

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

QF-LDC-08  
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|   |            |   |
|---|------------|---|
| <b>Till now the maximum generation is :-</b> <b>14782.0</b> <b>21:00 Hrs on 16-Apr-22</b> |            | Reporting Date : 21-Sep-22                                      |
| <b>The Summary of Yesterday's</b> 20-Sep-22 <b>Generation &amp; Demand</b>                |            | <b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b> |
| Day Peak Generation :   | 11336.0 MW | Hour : 11:00  |
| Evening Peak Generation :   | 13575.0 MW | Hour : 20:00  |
| E.P. Demand (at gen end) :  | 14031.0 MW | Hour : 20:00  |
| Maximum Generation :  | 13575.0 MW | Hour : 20:00  |
| Total Gen. (MKWH) :   | 287.3      | System Load Factor : 88.18%                                     |
|   |            | Min. Gen. at 8:00   |
|   |            | Available Max Generation : 13979 MW                             |
|   |            | Max Demand (Evening) : 14200 MW                                 |
|   |            | Reserve(Generation end) : - MW                                  |
|   |            | Load Shed : 204 MW  |

|   |                |                  |                 |          |
|---|----------------|------------------|-----------------|----------|
| <b>EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR</b> |                | 1200 MW at 18:30 | Energy          | MKWHR.   |
| Export from East grid to West grid :-                   | Maximum        |                  |                 |          |
| Import from West grid to East grid :-                   | Maximum        |                  | Energy          | - MKWHR. |
| Level of Kaptai Lake at 6:00 A.M on                     | 21-Sep-22      |                  |                 |          |
| Actual :  | 96.98 Ft.(MSL) | Rule curve :     | 103.60 Ft.(MSL) |          |

|                                  |                        |                      |                       |         |                 |       |
|----------------------------------|------------------------|----------------------|-----------------------|---------|-----------------|-------|
| Gas Consumed :                   | Total = 1027.24 MMCFD. | Oil Consumed (PDB) : |                       | HSD :   |                 | Liter |
|                                  |                        |                      |                       | FO :    |                 | Liter |
| Cost of the Consumed Fuel (PDB+) | Gas : Tk147,223,270    | Coal : Tk258,247,894 | Oil : Tk1,351,468,506 | Total : | Tk1,756,939,671 |       |

**Load Shedding & Other Information**

| Area            | Yesterday  |      | Estimated Demand (S/S end) |  | Today      |  | Rates of Shedding (On Estimated Demand) |
|-----------------|------------|------|----------------------------|--|------------|--|---|
|                 | MW         |      | MW                         |  | MW         |  |   |
| Dhaka           | 75         | 0.00 | 4547                       |  | 55         |  | 1%                                      |
| Chittagong Area | 0          | 0.00 | 1288                       |  | 0          |  | 0%                                      |
| Khulna Area     | 0          | 0.00 | 1700                       |  | 15         |  | 1%                                      |
| Rajshahi Area   | 0          | 0.00 | 1508                       |  | 29         |  | 2%                                      |
| Cumilla Area    | 40         | 0.00 | 1284                       |  | 20         |  | 2%                                      |
| Mymensingh Area | 222        | 0.00 | 1061                       |  | 60         |  | 6%                                      |
| Sylhet Area     | 83         | 0.00 | 474                        |  | 0          |  | 0%                                      |
| Barisal Area    | 0          | 0.00 | 387                        |  | 0          |  | 0%                                      |
| Rangpur Area    | 0          | 0.00 | 838                        |  | 25         |  | 3%                                      |
| <b>Total</b>    | <b>420</b> |      | <b>13086</b>               |  | <b>204</b> |  |   |

Information of the Generating Units under shut down.

| Planned Shut- Down | Forced Shut- Down  |
|--------------------|--|
|                    | 1) Barapukuria ST: Unit-2<br>2) Ghorasal-3,<br>3) Ashuganj-5<br>4) Baghabari-71,100 MW<br>5) Raozan unit-1&2<br>6) Siddhirganj 210 MW .<br>7) Shahjibazar 330 MW |

