

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 : 16-May-12
on 22-Mar-12

The Summary of Yesterday's (15-May-12)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	4317.0	MW	Hour :	9:00	Min. Gen. at 7:00	3935	MW
Evening Peak Generation :	5094.0	MW	Hour :	19:30	Max Generation :	5058	MW
E.P. Demand (at gen end) :	6100.0	MW	Hour :	19:30	Max Demand :	6200	MW
Maximum Generation :	5094.0	MW	Hour :	19:30	Shortage :	1142	MW
Total Gen. (MKWH) :	104.44	System L Factor :	85.41%	Load Shed :	1023	MW	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	800	MW	at 23:00	Energy	14.790	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.
Water Level of Kaptai Lake at 6:00 A M on 16-May-12						
Actual :	75.36	Ft.(MSL) ,	Rule curve :	79.15	Ft.(MSL)	

Gas Consumed :	Total	856.57	MMCFD.	Oil Consumed (PDB) :		
				HSD :		Liter
				FO :		Liter

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk68,400,532				
	Coal :	Tk18,247,370	Oil :	Tk185,648,429	Total :	Tk272,296,332

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW		Estimated Demand(s/s end) from 16MW	Estimated Shedding (s/s end) MW	
Dhaka	252	18:30-Till now	2160	372	17%
Chittagong Area	120	18:40-Till now	608	123	20%
Khulna Area	124	18:40-Till now	610	124	20%
Rajshahi Area	142	18:40-Till now	624	127	20%
Comilla Area	72	18:40-Till now	408	83	20%
Mymensing Area	61	18:40-19:45	365	74	20%
Sylhet Area	29	18:40-21:05	300	24	8%
Barisal Area	20	18:40-Till now	125	24	19%
Rangpur Area	81	18:40-Till now	355	72	20%
Total	901	19:30	5555	1023	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	2) Ashuganj-1(09/11/10)
3) Kaptai #3 (1/12/10)	3) Khulna-60 MW(24/1/12)
4) Sikailbaha 150 MW(12/5/12)	4) Shahjibazar #5 & 6(21/7/11)
5) Sikailbaha 60 MW(18/4/12)	5) Baghabari-71 MW(6/3/12)
6) Raozan #2 (15/5/12)	6) Siddhirganj ST 210 MW (1/8/11)
	7) WMPL #1(1/5/12)
	8) Ghorasal #3(12/5/12)

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 901 MW (19:30) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure HPL 360 MW, Raozan 380 MW, Siddhirganj 210 MW and Tongi 105 MW were limited to 335 MW,180 MW, 164 MW & 95 MW respectively.	
c) Ashuganj CAPP ST unit was under forced shut down from 09:22 to 12:46 due to boiler feed pump problem.	Power interruption has been occurring (about 15 MW) under Mirpur S/S area since 12:42.
e) Mirpur 132/33 kV T1 transformer is under shut down since 12:42 due to schedule maint.	
f) Khulna @ 132/33kV T1,T2 & T3 transformers tripped at 13:32 due to Joragete-2 33kV feeder problem and were switched on at 13:40, 13:42 & 13:43 respectively.	Power interruption occurred (about 39 MW) under Khulna @ S/S area from 13:32 to 13:40.
g) Ashuganj CAPP GT-1 & ST tripped at 16:08 due to control oil pressure low and were synchronized at 18:24, 20:17 respectively.	
h) Maniknagar 132/33 kV T1 transformer tripped at 20:32 showing O/C,E/F & diff. E/F relays and is now under maintenance.	Due to generation shortage, about 293 MW (09:00) of load shed has been running since morning (16/5/12) over the whole area (except Sylhet & Mymensing) of the national grid.
i) Kabirpur-Tongi 132kV Ckt-2 tripped at 22:10 from both end showing dist.B-phase, Z1 relay at Kabirpur end & PSW, CAS, CB, CE relay at Tongi end and was switched on at 22:57.	
j) Ghorasal-Ashuganj 132kV Ckt-1 tripped at 22:34 from both showing remote prot, relay at Ghorasal end & dist.A-phase at Ashuganj end and was switched on at 22:37.	
k) Raozan #2 was shut down at 23:14 due to gas limitation.	
l) Kaptai-Hathazari 132kV Ckt-2 tripped at 03:15(16/5/12) from both end showing dist.A-phase, E/F relay at Kaptai end & E/F relay at Hathazari end and was switched on at 06:43(16/5/12).	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle