

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

QF-LDC-08  
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Reporting Date : 22-Dec-21

Till now the maximum generation is :-

**13792.0**

**20:00 Hrs on 27-Apr-21**

| The Summary of Yesterday's |           | 21-Dec-21            |        | Generation & Demand        |      | Today's Actual Min Gen. & Probable Gen. & Demand |  |
|----------------------------|-----------|----------------------|--------|----------------------------|------|--|--|
| Day Peak Generation :      | 7803.0 MW | Hour :               | 12:00  | Min. Gen. at               | 5:00 | 5832 MW  |  |
| Evening Peak Generation :  | 9336.0 MW | Hour :               | 19:00  | Available Max Generation : |      | 13080 MW   |  |
| E.P. Demand (at gen end) : | 9336.0 MW | Hour :               | 19:00  | Max Demand (Evening) :     |      | 9500 MW  |  |
| Maximum Generation :       | 9336.0 MW | Hour :               | 19:00  | Reserve(Generation end)    |      | 3580 MW  |  |
| Total Gen. (MKWH) :        | 182.7     | System Load Factor : | 81.53% | Load Shed :                |      | 0 MW   |  |

| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR |         |       |          |
|--|---------|-------|----------|
| Export from East grid to West grid :-            | Maximum | 40 MW | at 13:00 |
| Import from West grid to East grid :-            | Maximum | MW    | at -     |

|   |           |              |        |            |
|---|-----------|--------------|--------|------------|
| Water Level of Kaptai Lake at 6:00 A M on | 22-Dec-21 | Rule curve : | 104.00 | Ft.( MSL ) |
| Actual :                                  | 99.64     | Ft.(MSL) ,   |        |            |

|                |         |               |                      |       |
|----------------|---------|---------------|----------------------|-------|
| Gas Consumed : | Total = | 853.84 MMCFD. | Oil Consumed (PDB) : |       |
|                |         |               | HSD :                | Liter |
|                |         |               | FO :                 | Liter |

|                                       |        |               |       |               |         |               |
|---------------------------------------|--------|---------------|-------|---------------|---------|---------------|
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas :  | Tk110,225,754 | Oil : | Tk287,620,891 | Total : | Tk468,528,678 |
|                                       | Coal : | Tk70,682,033  |       |               |         |               |

**Load Shedding & Other Information**

| Area            | Yesterday |                            | Today       |                              | Rates of Shedding (On Estimated Demand) |
|-----------------|-----------|----------------------------|-------------|------------------------------|---|
|                 | MW        | Estimated Demand (S/S end) | MW          | Estimated Shedding (S/S end) |   |
| Dhaka           | 0         | 0:00                       | 3408        | 0                            | 0%                                      |
| Chittagong Area | 0         | 0:00                       | 1155        | 0                            | 0%                                      |
| Khulna Area     | 0         | 0:00                       | 1034        | 0                            | 0%                                      |
| Rajshahi Area   | 0         | 0:00                       | 934         | 0                            | 0%                                      |
| Cumilla Area    | 0         | 0:00                       | 844         | 0                            | 0%                                      |
| Mymensingh Area | 0         | 0:00                       | 681         | 0                            | 0%                                      |
| Sylhet Area     | 0         | 0:00                       | 386         | 0                            | 0%                                      |
| Barisal Area    | 0         | 0:00                       | 176         | 0                            | 0%                                      |
| Rangpur Area    | 0         | 0:00                       | 526         | 0                            | 0%                                      |
| <b>Total</b>    | <b>0</b>  | <b>0:00</b>                | <b>9145</b> | <b>0</b>                     | <b>0%</b>                               |

Information of the Generating Units under shut down.

| Planned Shut-Down | Forced Shut-Down   |
|-------------------|--|
|                   | 1) Barapukuria ST: Unit-2<br>2) Ghorasal-3,5<br>3) Ashuganj-3,4,<br>4) Baghabani-71 MW & 100 MW<br>5) Shajibazar 330 MW<br>6) Raozan unit-1 & 2<br>7) Sirajganj Unit 1 & 2<br>8) Summit Bibiyana-2,3<br>9) Haripur 412 MW EGCB |

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

- a) Ashuganj-Kishorganj 132 kV Ckt-1 was under shut down from 08:58 to 16:12 for A/M.
- b) Chandpur 132/33 kV T-1 transformer was under shut down from 08:36 to 18:16 for A/M.
- c) Dohazari-Sikalbaha 132 kV Ckt-2 was under shut down from 09:16 to 17:07 for A/M.
- d) Ghorasal-Ishurdi 230 kV Ckt-1 was under shut down from 08:22 to 16:54 for A/M.
- e) GPH-BSRM 230 kV Ckt was under shut down from 09:20 to 16:30 for A/M.
- f) Halishahar-Khulsi 132 kV Ckt-3 was under shut down from 08:19 to 16:06 for A/M.
- g) Haripur-HPL 230 kV Ckt-2 was under shut down from 09:51 to 14:03 for C/M.
- h) Haripur-Siddirganj 230 kV Ckt-1 was under shut down from 08:28 to 14:07 for A/M.
- i) Hasnabad 230/132 kV T-3 transformer was under shut down from 08:32 to 16:55 for A/M.
- j) Joydevpur 132/33 kV T-4 transformer was under shut down from 09:37 to 10:56 for A/M.
- k) Kabirpur-Kaliakoir 132 kV Ckt-2 was under shut down from 09:07 to 14:47 for A/M.
- l) Megnaghat-Cumilla(N) 230 kV Ckt-2 was under shut down from 09:27 to 16:00 for A/M.
- m) Mirpur-Aminbazar 132 kV Ckt-2 was under shut down from 08:48 to 16:25 for A/M.
- n) Mymensingh-Bhaluka 132 kV Ckt-1 was under shut down from 08:51 to 16:01 for A/M.
- o) Rajshahi-HVDC Bheramara 132 kV Ckt-1 was switched on at 08:55.
- p) Rampura-Gulshan 132 kV Ckt-1 was under shut down from 08:22 to 15:52 for A/M.
- q) Srimongal-Shajibazar 132 kV Ckt-1 was under shut down from 08:42 to 16:23 for A/M.
- r) Sylhet-Chatak 132 kV Ckt-1 was under shut down from 08:58 to 16:12 for A/M.
- s) Tangail-Mymensing 132 kV Ckt-1 was under shut down from 08:20 to 16:57 for A/M.
- t) Maniknagar-Narinda 132 kV Ckt-1 was under shut down from 10:02 to 19:18 for A/M.
- u) Bogura(N)-Bogura Confidence-1 132 kV Ckt was under shut down from 09:45 to 15:45 for D/W.
- v) Mirpur 132/33 kV T-1 transformer was under shut down from 10:18 to 16:42 for C/M.
- w) Khulna@NWPGL 132 kV Ckt-1 was under shut down from 09:35 to 11:40 for C/M.
- x) Rangpur-Barapukuria 132 kV Ckt-2 was under shut down from 09:52 to 15:35 for C/M.
- y) Saidpur-Purbasadipur 132 kV Ckt-2 was under shut down from 08:25 to 16:35 for A/M.
- z) Bogura-Natore 132 kV Ckt-2 was under shut down from 08:03 to 16:25 for A/M.
- aa) Khulna(S)-Gollamari 132 kV Ckt-1 was under shut down from 08:37 to 16:16 for A/M.
- ab) Noapara-Jashore 132 kV Ckt-1 was under shut down from 08:28 to 14:45 for A/M.
- ac) Joydevpur 132/33 kV T-3 transformer was under shut down from 11:23 to 22:56 for A/M.
- ad) Bholo-225 MW CCPP GT-2 & ST tripped at 11:58 due to problem with air flow system and GT-2 was sync at 18:27.
- ae) Barapukuria #3 was synchronized at 14:04.
- af) Ghorasal #4 was synchronized at 11:47.
- ag) Khulna@NWPGL 132 kV Ckt-2 was under shut down from 11:40 to 12:35 for A/M.
- ah) Madaripur-Shariatpur 132 kV Ckt-2 was under shut down from 11:52 to 13:54 for C/M.
- ai) Bheramara GK 132/33 kV T-1 transformer was under shut down from 14:12 to 16:16 for C/M.
- aj) Cumilla(S) 132/33 kV T-2 transformer tripped at 17:00 showing O/C relay and was switched on at 17:19.
- ak) Cumilla(S) 132/33 kV T-4 transformer was under shut down at 18:23 to 19:18 due to red hot maintenance.
- al) Hasnabad 132/33 kV T-1 transformer was under shut down from 17:44 to 18:31 due to red hot maintenance at HT CT B-phase.
- am) Jhenaidah old-Jhenaidah new 132 kV Ckt-2 tripped at 16:35 showing dist.3-phase and was switched on at 16:16.
- an) Haripur 230 kV Bus-1 tripped at 07:26(22/12/21) showing 86B,lockout and was switched on at 09:37(22/12/21).
- ao) Haripur-Bhuita 230 kV Ckt-1 & 2 tripped at 07:27(22/12/21) showing dist.Z1,C-phase due to tripping of mid breaker at Haripur 230 kV bus-1 and were switched on at 08:02 & 07:57(22/12/21) respectively.
- ap) Tangail-Mymensingh RPCL 132 kV Ckt-1 is under shut down since 07:52(22/12/21) for A/M.
- aq) Bhuita 400/230 kV T-1 transformer tripped at 07:26(22/12/21) operating differential relay.

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle