

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

QF-LDC-08
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Reporting Date : 17-Mar-22

Till now the maximum generation is : - **13792.0** 20:00 Hrs on 27-Apr-21

| The Summary of Yesterday's | | 16-Mar-22 | | Generation & Demand | | Today's Actual Min Gen. & Probable Gen. & Demand | |
|----------------------------|------------|----------------------|--------|--------------------------|------|--|--|
| Day Peak Generation : | 11132.0 MW | Hour : | 12:00 | Min. Gen. at | 6:00 | 9296 MW | |
| Evening Peak Generation : | 12631.0 MW | Hour : | 19:30 | Available Max Generation | | 13674 MW | |
| E.P. Demand (at gen end) : | 12631.0 MW | Hour : | 19:30 | Max Demand (Evening) : | | 12400 MW | |
| Maximum Generation : | 12631.0 MW | Hour : | 19:30 | Reserve(Generation end) | | 1274 MW | |
| Total Gen. (MKWH) : | 261.1 | System Load Factor : | 86.12% | Load Shed : | | 0 MW | |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | | |
|---|-----------|------------|----|--------------|--------|------------|
| Export from East grid to West grid :- Maximum | | -434 MW | at | 7:00 | Energy | MKWHR. |
| Import from West grid to East grid :- Maximum | | | at | - | Energy | - MKWHR. |
| Level of Kaptai Lake at 6:00 A M on | 17-Mar-22 | | | | | |
| Actual : | 88.39 | Ft.(MSL) : | | Rule curve : | 90.60 | Ft.(MSL) |

| | | | | | | |
|----------------------------------|---------|---------------|--------|----------------------|---------------|-----------------------|
| Gas Consumed : | Total = | 987.17 | MMCFD. | Oil Consumed (PDB) : | | |
| | | | | HSD : | | Liter |
| | | | | FO : | | Liter |
| Cost of the Consumed Fuel (PDB+F | Gas : | Tk121,892,949 | | Oil : | Tk749,571,082 | Total : Tk960,282,735 |
| | Coal : | Tk88,818,705 | | | | |

Load Shedding & Other Information

| Area | Yesterday | | Estimated Demand (S/S end) | Today | | Rates of Shedding (On Estimated Demand) |
|-----------------|-----------|------|----------------------------|----------|------------------------------|---|
| | MW | | | MW | Estimated Shedding (S/S end) | |
| Dhaka | 0 | 0:00 | 4426 | 0 | 0% | |
| Chittagong Area | 0 | 0:00 | 1508 | 0 | 0% | |
| Khulna Area | 0 | 0:00 | 1352 | 0 | 0% | |
| Rajshahi Area | 0 | 0:00 | 1222 | 0 | 0% | |
| Cumilla Area | 0 | 0:00 | 1104 | 0 | 0% | |
| Mymensingh Area | 0 | 0:00 | 891 | 0 | 0% | |
| Sylhet Area | 0 | 0:00 | 494 | 0 | 0% | |
| Barisal Area | 0 | 0:00 | 229 | 0 | 0% | |
| Rangpur Area | 0 | 0:00 | 687 | 0 | 0% | |
| Total | 0 | | 11914 | 0 | | |

Information of the Generating Units under shut down.

| Planned Shut- Down | Forced Shut-Down |
|--------------------|--|
| | 1) Barapukuria ST: Unit-2 2) Ghorasal-3,4,5 3) Ashuganj-4,5 4) Baghabari-71 MW & 100 MW 5) Raozan unit- 1,2 6) Sirajganj Unit 1,4 7) Siddhirganj 210 MW . 8) Kushiara 163 MW. |

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

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| <p>a) Siddhirganj 230/132 kV T-02 transformer was under shut down from 08:48 to 16:40 for A/M.</p> <p>b) Dhamrai 132/33 kV T-1 transformer was under shut down from 08:35 to 12:27 for C/M.</p> <p>c) Ashuganj-Shahjibazar 132 kV Ckt was under shut down from 09:22 to 17:27 for A/M.</p> <p>d) Kodda-Rajendrapur 132 kV Ckt-1 was under shut down from 09:37 to 15:17 for D/W.</p> <p>e) Barapukuria 230/132 kV T-01 transformer was under shut down from 09:00 to 11:40 for C/M.</p> <p>f) Noapara 132/33 kV T-1 transformer was under shut down from 08:41 to 09:01 for D/W.</p> <p>g) Noapara 132/33 kV T-2 transformer was under shut down from 08:41 to for D/W.</p> <p>h) Ghorasal 230 kV Bus was under shut down from 11:02 to 16:30 due to red hot maintenance at 33 kV end.</p> <p>i) Bholu 225 MW was shut down at 12:14 due to Payra unit-1 was synchronized.</p> <p>j) Shahjadpur-Sirajganj 132 kV Ckt tripped at 11:18 from both end showing Dist. Z1, ABC phase relay and was switched on at 11:39.</p> <p>k) Khulna 225 MW ST was synchronized at 10:23.</p> <p>l) Payra unit-1 was synchronized at 11:45.</p> <p>m) Aminbazar-Kalyanpur 132 kV Ckt-1 was under shut down from 11:56 to 17:09 for C/M.</p> <p>n) Amnura 132/33 kV T1 transformer was under shut down from 11:58 to 15:15 due to oil leakage maintenance.</p> <p>o) Ghorasal unit-4 was synchronized at 12:08.</p> <p>p) Chattak 132/33 kV T-3 transformer was under shut down from 09:00 to for C/M.</p> <p>q) Saidpur-Rangpur 132 kV Ckt-1 & 2 tripped at 12:42 from Saidpur end showing Dist. Z3, P,Y,B-phase relay and was switched on at 13:31.</p> <p>r) Barapukuria-Rangpur 132 kV Ckt-1 & 2 tripped at 12:42 from Barapukuria end showing Dist. Z2, P,Y, B-phase relay and was switched on at 13:07.</p> <p>s) Confidence Rangpur-Rangpur 132 kV Ckt-1 & 2 tripped at 12:42 from Confidence Rangpur end showing cloud block operated and was switched on at 13:43.</p> <p>t) Rangpur S/S-Rangpur GT 132 kV Ckt was under shut down from 16:28 to for C/M.</p> <p>u) Ashuganj(S) ST was synchronized at 16:31.</p> <p>v) Madaripur 132/33 kV T1, T2 transformers tripped at 04:31(17-03-2022) due to 33 kV Madaripur feeder fault and was switched on at 05:17(17-03-2022).</p> <p>w) Ashuganj-Ghorasal 132 kV Ckt-1 tripped at 05:24(17-03-2022) from both end showing Dist. C-phase relays.</p> <p>x) Payra 400/132 kV T02 transformer was switched on at 23:12.</p> | <p>About 173 MW power interruption occurred under Rangpur, Lalmonirhat & Kurigram S/S area from 12:42 to 13:07.</p> <p>About 50 MW power interruption occurred under Madaripur S/S area from 04:31 to 05:17.</p> |
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Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle