

**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		Reporting Date : 11-Apr-10 on 18-Sep-09	
The Summary of Yesterday's (10-Apr-10) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	3739.0	MW	Hour :	9:00	Min Gen. at	8:00	3635	MW			
Evening Peak Generation :	3990.0	MW	Hour :	20:00	Max Generation :		4107	MW			
E.P. Demand (at gen end) :	5400.0	MW	Hour :	20:00	Max Demand :		5500	MW			
Maximum Generation :	4024.0	MW	Hour :	21:00	Shortage :		1393	MW			
Total Gen. (MKWH) :	89.27		System L/ Factor :	85.41%	Load Shed :		1154	MW			
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR											
Export from East grid to West grid :- Maximum				690	MW	at	24:00	Energy	14171000	KWHR.	
Import from West grid to East grid :- Maximum				-	MW	at	-	Energy	-	KWHR.	
Water Level of Kaptai Lake at 6:00 A M of				11-Apr-10							
Actual :	77.91	Ft.(MSL) ,		Rule curve :		86.00	Ft.(MSL)				
Gas Consumed :	Total	810.34	MMCFt.		Oil Consumed (PDB) :						
							HSD :	378348	Liter		
							FO :	0	Liter		
Cost of the Consumed Fuel (PDB) : Gas :		Tk59,892,229		Oil :		Tk15,133,928	Total :		Tk75,026,157		

Load Shedding & Other Information

Area	Yesterday		Today			
	Actual Shedding (s/s end)		Estimated Demand(s/s end)		Estimated Shedding (s/s e	Rates of Shedding (On Estimated Demand)
	MW		from	to MW		
Dhaka	462	(18:10- Till now, gen. shortage)		1907	438	23%
Chittagong Area	149	(18:10- Till now, gen. shortage)		525	151	29%
Khulna Area	132	(18:10- Till now, gen. shortage)		491	142	29%
Rajshahi Area	119	(18:10- Till now, gen. shortage)		450	131	29%
Comilla Area	146	(18:10- Till now, gen. shortage)		362	106	29%
Mymensing Area	89	(18:10- Till now, gen. shortage)		268	79	29%
Sylhet Area	-	0		190	-	-
Barisal Area	18	(18:10- Till now, gen. shortage)		100	29	29%
Rangpur Area	54	(18:10- Till now, gen. shortage)		265	78	29%
Total	1169	20:00		4558	1154	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Kaptai- 3 (19/04/08)
	2) Shahjibazar- 2 (13/07/08)
	3) Shahjibazar-4 (18/10/08)
	4) Khulna 110MW (31/03/09)
	5) Haripur SBU GT-3 (18/06/09)
	6) Shahjibazar 5 (05/08/09)
	7) Shahjibazar -6 (11/10/09)
	8) Ashuganj CCPP ST (05/12/09)
	9) Kaptai -4 (17/01/10)
	10) Ghorasal-2 (29/03/10)
	11) Meghnaghat GT-2 (30/03/10)
	12) Tongi GT (07/04/10)
	13) Khulna 60 MW (09/04/10)

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 1169 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), Raozan (360 MW), NEPC (110 MW), HPL (360 MW) and Siddhirganj GT-1 (120 MW) were limited to 102 MW, 320 MW, 82 MW, 346 MW and 100 MW respectively.	
c) Baghabari WMPL unit -1 tripped at 10:44 due to compressor problem and was synchronized at 15:18.	
d) Ashuganj 132 KV bus -II and Ashuganj - Shahjibazar 132 KV line - 3 were shut down at 09:14 due to connection of isolator to bus -II. While switching in the line and bus, Ashuganj - Shahjibazar 132 KV line -1 and line -2 tripped from both end & Shahjibazar end showing ' DIST A-phase Z2', ' DIST' and 'DIST Z1 ' respectively at 03:47 (11/04/10). At that time all the running machines Fenchuganj CCPP GT-1 & GT-2, SPCL (86 MW), Shahjibazar 8 & 9, Fenchuganj RPP (53 MW), Hobiganj RPP (11 MW), Sylhet RPP(11 MW), Shahjibazar RPP (50 MW) and Sylhet RPP (48 MW) of Sylhet zone also tripped . So Sylhet area was fully interrupted. Power supply was normalized by switched on Ashuganj - Shahjibazar line - 3 at 08:20 (11/04/10). Ashuganj - Sahahjibazar 132 KV line -1 & 2 switched on at 09:00 (11/04/10) and 09:09 respectively and the machines were synchronized at 09:19, 09:36, 08:47, 09:05, 12:50, 09:10 ,10:05, 10:10, 08:45, 08:20 (11/04/10) respectively.	Power interruption occurred (100 MW) under Sylhet zone from 03:47 to 08:20 (11/04/10).
e) Joydevpur - Kabirpur 132 KV line -1 was under annual maintenance from 09:10 to 14:01.	
f) Ghorasal (DIST) - Ishurdi (LZ96, DT) 230 KV line -2 tripped at 13:44 from both end and was switched on at 14:12.	
g) Serajganj - Baghabari (on DIST Z1) 230 KV line -1 and Ishurdi (DIST Z2) - Baghabari (DIST Z1 RST) 230 KV line -1 & 2 tripped at 16:35 from Baghabari end and both end. At the same time Baghabari WMPL unit -1 & 2 also tripped showing auxiliary failure. The lines were switched on at 16:37, 17:30 and the machines were Synchronized at 18:24 and 20:34 respectively.	
h) Madaripur - Faridpur 132 KV line -1 tripped at 19:10 due to burst of B-phase CT at Madaripur and and was switched on at 19:33.	
	Due to generation shortage, about 550 MW (09:00) of load shed has been running since morning (11/04/10) 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