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

|   |  |
|---|--|
| a) Ramganj 132/33 kV T-2 transformer was under shut down from 08:08 to 10:01 due to R/H maintenance.<br>b) Barooulia SASM 132/33 kV transformer tripped at 08:05 showing O/C, PT fail at 33 kV side and was switched on at 08:49 and again tripped at 09:06.<br>c) Madanganj 132/33 kV T-1 transformer was under shutdown from 09:57 to 14:12 for protection test.<br>d) Ashuganj-Sirajganj 230 kV Ckt-1 was under shut down from 11:59 to 19:50 for emergency bamboo trimming.<br>e) Khulna(S)-Rampal 230 kV Ckt-1 was under shut down from 10:15 to 11:28 for C/M.<br>f) Khulna(S)-Khulna 330 MW P.P. 230 kV Ckt was under shut down from 10:59 to 12:39 for protection test.<br>g) HVDC 20DF24 filter was under shutdown from 10:14 to 11:08 for emergency maintenance.<br>h) HVDC 400 kV Bus reactor was under shutdown from 11:19 to 12:52 for emergency maintenance.<br>i) Kishoreganj 132/33 kV T-2 transformer was under shut down from 15:39 to 16:40 due to R/H maintenance by PDB.<br>j) Sreenagar 132/33 kV T-1 transformer was under shut down from 15:51 to 17:03 due to R/H maintenance by PBS.<br>k) Chandpur 132/33 kV T-5 transformer was under shut down from 15:01 to 17:02 due to C/M.<br>l) Kabirpur 132/33 kV T-1 transformer was under shut down from 14:38 to 14:57 due to R/H maintenance by PBS.<br>m) Kabirpur 132/33 kV T-3 transformer was under shut down from 14:36 to 16:05 due to R/H maintenance by PBS.<br>n) Magura 132/33 kV T-2 transformer was under shut down from 16:26 to 17:46 for D/W.<br>o) Magura 132/33 kV T-1 transformer was under shut down from 13:37 to 14:53 for D/W.<br>p) Magura-Jhenaidah 132 kV Ckt-1 was under shut down from 15:03 to 17:04 for D/W.<br>q) Ghorashal unit-5 was synchronized at 17:02.<br>r) Agargaon-Aminbazar 230 kV Ckt-1 was shutdown at 05:22(21/09/2022) for D/W.<br>s) Agargaon-Satmosjid 132 kV Ckt-1 was shutdown at 05:48(21/09/2022) for D/W.<br>t) Kodda 132/33 kV T-3 transformer was under shut down from 05:58(21/09/2022) to 07:36(21/09/2022) due to R/H maintenance.<br>u) Chattak 132 kV Bus-B was shutdown at 06:50(21/09/2022) for C/M.<br>v) Shahjibazar 132/33 kV T-4 transformer was shut down at 07:25(21/09/2022) for C/M by PDB.<br>w) Bogura-Sirajganj 230 kV Ckt-2 was under shut down from 06:16(21/09/2022) to 08:28(21/09/2022) for C/M.<br>x) Bogura(Old) 132/33 kV T-1 & T-2 transformer was under shut down from 06:38(21/09/2022) to 09:35(21/09/2022) for C/M.<br>y) Mohasthangar 33 kV full Bus was under shutdown from 06:47(21/09/2022) to 09:17(21/09/2022) for D/W. | About 15 MW power interruption occurred under Ramganj S/S area from 08:08 to 10:01.<br><br>About 60 MW power interruption occurred under Kishoreganj S/S area from 15:39 to 16:40.<br>About 15 MW power interruption occurred under Sreenagar S/S area from 15:51 to 17:03.<br><br>About 63 MW power interruption occurred under Kabirpur S/S area from 14:38 to 14:57.<br>About 87 MW power interruption occurred under Kabirpur S/S area from 14:36 to 16:05.<br><br>About 35 MW power interruption has been running under Shahjibazar S/S area since 07:25(21/09/2022).<br><br>About 60 MW power interruption occurred under Bogura S/S area from 06:38(21/09/2022) to 09:35.<br>About 45 MW power interruption occurred under Mohasthangar S/S area from 06:47(21/09/2022) to 09:17. |
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Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle