

**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 :- MW at		4146.9	21:00	Reporting Date :	5-Apr-09
<b>The Summary of Yesterday's (</b>		<b>4-Apr-09</b>	<b>) Generation &amp; Demand</b>	<b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b>	
Day Peak Generation :	3406.8	MW	Hour :	12:00	Min Gen. at 5:00 3313 MW
Evening Peak Generation :	3845.1	MW	Hour :	19:00	Max Generation : 3830 MW
E.P. Demand (at gen end) :	4600.0	MW	Hour :	19:00	Max Demand : 4800 MW
Maximum Generation :	3845.1	MW	Hour :	19:00	Shortage : 970 MW
Total Gen. (MKWH) :	79.15	System L/ Factor :			Load Shed : 820 MW
<b>EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR</b>					
Export from East grid to West grid :- Maximum		540 MW	at 19:00	Energy	10650000 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-Apr-09		
Actual :	77.74	Ft.(MSL) ,	Rule curve :	87.20	Ft.(MSL )
Gas Consumed : Total		749.12	MMCFt.	Oil Consumed (PDB) :	SKO : 0 Liter
					HSD : 445421 Liter
					FO : 0 Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk55,367,459	Oil :	Tk11,273,606	Total : Tk66,641,065

**Load Shedding & Other Information**

Area	Yesterday		Today	
	Actual Shedding (s/s end), MW	Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding (On Estimated Demand)
generation shortage at (19:00)	-	MW	MW	
Dhaka	269 (18:15-00:42, gen. shortage)	1696	330	19%
Chittagong Area	95 (18:15-cont'd, gen. shortage)	463	111	24%
Khulna Area	74 (18:15-23:55, gen. shortage)	431	103	24%
Rajshahi Area	39 (18:15-22:50, gen. shortage)	427	77	18%
Comilla Area	52 (18:15-22:50, gen. shortage)	287	69	24%
Mymensing Area	55 (18:15-22:30, gen. shortage)	243	33	14%
Sylhet Area	26 (18:15-19:19, gen. shortage)	176	42	24%
Barisal Area	10 (18:15-23:55, gen. shortage)	88	21	24%
Rangpur Area	18 (18:15-22:48, gen. shortage)	246	34	14%
	(			
<b>Total</b>	<b>638 19:00</b>	<b>4057</b>	<b>820</b>	

Information of the Generating machines under maintenance

Planned Shut- Down	Forced Shut- Down
1) Khulna 60 MW (05/07/06)	1) Kaptai- 3 (19/04/08)
	2) Shahjibazar-2 (13/07/08)
	3) Shahjibazar-4 (18/10/08)
	4) Ghorasal-1 (30/09/08)
	5) Sikalbaha Barge (19/06/08)
	6) Sikalbaha St-(24/12/08)
	7) Ashuganj CCPP Gt-1 & St (03/03/09)
	8) HaripurSBU-2(14/03/09)
	9) Khulna 110 (31/03/09)
	10) NEPC -4 (20/03/09)
	11) Baghabari WMPL -1 (02/04/09)

**Additional Information of Machines. lines. Interruption / Forced Load shed etc.**

Description	Forced load shaded / Interrupted Areas
<p>a) There was generation shortage in the evening peak hour yesterday.</p> <p>b) Due to gas pressure low, Raozan 360 MW), RPCL (210 MW) , Siddhirganj (210 MW) and Haripur Power Co. Ltd (360MW) were limited to 200 MW, 80 MW, 120 MW and 352 MW respectively.</p> <p>c) Due to gas limitation, Sikalbaha Barge &amp; Steam, Shahjibazar -2, 4 are under shut down.</p> <p>d) Due to low water level, Kaptai - 2 &amp; 4 are under shut down.</p> <p>e) After maintenance, Tongi GT was synchronized at 15:19.</p> <p>f) Raozan unit -2 was shut down at 00:51 (05/04/09) due to gas pressure low.</p> <p>g) Bogra 230/132 KV T1 transformer was under shut down from 08:55 to 14:18 due to oil leakage maintenance</p> <p>h) Comilla (S) - Chandpur 132 KV line and Mongla 132/33 KV T1 transformer were under shut down from 08:46 to 14:38 and 08:21 to 18:30 respectively due to NLDC project work.</p> <p>i) Sylhet 132/33 KV T4 transformer was under shut down from 10:50 to 11:23 due to maintenance of grounding switch.</p> <p>j) Ishurdi 230/132 KV T03 transformer tripped at 10:43 showing 'Pressure relief device' and was switched on at 13:56.</p> <p>k) After maintenance, Khulna (C) - Khulna (S) 132 KV line -2 and Kabipur - Joydevpur 132 KV line -2 were switched on at 18:26 and 12:32 respectively.</p> <p>l) Haripur (on DIST Z1) - Comilla (N) (on DIST A-phase) 132 KV line -1 &amp; 2 tripped at 21:35 from both side and were switched on at 22:01 and 22:02 respectively.</p> <p>m) Ashuganj (on DIST RST Z1) - Seraganj (on DIST) 230 KV line -1 tripped at 22:38 from both end and was switched on at 23:27.</p> <p>n) Khulna (S) - Khulna (C)132KV line -2 is under shut down since 07:05 (05/04/09) due to NLDC project work.</p>	<p>So about 638 MW (19:00) of load shed was imposed over the whole area (except Sylhet) of the national grid.</p> <p>Due to generation shortage and MVAR problem , about 200 MW of load shed has been running since morning (05/04/09) at Dhaka and Chittagong areas of the national grid.</p>

Deputy / Asstt. Manager  
Load Despatch Division

Manager  
Load Despatch Division

Deputy General Manager  
Load Despatch Circle