

**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 :- 4296.0 MW at 20:00 Hrs on 18-Sep-09 Reporting Date : 15-Feb-10

The Summary of Yesterday's (	14-Feb-10	) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3627.0	MW	Hour :	9:00	Min Gen. at	4:00	2869 MW
Evening Peak Generation :	3852.0	MW	Hour :	20:00	Max Generation :		3855 MW
E.P. Demand (at gen end) :	4650.0	MW	Hour :	20:00	Max Demand :		4650 MW
Maximum Generation :	3864.0	MW	Hour :	21:00	Shortage :		795 MW
Total Gen. (MKWH) :	82.46		System L/ Factor :	85.41%	Load Shed :		676 MW

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from East grid to West grid :- Maximum	580	MW	at	8:00	Energy	12302000	KWHR.
Import from West grid to East grid :- Maximum	-	MW	at	-	Energy	-	KWHR.

Water Level of Kaptai Lake at 6:00 A M of		15-Feb-10		
Actual :	88.68	Ft.(MSL) ,	Rule curve :	95.04 Ft.(MSL)

Gas Consumed : Total	707.70	MMCFt.	Oil Consumed (PDB) :	
			HSD :	291808 Liter
			FO :	0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk52,306,107 Oil : Tk11,672,300 Total : Tk63,978,407

**Load Shedding & Other Information**

Area	Yesterday		Today		
	Actual Shedding (s/s end)		Estimated Demand(s/s end)		Rates of Shedding (On Estimated Demand)
	MW		from	to MW	
Dhaka	302	(17:40-23:15, gen. shortage)		1650	232 14%
Chittagong Area	88	(17:40-23:05, gen. shortage)		452	96 21%
Khulna Area	56	(17:40-23:05, gen. shortage)		415	87 21%
Rajshahi Area	73	(17:40-23:15, gen. shortage)		383	81 21%
Comilla Area	55	(17:40-23:00, gen. shortage)		308	66 21%
Mymensing Area	47	(17:40-23:00, gen. shortage)		227	48 21%
Sylhet Area	-	0		209	- -
Barisal Area	12	(17:40-23:05, gen. shortage)		85	18 21%
Rangpur Area	45	(17:40-23:15, gen. shortage)		225	48 21%
<b>Total</b>	<b>678</b>	<b>20:00</b>		<b>3954</b>	<b>676</b>

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Khulna 60 MW (05/07/06)	1) Kaptai- 3 (19/04/08) 2) Shajibazar- 2 (13/07/08) 3) Shajibazar-4 (18/10/08) 4) Khulna 110 (31/03/09) 5) Haripur SBU GT-3 (18/06/09). 6) Shahjibazar 5 (05/08/09) 7) Shahjibazar -6 (11/10/09). 8) Raozan -2 (08/11/09)
	09) Ashuganj CCPP ST (05/12/09) 10) Raozan -1(19/12/09) 11) Sikalbaha St (27/12/09) 12) Kaptai -4 (17/01/10) 13) Baghabari GT-1 (17/01/10) 14) Ghorasal 3 (13/02/10).

**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 678 MW (20:00) of load shed was imposed over the whole area (except Sylhet ) of the national grid .
b) Due to gas limitation, RPCL (175 MW) , Tongi GT (105 MW) , Baghabari GT-2 (100 MW) and Siddhirganj 210 MW were limited to 92 MW, 30 MW , 80 MW and 100 MW respectively.	
c) Due to gas limitation, Sikalbaha Steam, Haripur SBU GT-1 & 2 , Baghabari GT-1 (71 MW), NEPC & Raozan -1, 2 were under shut down.	Power interruption occurred (8 MW) under Naogaon S/S areas from 14:24 to 14:47.
d) Baghabari GT-2 (100 MW) tripped at 03:37 (15/02/10) due to auxiliary failure and was synchronized at 05:22 (15/02/10).	
e) Baghabari WMPL unit -1 tripped at 04:02 (15/02/10) due to vibration high and was synchronized at 06:35 (15/02/10).	Due to generation shortage, about 100 MW (09:00) of load shed has been running since morning (14/02/10) over the whole area (except Sylhet) of the national grid.
f) Meghnaghat GT-1 was shut down at 07:04 (15/02/10) due to changing of air filter and was synchronized at 10:48.	
g) Comilla - Haripur 132 KV line -2 was under DLC from 08:51 to 15:29.	
h) Ashuganj - Ghorasal 132 KV line -2 tripped at 10:51 from Ashuganj end showing ' Differential prot. BB -I ' . At the same time, Ashuganj - Kishorganj 132 KV line -2 and Ashuganj - Shahjibazar 132 KV line - 3 also tripped from Ashuganj end showing same relay . The lines were switched on at 12:05, 12:13 and 12:09 rspectively.	
i) Naogaon 132/33 KV T1 , T2 and T3 transformers were under shut down from 12:40 to 13:20, 13:22 to 14:18 and 14:24 to 14:47 respectively due to connection of energy meter.	
j) Madanhat - Kaptai 132 KV line -1 was under NLDC project work from 06:32 (15/02/10) to 08:55 (15/02/10).	

Deputy / Asstt. Manager  
Load Despatch Division

Manager  
Load Despatch Division

Deputy General Manager  
Load Despatch Circle