

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 : **22-Sep-10**
on **20-Aug-10**

The Summary of Yesterday's (21-Sep-10)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3663.0	MW	Hour :	12:00	Min Gen. at 7:00	3503 MW
Evening Peak Generation :	4071.0	MW	Hour :	20:00	Max Generation :	4171 MW
E.P. Demand (at gen end) :	5200.0	MW	Hour :	20:00	Max Demand :	5200 MW
Maximum Generation :	4071.0	MW	Hour :	20:00	Shortage :	1029 MW
Total Gen. (MKWH) :	91.59	System L/ Factor :		85.41%	Load Shed :	903 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	490	MW	at 4:00	Energy	10323000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 22-Sep-10						
Actual :	107.90	Ft.(MSL) ,	Rule curve :	103.84	Ft.(MSL)	

Gas Consumed : Total 725.31 MMCFt. Oil Consumed (PDB) :
HSD : 1810740 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk53,607,662 Oil : Tk72,429,582 Total : Tk126,037,244

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	422	(17:55-01:37 gen. shortage)	1974	355	18%
Chittagong Area	131	(17:55-01:20 gen. shortage)	559	125	22%
Khulna Area	117	(17:55-01:40 gen. shortage)	510	114	22%
Rajshahi Area	98	(17:55-01:14 gen. shortage)	419	94	22%
Comilla Area	73	(17:55-01:50 gen. shortage)	330	74	22%
Mymensing Area	55	(17:55-01:00 gen. shortage)	217	48	22%
Sylhet Area	24	(17:55-21:10 gen. shortage)	225	19	8%
Barisal Area	17	(17:55-01:40 gen. shortage)	99	22	22%
Rangpur Area	54	(17:55-01:14 gen. shortage)	233	52	22%
Total	991	20:00	4566	903	

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) 7)Ghorasal-5(12/09/10)

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 (360 MW) and Tongi GT (105 MW) were limited to 180 MW, 50 MW respectively. c) After maintenance Barapukuria #1 was synchronized at 12:22. d) After maintenance Ashuganj CCPP GT-1 was synchronized at 16:09. e) Barapukuria #2 was shut down at 16:08 due to coal mill problem. f) Sikalbaha GT 150 MW tripped at 21:35 due to gas booster trip and was synchronized at 23:52. g) After maintenance Ghorasal #3 was synchronized at 05:35(22/9/2010). h) Ishurdi 132/33 KV X-former T1 was shut down at 13:58 due to auxilliary x-former problem and was switched on at 14:15.It again shut down at 07:53(22/9/10) due to red hot maintenance and was switched on at 08:58(22/9/10). i) Maniknagar - Haripur 132 KV line-1 was shut down at 23:40 due to red hot at tower-7 and was switched on at 09:17(22/9/10).	So about 991 MW (20:00) of load shed was imposed over the whole areas of the national grid . Power interruption occurred (about 8 MW) under Ishurdi S/S areas 13:58 to 14:15 and 07:53(22/9/10) to 08:58(22/9/10). Due to generation shortage, about 100 MW (09:00) of load shed has been running since morning (22/9/10) 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