

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 :- **4606.0 MW at 22:00 Hrs** Reporting Date : 7-Aug-10
on 14-Apr-10

The Summary of Yesterday's (6-Aug-10) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3634.0	MW	Hour :	11:00	Min Gen. at 7:00	3750	MW
Evening Peak Generation :	4021.8	MW	Hour :	20:00	Max Generation :	3969	MW
E.P. Demand (at gen end) :	4950.0	MW	Hour :	20:00	Max Demand :	5050	MW
Maximum Generation :	4067.0	MW	Hour :	24:00	Shortage :	1081	MW
Total Gen. (MKWH) :	88.60	System L/ Factor :		85.41%	Load Shed :	917	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	510	MW	at 1:00	Energy	10874000	KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-	KWHR.
Water Level of Kaptai Lake at 6:00 A M of 7-Aug-10							
Actual :	98.60	Ft.(MSL) ,	Rule curve :	90.92	Ft.(MSL)		

Gas Consumed : Total	750.18	MMCFt.	Oil Consumed (PDB) :				
				HSD :	999184	Liter	
				FO :	0	Liter	

Cost of the Consumed Fuel (PDB) : Gas : Tk55,445,804 Oil : Tk39,967,340 Total : Tk95,413,144

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding
	MW		from to MW	MW	(On Estimated Demand)
Dhaka	388	(18:30-7:13 gen. shortage)	1860	367	20%
Chittagong Area	110	(18:30-7:08 gen. shortage)	525	132	25%
Khulna Area	63	(18:30-Till Now gen. shortage)	470	118	25%
Rajshahi Area	69	(18:30-7:05 gen. shortage)	387	97	25%
Comilla Area	64	(18:30-7:09 gen. shortage)	302	76	25%
Mymensing Area	38	(18:30-7:00 gen. shortage)	212	53	25%
Sylhet Area	9	0	233	-	-
Barisal Area	3	(18:30-Till Now gen. shortage)	91	23	25%
Rangpur Area	43	(18:30-7:05 gen. shortage)	204	51	25%
Total	787	20:00	4284	917	

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) Siddhirganj GT-1 (16/06/10)
	6) Kaptai -1 (25/06/10)
	7) Sikalbaha St (07/07/10)
	8) Ghorasal 6(18/07/10)
	9) Raozan -2 (17/07/10)
	10) Ashugonj (02/08/2010)
	11) Haripur SBU GT-1 (1/8/2010)

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.	So about 787 MW (20:00) of load shed was imposed over the whole (except Sylhet) areas of the national grid .
b) Due to gas limitation, RPCL (210 MW) ,Tongi (105 MW) and HPL (360 MW) were limited to 90 MW,60 MW and 351 MW respectively.	
c) Bhagabari 71 MW was shut down at 17:08 due to low gas pressure and was synchronized at 06:50	
d) Barapukuria # 1 was shut down at 00:10 (07/08/10) due to boiler and coal mill problem.	
e) RPCL GT 3 was shut down at 08:27 due to low gas pressure.	
f) NEPC Haripur tripped at 18:37 showing fire alarm and was synchronized at 18:47.	
g) Bogra 230 KV to Bogra 132 KV line -2 was shut down at 09:44 due to maintenance and was switched on at 11:10.	
	Due to generation shortage, about 225 MW (09:00) of load shed has been running since morning (07/08/10) 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