

POWER GRID COMPANY OF BANGLADESH LTD.

NATIONAL LOAD DESPATCH CENTER

DAILY REPORT

QF-LDC-08

Page -1

Till now the maximum generation is :-

14782.0

21:00 Hrs on 16-Apr-22

Reporting Date : 25-Sep-22

The Summary of Yesterday's

24-Sep-22

Generation & Demand

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

Day Peak Generation : 11098.0 MW

Hour : 12:00

Min. Gen. at 7:00

10810 MW

Evening Peak Generation : 12888.0 MW

Hour : 21:00

Available Max Generation : 13016 MW

E.P. Demand (at gen end) : 13651.0 MW

Hour : 21:00

Max Demand (Evening) : 14000 MW

Maximum Generation : 12964.0 MW

Hour : 22:00

Reserve(Generation end) : - MW

Total Gen. (MKWH) : 283.7

System Load Factor : 91.17%

Load Shed : 890 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum

1230 MW at 3:00

Energy MKWHR.

Import from West grid to East grid :- Maximum

- MW at -

Energy - MKWHR.

Level of Kaptai Lake at 6:00 A.M on 25-Sep-22

Actual : 96.84 Ft.(MSL) , Rule curve : 104.56 Ft.(MSL )

Gas Consumed : Total = 952.94 MMCFD.

Oil Consumed (PDB) :

HSD : Liter

FO : Liter

Cost of the Consumed Fuel (PDB+Pv Gas : Tk138,438,568

Coal : Tk274,590,304

Oil : Tk1,406,759,610

Total : Tk1,819,788,482

Load Shedding & Other information

Area Yesterday Estimated Demand (S/S end) Today Estimated Shedding (S/S end) Rates of Shedding (On Estimated Demand)

MW MW MW

Dhaka 142 0:00 4387 220 5%

Chittagong Area 0 0:00 1243 100 8%

Khulna Area 177 0:00 1640 135 8%

Rajshahi Area 134 0:00 1455 120 8%

Cumilla Area 0 0:00 1239 105 8%

Mymensingh Area 142 0:00 1023 100 10%

Sylhet Area 0 0:00 457 35 8%

Barisal Area 0 0:00 373 0 0%

Rangpur Area 108 0:00 808 75 9%

Total 703 12626 890

Information of the Generating Units under shut down.

Planned Shut- Down Forced Shut- Down

1) Barapukuria ST: Unit-2

2) Ghorasal-3

3) Ashuganj-5

4) Baghabari-71,100 MW

5) Raozan unit-1&2

6) Siddhirganj 210 MW .

7) Shajibazar 330 MW

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

a) Haripur 412 MW CCPP STG was shut down at 11:32 due to GBC problem.

b) Siddhirganj 335 MW GT was synchronized at 09:51 and STG was synchronized at 13:33.

c) Chandpur 132/33 kV T-2 transformer was under shut down from 11:06 to 13:19 for C/m.

d) Khagrachari-Rangamati 132 kV Ckt-1 was under shut down from 09:45 to 17:25 for A/M.

e) Hathazari-Baroaulia 132 kV Ckt-1 tripped at 10:58 showing Dist. C,E/F at Hathazari end and Dist. B,Ground at Baroaulia end and was switched on at 11:24.

f) Sholoshahar 132/33 kV T-2 transformer was under shut down from 10:36 to 13:59 for C/M.

g) Ullon-Dhanmondi 132 kV Ckt-1 was under shut down from 09:30 to 21:58 for C/M by DPDC.

h) Hathazari-Raozan 230 kV both Ckts were under shut down from 08:21 to 18:35 for D/W.

i) Chandraghona 132/33 kV T-1 & T-2 transformers tripped at 08:51 from 33 kV side due to 33 kV Kaptai feeder fault and were switched on at 09:37.

j) Rampura-Ullon 132 kV Ckt-1 was under shut down from 09:05 to 21:18 for C/M by DPDC.

k) Tongi-Kodda 300 MW 230 kV Ckt was under shut down from 08:52 to 14:23 for C/M.

l) Bibiyana 400/230 kV ICT-1 transformer was under shut down from 08:31 to 21:28 for C/M.

m) Comilla(N) 230/132 kV T01 transformer tripped at 13:04 showing winding temperature,Differential relay and was switched on at 14:42.

n) Sikalbaha 225 MW GT was synchronized at 14:51.

o) Baroirhat-Hathazari 132 kV Ckt-1 was under shut down from 15:38 to 16:59 for C/M.

p) Haripur 412 MW CCPP GT was shut down at 18:45 due to gas shortage.

q) Bhola CCPP ST tripped at 00:58(25/9/2022) and was synchronized at 04:22.

r) Hathazari-Kaptai 132 kV Ckt-1 tripped at 03:37(25/9/2022) from both ends showing Dist. Z1,3-φ at Hathazari end and Dist.R,E/F relay at Kaptai end and was switched on at 04:00.

s) Hathazari-Kaptai 132 kV Ckt-2 tripped at 03:37(25/9/2022) from both ends showing Dist. Z1,Z2,3-φ at Hathazari end and Dist.R/F relay at Kaptai end and was switched on at 04:02.

t) Chandraghona-Rangamati 132 kV Ckt-1 tripped at 03:51(25/9/2022) from Chandraghona end showing Gen. trip,Dist.Z1,E/F,SOTF and was switched on at 06:33.

u) Chandraghona-Madunaghat 132 kV Ckt-2 tripped at 03:38(25/9/2022) from Chandraghona end showing Dist.Z1,R at Chandraghona end.

v) Purbasadipur 132/33 kV T-1 transformer was under shut down from 06:23(25/9/2022) to 10:48 for C/M.

w) Niamatpur 132/33 kV T-2 transformer was shut down at 06:28(25/9/2022) for D/W.

About 22 MW power interruption occurred under Chandraghona S/S area from 08:51 to 09:37.

About 40 MW power interruption occurred under Purbasadipur S/S area from 06:23(25/9/2022) to 10:48

Sub Divisional Engineer

Network Operation Division

Executive Engineer

Network Operation Division

Superintendent Engineer

Load Despatch Circle