

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 :- 9479 MW

21:00 Hrs on

Reporting Date : 11-Sep-17

7-Jun-17

The Summary of Yesterday's

10-Sep-17

Generation & Demand

Today's Actual Min Gen. & Probable Gen. & Demand

Day Peak Generation : 7289.0 MW

12:00 Min. Gen. at 7:00 6181 MW

Evening Peak Generation : 8358.0 MW

21:00 Max Generation : 10025 MW

E.P. Demand (at gen end) : 8358.0 MW

21:00 Max Demand (Evening) : 9400 MW

Maximum Generation : 8358.0 MW

22:00 Reserve(Generation end) 625 MW

Total Gen. (MKWH) : 177.1

System L/ Factor : 88.29%

Load Shed : 0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum -160 MW at 10:00 Energy 7.867 MKWHR.

Import from West grid to East grid :- Maximum - MW at - Energy - MKWHR.

Water Level of Kaptai Lake at 6:00 11-Sep-17

Actual : 108.76 Ft.(MSL) , Rule curve : 101.30 Ft.( MSL )

Gas Consumed : Total 1049.73 MMCFD.

Oil Consumed (PDB) :

HSD : Liter

FO : Liter

Cost of the Consumed Fuel (PDB+)

Gas : Tk79,020,354

Coal : Tk3,710,843

Oil : Tk424,570,073

Total : Tk507,301,270

Load Shedding & Other Information

Area Yesterday

Estimated Demand (S/S end)

Today Estimated Shedding (S/S end)

Rates of Shedding (On Estimated Demand)

Dhaka 0 0:00 3266 0 0%

Chittagong Area 0 0:00 1126 0 0%

Khulna Area 0 0:00 917 0 0%

Rajshahi Area 0 0:00 874 0 0%

Comilla Area 0 0:00 868 0 0%

Mymensingh Area 0 0:00 709 0 0%

Sylhet Area 0 0:00 296 0 0%

Barisal Area 0 0:00 185 0 0%

Rangpur Area 0 0:00 537 0 0%

Total 0 8778 0

Information of the Generating Units under shut down n.

Planned Shut- Down n

Forced Shut- Down n

Nil

1) Ashuganj # 3

2) Kaptai Unit- 5

3) Khulna ST 110 MW (04/11/2014)

4) Ghorasal Unit-3,5

5) Baghabari 100 MW

6) Tongi GT

7) Chittagong Unit-1,2

8) Sikabaha ST

9) Barapukuria ST: Unit-12

10) Meghnaghat CCGP

11) Skalbaha Peaking GT

12) Santahar Peaking

Additional Information of Machines, lines, Interruption / Forced Load shed etc.

Description

Comments on Power Interruption

a) Mymensing-Netrokona 132 kV Ckt-2 w as under shut down n from 10:22 to 11:15 for red hot maintenance at B-phase B-bus loop isolator joint.

b) Bogra-Sirajganj 230 kV Ckt-1 & 2 tripped at 13:05 from both end show ing E/F, differential trip & VT Ckt fail at Bogra end and ARB, DTT2 at Sirajganj end and were switched on at 13:29.

c) Baghabari-Sirajganj 230 kV Ckt-1& 2 tripped at 13:05 from Baghabari end show ing dist trip and w ere sw About 140MW power interruption occurred under Rajshahi & Rangpur zones from 13:05 to 13:17.

d) Ishurdi-Baghabari 230 kV Ckt-1 tripped at 13:05 from Ishurdi end show ing dist Z1 and w as switched on at 13:19. At the same time follow ing machines also tripped

Machines Name	Load(MW)	Syn: time	Remarks
Sirajganj CCGP 1	224	GT-15:18 & ST-18:56	4 MW shortage of generation occurred under west
Barapukuria ST: Unit-1	72	.....	
Chapainawabganj Phase-1	52	15:15	
Rajshahi 52 MW	40	13:47	
Amnura	50	13:45	
Katakhali (Northern)	50	13:40	
Bogra (GBB)	20	13:17	
Bogra (Energyprime)	6	14:10	
Total= 514 MW			

e) Comilla(N) 132/33 kV T3 transformer tripped at 20:46 show ing restricted E/F.

f) Maniknagar-Narinda 132 kV Ckt-1 tripped at 21:58 from Maniknagar end show ing pilot wire protection & n About 70 MW power interruption occurred under Narinda S/S areas and w as sw itched on at 23:50. from 21:58 to 23:50.

g) Maniknagar-Narinda 132 kV Ckt-2 tripped at 22:05 from Maniknagar end show ing pilot wire protection & main protection operated and w as sw itched on at 22:26.

h) After maintenance Ashuganj Unit-4 w as synchronized at 22:35.

i) Chandpur CCGP 150 MW ST w as shut down n at 23:02 due to oil leakage from damper.

j) Meghnaghat CCGP 450 MW ST & GT-1 & 2 w ere shut down n at 00:16 & 00:22(11/09/2017) respectively for minor inspection.

k) After maintenance Barapukuria ST: Unit-1 w as synchronized at 02:41(11/09/2017).

l) After maintenance Ashuganj ST: Unit-2 w as synchronized at 06:10.

m) Jamalpur 132/33 kV T2 transformer w as shut down n since 06:05(11/09/2017) for development w ork. About 5 MW power interruption occurred under Jamalpur S/S areas from 06:05(11/09/2017) to till now.

n) Ashuganj CCGP (S) ST w as shut down n at 07:12(11/09/2017) for problem w ith travelling band screen.

Sub Divisional Engineer

Executive Engineer

Superintendent Engineer

Network Operation Division

Network Operation Division

Load Dispatch Circle