

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

QF-LDC-08
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Till now the maximum generation is :- **4698.5 MW at 21:00 Hrs** Reporting Date : **18-Oct-10**
on **20-Aug-10**

The Summary of Yesterday's (17-Oct-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation	:	3742.0	MW	Hour	:	10:00	Min Gen. at 8:00 3690 MW
Evening Peak Generation	:	4138.3	MW	Hour	:	21:00	Max Generation : 4130 MW
E.P. Demand (at gen end)	:	5150.0	MW	Hour	:	21:00	Max Demand : 5150 MW
Maximum Generation	:	4149.8	MW	Hour	:	22:00	Shortage : 1020 MW
Total Gen. (MKWH)	:	92.22	System L/ Factor	:		85.41%	Load Shed : 911 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	406	MW	at	21:00	Energy	8195000 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-Oct-10							
Actual :	108.63	Ft.(MSL) ,	Rule curve :		107.60	Ft.(MSL)	

Gas Consumed : Total 719.45 MMCFt. Oil Consumed (PDB) :
HSD : 1838750 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk53,174,550 Oil : Tk73,549,982 Total : Tk126,724,532

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)		Estimated Shedding (s/s e)
	MW		from	to\MW	MW
					Rates of Shedding (On Estimated Demand)
Dhaka	354	(17:20-01:30 gen. shortage)		1964	335 17%
Chittagong Area	132	(17:20-00:30 gen. shortage)		570	133 23%
Khulna Area	111	(17:20-00:05 gen. shortage)		520	121 23%
Rajshahi Area	96	(17:20-00:20 gen. shortage)		426	98 23%
Comilla Area	72	(17:20-00:54 gen. shortage)		335	77 23%
Mymensing Area	53	(17:20-23:55 gen. shortage)		218	48 22%
Sylhet Area	13	(17:20-22:00 gen. shortage)		230	22 10%
Barisal Area	22	(17:20-00:05 gen. shortage)		101	23 23%
Rangpur Area	51	(17:20-00:20 gen. shortage)		237	54 23%
Total	904	21:00		4601	911

Information of the Generating machines under shut down.

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

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 Sikalbaha (150 MW),RPCL (210 MW) and Baghabari (100 MW) were limited to 80 MW , 106 MW and 80 MW respectively. c) After maintenance Ghorasal #5 was synchronized at 03:40. d) After maintenance Sikalbaha GT was synchronized at 18:01. e) After maintenance Siddirganj Peaking GT-2 was synchronized at 19:09. f) Ghorasal QRPP tripped at 18:46 due to tripping of 33 KV Ghorasal feeder and was synchronized at 19:45. g) Ashuganj - Comilla (N) 230 KV line-1 was shut down at 11:10 due to oil leakage maintenance from CT at Ashuganj end . h) Ghorasal 132/33 KV T1 X-former tripped at 18:45 showing E/F B-phase and was switched on at 19:16. i) Siddirganj 132/33 KV T2 X-former tripped at 00:52 (18/10/10) showing inst E/F and was switched on at 05:16 (18/10/10). j) Sylhet 132/33 KV T2 X-former was shut down down at 06:20 (18/10/10) due to red hot maintenance and was switched on at 08:25 (18/10/10).	So about 904 MW (20:00) of load shed was imposed over the whole areas of the national grid . Power interruption occurred (about 40 MW) under Ghorasal S/S areas from 18:45 to 19:16. Power interruption occurred (about 20 MW) under Siddirganj S/S areas from 00:52(18/10/10) to 05:16(18/10/10). Power interruption occurred (about 29 MW) under Sylhet S/S areas from 06:20(18/10/10) to 08:25(18/10/10). Due to generation shortage, about 50 MW (09:00) of load shed has been running since morning (18/10/10) 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