

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

QF-LDC-08
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Reporting Date : 15-Jun-09

Till now the maximum generation is :- MW at		4162.1	21:00	1-May-09
The Summary of Yesterday's (14-Jun-09) Generation & Demand	
Day Peak Generation :	3547.0	MW	Hour :	10:00
Evening Peak Generation :	3580.8	MW	Hour :	20:00
E.P. Demand (at gen end) :	4650.0	MW	Hour :	20:00
Maximum Generation :	3804.0	MW	Hour :	3:00
Total Gen. (MKWH) :	83.26	System L/ Factor :	91.20%	
		Today's Actual Min Gen. & Probable Gen. & Demand		
		Min Gen. at	6:00	3328 MW
		Max Generation :		3670 MW
		Max Demand :		4650 MW
		Shortage :		980 MW
		Load Shed :		827 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR				
Export from East grid to West grid :- Maximum	480 MW	at	24:00	Energy 9701000 KWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A.M of				
15-Jun-09				
Actual :	75.28	Ft.(MSL) ,	Rule curve :	79.68 Ft.(MSL)

Gas Consumed : Total	753.77	MMCFt.	Oil Consumed (PDB) :	SKO : 0	Liter
				HSD : 402440	Liter
				FO : 123876	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk55,711,141 Oil : Tk11,672,264 Total : Tk67,383,404

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	409 (18:30-04:30, gen. shortage)	1650	252	15%
Chittagong Area	122 (18:30-04:50, gen. shortage)	505	138	27%
Khulna Area	103 (18:30-04:10, gen. shortage)	440	120	27%
Rajshahi Area	89 (18:30-04:10, gen. shortage)	368	100	27%
Comilla Area	70 (18:30-03:40, gen. shortage)	280	76	27%
Mymensing Area	49 (18:30-03:40, gen. shortage)	224	61	27%
Sylhet Area	4 (18:30-21:15, gen. shortage)	184	5	3%
Barisal Area	17 (18:30-04:10, gen. shortage)	82	23	28%
Rangpur Area	40 (18:30-04:10, gen. shortage)	192	52	27%
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Total	903 20:00	3925	827	

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 (27/04/09)
	6) Sikalbaha St-(27/04/09)
	7) Khulna 110 (31/03/09)
	8) NEPC 1 unit is under S/D
	9) Barapukuria unit -2 (21/04/09).
	10) Raozan unit -1 (07/06/09)

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 903 MW (20:00) of load shed was imposed over the whole area of the national grid.
b) Due to gas limitation, Siddhirganj (190 MW), NEPC (95 MW), RPCL (175 MW), Raozan (180 MW), Baghabari GT-1 (71 MW) & GT-2 (100 MW) and Haripur Power Co Ltd. (360 MW) were limited to 120 MW, 55 MW, 70 MW, 140 MW, 49 MW, 54 MW and 302 MW respectively.	
c) Due to gas limitation, Shahjibazar -2, 3, 4 & 5, Haripur SBU GT-1, GT-2 & GT-3 (99 MW) were under shut down.	
d) Barapukuria unit -1 tripped at 17:57 due to tripping of boiler showing CW pump problem.	
e) Ashuganj CAPP GT-2 tripped at 18:47 due to fire system fault and was synchronized at 20:37.	
f) Baghabari GT -1(71 MW) tripped at 21:07 due to low gas pressure .	
g) After maintenance, Ghorasal unit -2 was synchronized at 03:30 (15/06/09).	
h) Purbasadiapur - Thakurgaon 132 KV line -2 & 1 were under shut down from 08:35 to 11:56 and 12:15 to 16:15 respectively due to NLDC project work. Again Purbasadiapur - Saidpur 132 KV line -2 is under shut down since 07:56 (15/06/09) due to the same reason.	
i) Sikalbaha 132/33 KV T3 and T4 transformers were under shut down from 12:40 to 13:40 due to maintenance of 33 KV isolator.	Power interruption occurred (MW) under Sikalbaha S/S areas from 12:40 to 13:40.
	Due to generation shortage and MVAR problem , about 100 MW (09:00) of load shed has been running since morning (15/06/09) 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