## POWER GRID COMPANY OF BANGLADESH LTD. CENTRAL LOAD DESPATCH CENTER, LDC.DHAKA DAILY REPOR

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KWHR.

Liter

Reporting Date 7-.lun-09 Till now the maximum generation is: - MW at The Summary of Yesterday's ( ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand 10:00 3243 MW Day Peak Generation MW Min Gen. at 3713.0 Hour 6:00 Evening Peak Generation MW 19:00 Max Generation 3783 MW Hour E.P. Demand (at gen end) 4550.0 MW Hour 19:00 Max Demand 4650 MW Maximum Generation 3904.0 MW Hour 19:00 Shortage 867 MW Total Gen. (MKWH) 84.21 89.88% Load Shed 725 MW EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR Export from East grid to West grid :- Maximum 500 MW at 1:00 Energy 11045500 KWHR.

MW

Oil Consumed (PDB):

Water Level of Kaptai Lake at 6:00 A M of 7-Jun-09
Actual: 73.00 Ft.(MSL), Rule curve: 77.56 Ft.(MSL)

MMCFt.

T: 73.00 Ft.(MSL), Rule curve: 77.56 Ft.(MSL)

HSD : 368097 Liter FO : 105092 Liter

0

Energy

SKO

Cost of the Consumed Fuel (PDB): Gas : Tk57,544,109 Oil : Tk10,577,630 Total : Tk68,121,739

## **Load Shedding & Other Information**

778.57

Import from West grid to East grid :- Maximum

Gas Consumed: Total

Area	Yesterd	ay	Today		
	Actual Sh	edding (s/s end), MW	Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding
generation shortage at (19:00)			MW	MW	(On Estimated Demand)
Dhaka	145	(18:30-02:15, gen. shortage)	1634	199	12%
Chittagong Area	83	(18:30-02:15, gen. shortage)	500	122	24%
Khulna Area	77	(18:30-01:35, gen. shortage)	436	106	24%
Rajshahi Area	67	(18:30-01:40, gen. shortage)	365	89	24%
Comilla Area	55	(18:30-01:22, gen. shortage)	278	68	24%
Mymensing Area	41	(18:30-01:10, gen. shortage)	222	54	24%
Sylhet Area	25	(18:30-00:05, gen. shortage)	183	21	11%
Barisal Area	17	(18:30-01:35, gen. shortage)	81	20	25%
Rangpur Area	30	(18:30-01:40, gen. shortage)	190	46	24%
		(			
Total	540	19:00	3889	725	

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)	09) Barapukuria unit -2 (21/04/09).	
	2) Shajibazar-2 (13/07/08)	10) Shahjibazr -8 (23/05/09).	
	3) Shajibazar-4 (18/10/08)	11) Tongi GT (29/05/09).	
	4) Ghorasal-1 (30/09/08)		
	5) Sikalbaha Barge (27/04/09)		
	6) Sikalbaha St-(27/04/09)		
	7) Khulna 110 (31/03/09)		
	8) NEPC 1 unit is under S/D		

## 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.
- b) Due to gas limitation, Siddhirganj (190 MW), RPCL (175 MW), Raozan (360 MW), NEPC (95MW) and Haripur Power Ltd. (360 MW) were limited to 150 MW, 95 MW, 240 MW 50 MW and 333 MW respectively.
- c) Due to gas limitation, Shahjibazar -2, 3 ,4 & 5, Haripur SBU GT-1 & 3 (66 MW) were under shut down.
- d) Ashuganj unit -1 was forced shut down at 11:28 due to vacuum pump problem.
- e) After maintenance, Tongi GT was synchronized at 17:28.
- f) Raozan unit -1 tripped at 03:16 (07/06/09) due to gas pressure abnormal and super heater tube leakage.
- g) Ishurdi 132/33 KV T2 transformer rwas under shut down from 10:36 to 11:14 due to red-hot maintenance of Y-phase bus isolator.
- h) Comilla (N) Feni 132 KV line -1 & 2 tripped at 12:55 from both end showing at Feni end 'DIST Z1 R-phase' & 'DIST ABC' and at Comilla (N) end 'SOTF' & 'DIST Z3' respectively. At the same time, Comilla (N) -Comilla (S) 132 KV line from Comilla (N) end showing 'Directional O/C' and Chandpur Chowmuhani 132 KV line -1 & 2 from Chandpur end showing 'Directional O/C' also tripped. Power supply was normalized at Feni and Chowmuhani S/S areas by closing of Feni Hathazari132 KV line -1 & 2 at 13:00 and Comilla (S) by switching on Comilla (N) Comilla (S) 132 KV line at 13:13.Comilla (N) Feni 132 KV line -1 & 2 mad Chandpur Chowmuhani 132 KV line -1 & 2 were switched on at 13:02, 13:24 , 13:33 and 13:34 respectively.
- i) Aminbazar 230/132 KV T03 transformer was under shut down from 13:56 to 15:14 due to fire fighting action test.
- j) Chatak 132/33 KV T2 transformer tripped at 20:15 showing 'O/C at A-phase' due to 33 KV SPPM feeder fault and was switched on at 20:20.
- k) Siddhirganj 132/33 KV T1 transformer tripped at 00:58 (07/06/090 showing 'Over current' and T2 deloaded due to tripping of 33 KV breaker of DPDC. They were switched on at 01:06(07/06/09).

Partial power interruption occurred (04 MW) under Ishurdi S/S

areas from 10:36 to 11:14.

Power interruption occurred under Comilla (S) (about 55 MW),
Feni (about 22 MW) and Chowmuhani (about 25 MW) S/S areas from
12:55 to 13:13, 12:55 to 13:00 and 12:55 to 13:00 respectively.

So about 540 MW (19:00) of load shed was imposed over the whole

area of the national grid

Power interruption occurred (86 MW) under Siddhirganj S/S areas from 00:58 (07/06/09) to 01:06 (07/06/09).

Due to generation shortage and MVAR problem, about 100 MW (09:00) of load shed has been running since morning (07/06/09) 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