MW) ,HPL (360 MW) and Baghabari(100MW) were limited to 106 MW,70 MW,350 MW and 80 MW respectively.	whole (except Sylhet ) areas of the national grid .
<ul> <li>c) Ashuganj GT-1 tripped at 11:53 due to turbine over speed and was synchronized at 16:16. It again tripped at 16:24 and was synchronized at 20:24. It again tripped at 20:42.</li> <li>d) Tongi GT was shut down at 05:16 due to maintenance work.</li> <li>e) After maintenance Hasnabad - Sitalakhya 132 KV line was switched on at 13:50.</li> <li>f) Siddirganj 132/33 KV T1 X-former was shut down at 05:23 (16/8/10) due to red hot maintenance and was switched on at 07:34(16/8/10).</li> </ul>	Power interruption (20 MW) occurred under Siddirganj S/S areas from 05:23 to 07:34.

Deputy / Asstt. Manager Network Operation Division

Description

a) There was generation shortage in the evening peak hour yesterday.

Manager Network Operation Division Deputy General Manager Load Despatch Circle

Forced load shaded / Interrupted Areas

So about 573 MW (19:30) of load shed was imposed over the