

**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 : 17-Feb-10

The Summary of Yesterday's (	16-Feb-10	) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3579.0	MW	Hour :	11:00	Min Gen. at 4:00	3057	MW
Evening Peak Generation :	3878.5	MW	Hour :	19:00	Max Generation :	3900	MW
E.P. Demand (at gen end) :	4700.0	MW	Hour :	19:00	Max Demand :	4700	MW
Maximum Generation :	3878.5	MW	Hour :	19:00	Shortage :	800	MW
Total Gen. (MKWH) :	82.68	System L/ Factor :		85.41%	Load Shed :	661	MW

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

Export from East grid to West grid :- Maximum	590	MW	at 8:00	Energy	12178000	KWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	KWHR.
Water Level of Kaptai Lake at 6:00 A M of 17-Feb-10						
Actual : 88.29	Ft.(MSL) ,	Rule curve :	94.76	Ft.(MSL )		

Gas Consumed : Total	720.68	MMCFt.	Oil Consumed (PDB) :	HSD : 243423	Liter
				FO : 0	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk53,265,459 Oil : Tk9,736,906 Total : Tk63,002,365

**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	181	(17:40-23:30, gen. shortage)		1625	231 14%
Chittagong Area	129	(17:40-23:00, gen. shortage)		442	92 21%
Khulna Area	76	(17:40-23:10 gen. shortage)		409	87 21%
Rajshahi Area	94	(17:40-23:30, gen. shortage)		375	79 21%
Comilla Area	75	(17:40-22:35, gen. shortage)		300	62 21%
Mymensing Area	57	(17:40-22:35, gen. shortage)		222	46 21%
Sylhet Area	-	0		206	- -
Barisal Area	14	(17:40-23:10 gen. shortage)		84	18 21%
Rangpur Area	53	(17:40-23:30, gen. shortage)		220	46 21%
<b>Total</b>	<b>679</b>	<b>19:00</b>	<b>3883</b>		<b>661</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 CAPP 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 679 MW (19:00) 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) and Siddhirganj 210 MW were limited to 105 MW, 40 MW and 100 MW respectively.	
c) Due to gas limitation, Sikalbaha Steam, Haripur SBU GT-1 & 2 NEPC & Raozan -1, 2 were under shut down.	
d) Baghabari GT-1 (71 MW) was synchronized at 21:00.	
f) Kabirpur - Joydevpur 132 KV line -1 from 08:30 to 15:30, Comilla - Haripur 132 KV line -2 from 08:37 to 16:10 and Chatak 132/33 KV T2 transformer from 09:10 to 15:19 were under annual maintenance.	
g) Basundhara (on DIST Z1) - Rampura (on DIST CN, Z1, Z3) 132 KV line -1 tripped at 11:25 from both end and was switched on at 12:51.	Partial power interruption (25 MW) occurred under Basundhara S/S areas from 11:25 to 12:51.
h) Kabirpur - Tongi 132 KV line -1 was under shut down from 12:05 to 16:54 due to oil leakage from breaker at Kabirpur end.	
i) Barisal (on DTWE) - Madaripur (DIST Z2) 132 KV line -1 tripped from both end at 13:10 and was switched on at 13:17.	
j) Bottail 132/33 KV T1 and T2 transformer tripped at 15:20 showing ' E/F and Lockout' and were switched on at 15:28 and 15:32 respectively.	Power interruption (30 MW) occurred under Bottail S/S areas from 15:28 to 15:32.
k) Ghorasal - Joydevpur 132 KV line -2 tripped at 07:30 (17/02/10) from Ghorasal end showing ' Remote prot. ' and was switched on at 07:49 (17/02/10).	
k) Tongi 230/132 KV T01 transformer tripped at 07:35 (17/02/10) showing ' Remote prot. ' . At the same time Tongi GT also tripped showing 'Differential relay' . They are now under inspection.	Due to generation shortage, about 100 MW (09:00) of load shed has been running since morning (17/02/10) 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