

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

QF-LDC-08
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Reporting Date : 13-Apr-09

Till now the maximum generation is :- MW at		4146.9	21:00	3-Apr-09
The Summary of Yesterday's (12-Apr-09) Generation & Demand	
Day Peak Generation :	3517.0	MW	Hour :	9:00
Evening Peak Generation :	3642.1	MW	Hour :	20:00
E.P. Demand (at gen end) :	5000.0	MW	Hour :	20:00
Maximum Generation :	3665.8	MW	Hour :	24:00
Total Gen. (MKWH) :	81.60	System L/ Factor :	92.75%	
		Today's Actual Min Gen. & Probable Gen. & Demand		
		Min Gen. at	3:00	3540 MW
		Max Generation :		3745 MW
		Max Demand :		5050 MW
		Shortage :		1305 MW
		Load Shed :		1079 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR				
Export from East grid to West grid :- Maximum	490 MW	at	24:00	Energy 10545500 KWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A M of				
13-Apr-09				
Actual :	76.88	Ft.(MSL) ,	Rule curve :	85.60 Ft.(MSL)

Gas Consumed : Total	729.44	MMCFt.	Oil Consumed (PDB) :	SKO : 0	Liter
				HSD : 487058	Liter
				FO : 0	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk53,912,910 Oil : Tk12,327,438 Total : Tk66,240,348

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 (20:00)	-	MW	MW	
Dhaka	459 (18:15 -cont'd, gen. shortage)	1746	439	25%
Chittagong Area	131 (18:15 -cont'd, gen. shortage)	476	140	29%
Khulna Area	137 (18:15 -cont'd, gen. shortage)	443	130	29%
Rajshahi Area	134 (18:15 -cont'd, gen. shortage)	440	105	24%
Comilla Area	97 (18:15 -cont'd, gen. shortage)	295	87	29%
Mymensing Area	61 (18:15 -cont'd, gen. shortage)	250	49	20%
Sylhet Area	19 (18:15 -cont'd, gen. shortage)	182	54	30%
Barisal Area	16 (18:15 -cont'd, gen. shortage)	91	27	30%
Rangpur Area	69 (18:15 -cont'd, gen. shortage)	252	48	19%
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Total	1123 20:00	4175	1079	

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) Shajibazar-2 (13/07/08)
	3) Shajibazar-4 (18/10/08)
	4) Ghorasal-1 (30/09/08)
	5) Sikalbaha Barge (19/06/08)
	6) Sikalbaha St-(24/12/08)
	7) Khulna 110 (31/03/09)
	8) NEPC -4 (20/03/09)
	9) Ghorasal -6(06/04/09)
	10) Ashuganj CCPP St (11/04/09)
	11) Haripur SBU GT-1(11/04/09)

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 1123 MW (20:00) of load shed was imposed over the whole area of the national grid.
b) Due to gas pressure low, Raozan -1 (180 MW), RPCL (175 MW) , Siddhirganj (190 MW), Baghabari GT-1 (71 MW) & GT-2 (100 MW) and Haripur Power Co. Ltd (360MW) were limited to 150 MW, 92 MW, 120 MW, 45 MW, 50 MW and 286 MW respectively.	
c) Due to gas limitation, Raozan -2, Haripur SBU GT-2 & 3 , Sikalbaha Barge & Steam, Shahjibazar -2, 4 are under shut down.	
d) Due to low water level, Kaptai - 2 & 4 are under shut down.	
e) Meghnaghat GT- 2 tripped at 17:05 showing ' Flame failure' and was synchronized at 18:35.	
f) After maintenance, Baghabari GT-1 was synchronized at 23:23.	
g) Baghabari GT-1 (71 MW) tripped at 00:17 (13/04/09) due to gas pressure low and was synchronized at 04:22.	
h) Chandpur - Chowmuhani 132 KV line -2 was under shut down from 12:21 to 16:46 due to red-hot maintenance of isolator at Chandpur S/S end.	
	Due to generation shortage and MVAR problem , about 350 MW (09:00) of load shed has been running since morning (13/04/09) 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