

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 :- 9036 MW

21:00

Hrs on 30-Jun-16

Reporting Date : 6-Mar-17

The Summary of Yesterday 5-Mar-17

Generation & Demand

Day Peak Generation : 6835.0 MW

Hour : 12:00

Min. Gen. at 5:00 4197 MW

Evening Peak Generation : 7488.0 MW

Hour : 19:00

Max Generation : 9249 MW

E.P. Demand (at gen end) : 7488.0 MW

Hour : 19:00

Max Demand (Evening) : 8200 MW

Maximum Generation : 7488.0 MW

Hour : 19:00

Reserve (Generation end) 1049 MW

Total Gen. (MKWH) : 154.3

System L/ Factor : 85.88%

Load Shed : 0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum -190 MW at 4:00 Energy 7.867 MKWHR.

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

Water Level of Kaptai Lake at 6-Mar-17

Actual : 92.54 Ft.(MSL) , Rule curve : 92.20 Ft.(MSL)

Gas Consumed : Total 882.48 MMCFD.

Oil Consumed (FDB) :

HSD : Liter

FO : Liter

Cost of the Consumed Fuel (F

Gas : Tk63,581,182

Coal : Tk14,687,135

Oil : Tk312,170,423

Total : Tk390,438,741

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 0 0:00 3083 - -

Chittagong Area 0 0:00 862 - -

Khulna Area 0 0:00 869 - -

Rajshahi Area 0 0:00 841 - -

Comilla Area 0 0:00 636 - -

Mymensingh Area 0 0:00 484 - -

Sylhet Area 0 0:00 307 - -

Barisal Area 0 0:00 169 - -

Rangpur Area 0 0:00 470 - -

Total 0 7721 0

Information of the Generating Units under shut down.

Planned Shut- Down

Nil

Forced Shut- Down

1) Ghorasal ST: Unit-6 (18/07/2016) 10) Baghabari-71 MW

2) Kaptai Unit-2 & 5 11) Sikalbaha ST

3) Ashuganj ST: Unit- 1,2 & 3 12) Sikalbaha Peaking GT

4) Khulna ST 110 MW (04/11/2014 13) Ghorasal ST: Unit-3

5) Ghorasal Unit-2,5

6) Baghabari 100 MW

7) Haripur SBU GT- 1,3

8) Chittagong Unit- 2

9)Thakurgaon (RZ)

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

Description

Comments on Power Interruption

a) Ashuganj-225 MW GT & ST were shut down n at 08:21 and GT was synchronized at 09:31.

b) Sikalbaha-60 MW ST was shut down n at 10:30 for gas shortage.

c) Madaripur 132/33 kV T-3 transformer w as shut down n from 10:52 to 11:58 for red hot maint.at 33 kV end.

d) Khuha(S)-Gallamari 132 kV Ckt-1 w as shut down n from 11:43 to 17:15 for painting work at Gallamari end.

e) Ghorasal #3 was forced shut down n at 12:29 due to boiler tube leakage.

f) Gallamari 132/33 kV T-2 transformer w as forced shut down n from 11:49 to 13:00 for 33 kV DS maintenance.

g) Ashuganj 132 kV Bus-2 w as shut down n from 13:55 to 17:07 for maintenance work.

h) Ashuganj-Shahjibazar 132 kV Ckt-3 w as shut dow n from 13:21 to 17:16 for red hot maint.at Ashuganj end.

i) Shahjibazar-330 MW GT-1 tripped at at 15:01 show ing transfer valve fault and w as synchronized at 17:54.

j) Ashuganj North GT w as synchronized at 15:07 and w as shut down n at 20:45.

k) Haripur-Rampura 132 kV Ckt-2 tripped at 15:05 show ing dist.A-N,Z1 and w as sw itched on at 15:13.

l) Hasnabad 132/33 kV T-1 & T-5 transformers tripped at 16:42 show ing DEF and associated 33 kV Bus section tripped due to flashing 33 kV Lalbagh feeder and w as sw itched on at 17:04.

m) Tongi-Mirpur 132 kV Ckt tripped at 19:01 show ing AB,Z1 at Tongi end and w as sw itched on at 19:23.

n) Tongi-Bashundhara 132 kV Ckt-1 tripped at 19:14 show ing C-phase Z2,O/C at Tongi end & dist.BC-N,Z1 at Bashundhara end.

o) Ashuganj-comilla(N) 132 kV Ckt-1 tripped at 21:55 show ing E/F relay from both end and w as sw itched on at 22:20.

p) Daudkandi-Sonargaon 132 kV Ckt-1 tripped at 23:06 show ing dist.Z1 & E/F relay and w as sw itched on at 23:13.

q) Haripur-Matuaill 132 kV Ckt tripped at 23:02 show ing dist.A-phase Z1,E/F relay and w as sw itched on at 23:28.

r) Munsiganj-Katpotti 132 kV Ckt tripped at 23:09 show ing differential relay.

s) Comilla(S)-Tripura 132 kv Ckt-2 tripped t 21:53 show ing DTT,dist.ABC and w as sw itched on at 23:18.

t) Comilla 132/33 kV T-1 & T-2 transformer tripped at show ing O/C relay and w as sw itched on at 22:22.

u) Joydevpur 132/33 kV T-3 transformer tripped at 01:14(6/3/17) show ing main & back up protection trip and w as sw itched on at 01:16(6/3/7).

v) Mymensing 132/33 kV T-1 & T-2 transformers tripped at 02:48(6/3/17) show ing E/F relay and w as sw itched on at 03:24(6/3/17).

w) Hathazari-Baraulia 132 kV Ckt-2 tripped at 05:43(6/3/17) show ing dist.A,E/F,R-phase START.

x) Hathazari-Baraulia 132 kV Ckt-1 tripped at 06:07(6/3/17) show ing dist.A,E/F and w as sw itched on at 06:50(6/3/17)

y) Hathazari-AKSML 230 kV Ckt tripped at 05:43(6/3/17) show ing D3p,RE2,START line-1 and w as sw itched on at 07:52(6/3/17).

z) Hathazari 230/132 kV MT-1,MT-2,MT-3 & MT-4 transformers tripped at 06:07(6/3/17) show ing 11TS,1DY,11GL for MT-1 & MT-2, E/F for MT-3 & O/C,E/F for MT-4 and MT-2,MT-3 w ere sw itched on at 06:46(6/3/17),MT-1 w as sw itched on at 07:10(6/3/17) & MT-4 w as sw itched on at 08:02(6/3/17).At the same time Sikalbaha-55 MW Jukda-100 MW,Patenga-50 MW,ECPV-100 MW,Malanchara & Kaptai-1 & 4 also tripped and w ere synchronized at 08:42,07:18,07:59,07:39, 09:44 ,07:15 & 07:35 respectively.

aa) Ashuganj 450 MW (South) tripped at 06:07(6/3/17) show ing high frequency.

ab) Hathazari-Feni 132 kV Ckt-1 & 2 tripped at 06:07(6/3/17) show ing E/F & O/C relays and w ere sw itched on at 06:40 & 06:59(6/3/17) respectively.

Sub Divisional Engineer

Executive Engineer

Superintendent Engineer

Network Operation Division

Network Operation Division

Load Dispatch Circle