

POWER GRID COMPANY OF BANGLADESH LTD.
NATIONAL LOAD DESPATCH CENTER
DAILY REPORT

QF-LDC-08
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Till now the maximum generation is :-

6065.5 MWat

19:30:00 PM Hrs

Reporting Date : 18-Apr-12
on 22-Mar-12

The Summary of Yesterday's (17-Apr-12)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	4024.0	MW	Hour :	11:00	Min. Gen. at 8:00	3716	MW
Evening Peak Generation :	4695.0	MW	Hour :	21:00	Max Generation :	4825	MW
E.P. Demand (at gen end) :	5700.0	MW	Hour :	21:00	Max Demand :	5700	MW
Maximum Generation :	4703.0	MW	Hour :	23:00	Shortage :	875	MW
Total Gen. (MKWH) :	98.52	System L/ Factor :		85.41%	Load Shed :	761	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	870	MW	at 19:30	Energy	19.277	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.
Water Level of Kaptai Lake at 6:00 A M on 18-Apr-12						
Actual : 76.34	Ft.(MSL) ,	Rule curve :	84.60	Ft.(MSL)		

Gas Consumed : Total	889.64	MMCFD.	Oil Consumed (PDB) :	HSD : Liter
				FO : Liter

Cost of the Consumed Fuel (PDB+Pvt) :	Gas : Tk71,041,304	Coal : Tk11,534,688	Oil : Tk54,969,219	Total : Tk137,545,210
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Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	18:15-Till now	Estimated Demand(s/s end) from 18:15-Till now	Estimated Shedding (s/s end) MW	
Dhaka	251	18:15-Till now	1900	247	13%
Chittagong Area	106	18:15-Till now	533	91	17%
Khulna Area	122	18:15-Till now	540	92	17%
Rajshahi Area	110	18:15-Till now	590	102	17%
Cornilla Area	80	18:15-Till now	365	62	17%
Mymensing Area	62	18:15-Till now	328	57	17%
Sylhet Area	59	18:15-Till now	277	37	13%
Barisal Area	20	18:15-Till now	112	19	17%
Rangpur Area	64	18:15-Till now	313	54	17%
Total	874	21:00	4958	761	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09) 2) Ghorasal 2(26/04/10) 3) Kaptai #3 (1/12/10)	1) Ghorasal 6(18/07/10) 09) Khulna-110 MW(7/11/11) 2) Ashuganj-1(09/11/10) 10) Khulna-60 MW(24/11/12) 3) Raozan-1 (14/4/12) 11) Baghabari-100(17/4/12) 4) WMPL #2(1/8/11) 5) Baghabari-71 MW(6/3/12) 6) Siddhirganj ST 210 MW (1/8/11) 7) Ashuganj CCPP ST(9/4/12) 8) Shahjibazar #5 & 6(21/7/11)

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 low gas pressure HPL 360 MW, Siddhirganj 210 MW, Tongi 150 MW were limited to 310 MW, 82 MW and 70 MW respectively. c) Chandpur CCPP was synchronized at 08:13. d) Cox's Bazar-Dohazari 132kV Ckt-1 was under shut down from 09:11 to 11:09 due to red hot maint. e) Ghorasal #3 was under forced shut down from 09:24 to due to emergency maintenance of turbine regulator valve. f) Goalpara-Bagerhat 132kV line tripped at 09:52 from both end showing E/F relay and was switched on at 09:52. g) Bhandaria-Bagerhat 132kV line tripped at 09:52 from Bagerhat end showing E/F relay and was switched on at 10:12. h) Barisal-Bhandaria 132kV line tripped at 09:52 from Barisal end showing dist.Z2 relay and was switched on at 09:58. i) Bogra 132/33kV T2 transformer was under shut down from 10:16 to 10:24 due to red hot maint. j) Tongi-Bashundhara 132kV Ckt-1 tripped at 11:39 from Tongi end showing back up prot. E/F relay and was switched on 17:30. At the same time Tongi GT also tripped and was synchronized at 13:20. k) Siddhirganj GT-1 tripped at 12:48 and was synchronized at 14:24. l) Baghabari 100 MW tripped at 19:21 due to auxiliary failure. m) Ashuganj CCPP ST unit was synchronized at 22:44 and tripped at 07:19(18/4/12) due to excitation problem. n) Meghnath Power Ltd. GT-1 was shut down at 09:14(18/4/12) due to filter cleaning.	So about 874 MW (21:00) of load shed was imposed over the whole areas of the national grid . Power interruption occurred (about 33 MW) under Mongla, Bagerhat & Bhandaria S/S areas from 09:52 to 09:57. Power interruption occurred (about 15 MW) under Bogra S/S areas from 10:16 to 10:24. Due to generation shortage, about 612 MW (09:00) of load shed has been running since morning (18/04/12) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle