

**POWER GRID COMPANY OF BANGLADESH LTD.
CENTRAL LOAD DESPATCH CENTER. LDC.DHAKA
DAILY REPORT**

QF-LDC-08
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Till now the maximum generation is :-				4606.0 MW at		22:00		Hrs		Reporting Date : 5-Jul-10 on 14-Apr-10	
The Summary of Yesterday's (4-Jul-10) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	3674.0	MW	Hour :	9:00		Min Gen. at	6:00	3877	MW		
Evening Peak Generation :	3884.5	MW	Hour :	20:00		Max Generation :		4015	MW		
E.P. Demand (at gen end) :	4900.0	MW	Hour :	20:00		Max Demand :		5000	MW		
Maximum Generation :	4050.0	MW	Hour :	1:00		Shortage :		985	MW		
Total Gen. (MKWH) :	87.40		System L/ Factor :	85.41%		Load Shed :		852	MW		
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR											
Export from East grid to West grid :- Maximum				420		MW	at	2:00	Energy	8461000 KWHR.	
Import from West grid to East grid :- Maximum				-		MW	at	-	Energy	- KWHR.	
Water Level of Kaptai Lake at 6:00 A M of				5-Jul-10							
Actual :		95.65		Ft.(MSL) ,		Rule curve :		84.64		Ft.(MSL)	
Gas Consumed : Total		807.41		MMCFt.		Oil Consumed (PDB) :					
								HSD :	1239214		Liter
								FO :	0		Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk59,675,673		Oil :		Tk49,568,560		Total :		#####	

Load Shedding & Other Information

Area	Yesterday		Today			
			Estimated Demand(s/s end)		Estimated Shedding (s/s e	Rates of Shedding
	MW		from	to	MW	(On Estimated Demand)
Dhaka	368	(18:45- till now, gen. shortage)		1875	353	19%
Chittagong Area	123	(18:45- till now, gen. shortage)		530	108	20%
Khulna Area	108	(18:45- till now, gen. shortage)		466	95	20%
Rajshahi Area	88	(18:45- till now, gen. shortage)		388	80	21%
Comilla Area	68	(18:45- till now, gen. shortage)		302	61	20%
Mymensing Area	41	(18:45- till now, gen. shortage)		225	46	20%
Sylhet Area	25	(18:45- 05:30, gen. shortage)		238	48	20%
Barisal Area	17	(18:45- till now, gen. shortage)		93	19	20%
Rangpur Area	40	(18:45- till now, gen. shortage)		208	42	20%
Total	878	20:00		4325	852	

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) Ashuganj C CPP ST (05/12/09)
	5) Raozan -1 (08/05/10)
	6) Ghorasal 2(26/04/10)
	7) Kaptai- 4 (17/01/10)
	8) Siddhirganj GT-1 (16/06/10)
	9) Kaptai -1 (25/06/10)
	10) Ashuganj -3 (02/07/10)

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.	So about 878 MW (20:00) of load shed was imposed over the whole (except Sylhet) areas of the national grid .
b) Due to gas limitation, Siddhirganj GT -2 (120 MW), Raozan (180 MW), RPCL (210 MW), Baghabari GT2 (100 MW), MPL GT (450 MW) and HPL (250 MW) were limited to 40 MW, 130 MW, 91 MW,60 MW, 440 MW and 185 MW respectively.	
c) Tongi GT was shut down at 10:35 due to gas pressure low and was synchronized at 00:01 (05/07/10).	
d) After maintenance, Ashuganj unit -4 was synchronized at 12:52. But it tripped again at 12:56 due to carmomax high and was synchronized at 15:48.	
e) Khulna (C) 132/33 KV T-2 transformer was under shut down from 09:57 to 11:13 due to painting.	
f) Niyamatpur 132/33 KV T1 transformer tripped at 11:16 from both side showing E/F and was switched on at 11:36.	Partial power interruption occurred (3 MW) under Niyamatpur S/S areas for 20 minutes.
g) Ghorasal - Narsinghdi 132 KV line tripped at 12:35 from Ghorasal end showing 'Remote prot.' and was switched on at 12:49.	
h) Sikalbaha 132 KV bus and Sikalbaha 60 MW tripped at 18:10 due to problem of Y -phase bushing of Sikalbaha 60 MW unit transformer. At that time, Sikalbaha RPP(50 MW) also tripped Power supply was normalized by switched on Madanhat - Sikalbaha 132 KV line -1 at 18:30. Sikalbaha 60 MW and RPP were synchronized at 21:25 and 21:35 respectively.	Power interruption occurred (50 MW) under Sikalbaha, Dohazari and Cox'sbazar S/S areas for 20 minutes.
i) Khulshi - Madanhat 132 KV line -2 tripped at 18:12 from Madanhat end showing ' DIST Z1' and was switched on at 18:25.	Due to generation shortage, about 200 MW (09:00) of load shed has been running since morning (05/07/10) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division

Deputy General Manager
Load Despatch Circle