

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

Reporting Date : 1-May-23

Till now the maximum generation is :-

| The Summary of Yesterday's | 30-Apr-23  | 15648.0              | Generation & Demand | 21:00                      | Hrs on | 19-Apr-23 | Today's Actual Min Gen. & Probable Gen. & Demand |
|----------------------------|------------|----------------------|---------------------|----------------------------|--------|-----------|--|
| Day Peak Generation :      | 11348.0 MW | Hour :               | 12:00               | Min. Gen. at               | 8:00   | 8365      |  |
| Evening Peak Generation :  | 11712.0 MW | Hour :               | 19:30               | Available Max Generation : | 14950  |           |  |
| E.P. Demand (at gen end) : | 11801.0 MW | Hour :               | 19:30               | Max Demand (Evening) :     | 11500  |           |  |
| Maximum Generation :       | 12171.0 MW | Hour :               | 15:00               | Reserve(Generation end)    | 3450   |           |  |
| Total Gen. (MKWH) :        | 254.7      | System Load Factor : | 87.19%              | Load Shed :                | 0      |           |  |

|  |         |    |      |        |
|--|---------|----|------|--------|
| Export from East grid to West grid > Maximum | -150 MW | at | 6:00 | Energy |
| Import from West grid to East grid > Maximum | MW      | at | -    | Energy |

|          |       |           |          |              |       |           |
|----------|-------|-----------|----------|--------------|-------|-----------|
| Actual : | 75.13 | FL(MSL) : | 1-May-23 | Rule curve : | 82.20 | FL( MSL ) |
|----------|-------|-----------|----------|--------------|-------|-----------|

|                |         |         |        |                      |  |       |
|----------------|---------|---------|--------|----------------------|--|-------|
| Gas Consumed : | Total = | 1121.26 | MMCFD. | Oil Consumed (PDB) : |  | HSD : |
|                |         |         |        |                      |  | FO :  |

|                                       |        |               |       |               |         |                 |
|---------------------------------------|--------|---------------|-------|---------------|---------|-----------------|
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas :  | Tk173,027,212 | Oil : | Tk608,629,090 | Total : | Tk1,062,719,942 |
|                                       | Coal : | Tk281,063,640 |       |               |         |                 |

**Load Shedding & Other Information**

| Area            | Yesterday |      | Estimated Demand (S/S end) |              | Today |          | Rates of Shedding (On Estimated Demand) |
|-----------------|-----------|------|----------------------------|--------------|-------|----------|---|
|                 | Time      | MW   | Time                       | MW           | Time  | MW       |   |
| Dhaka           | 0         | 0:00 | 0                          | 4277         |       | 0        | 0%                                      |
| Chittagong Area | 0         | 0:00 | 0                          | 1184         |       | 0        | 0%                                      |
| Khulna Area     | 0         | 0:00 | 0                          | 1556         |       | 0        | 0%                                      |
| Rajshahi Area   | 0         | 0:00 | 0                          | 1373         |       | 0        | 0%                                      |
| Cumilla Area    | 20        | 0:00 | 0                          | 1172         |       | 0        | 0%                                      |
| Mymensingh Area | 55        | 0:00 | 0                          | 963          |       | 0        | 0%                                      |
| Sylhet Area     | 10        | 0:00 | 0                          | 435          |       | 0        | 0%                                      |
| Barisal Area    | 0         | 0:00 | 0                          | 351          |       | 0        | 0%                                      |
| Rangpur Area    | 0         | 0:00 | 0                          | 761          |       | 0        | 0%                                      |
| <b>Total</b>    | <b>85</b> |      |                            | <b>12072</b> |       | <b>0</b> |   |

Information of the Generating Units under shut down.

**Planned Shut-Down**

**Forced Shut-Down**

- 1) Barapukuria ST: Unit-2
- 2) Ghosra-3/7
- 3) Bhula Nuton Biddut
- 4) Baghabari-100 MW
- 5) Raazan unit-2
- 6) Siddhirganj 210 MW
- 7) Shahbazur 330 MW
- 8) Sirajganj- 2
- 9) Barishal 307 MW

| Outage | Restore | Additional Information of Machines, lines, interruption / Forced Load shed etc.   | Remark                 |
|--------|---------|---|------------------------|
| 08:14  | 13:15   | Hathazari 230/132/33kV S/S T-01 LT Scheduled S/D Due to T-01 transformer (80/120MVA) 132/33kv, 33kv side cable laying.  |                        |
| 08:14  | 13:15   | Hathazari 230/132/33kV S/S T-01 HT Scheduled S/D Due to T-01 transformer (80/120MVA) 132/33kv, 33kv side cable laying.  |                        |
| 08:30  | 13:46   | Bheramara 230/132kV S/S Transformer-1 HT Scheduled S/D Due to Annual maintenance.   |                        |
| 08:30  | 13:46   | Bheramara 230/132kV S/S Transformer-1 LT Scheduled S/D Due to Annual maintenance.   |                        |
| 09:08  |         | Khulshi-Madunaghat 132kV Ckt-2 Project Work S/D from Madunaghat 132/33kV end Due to For GNPD project work.  |                        |
| 09:33  | 16:44   | Haripur 230/132kV S/S Ullon (Maniknagar-2) Scheduled S/D  |                        |
| 10:11  | 16:18   | Siddhirganj-Ullon (T at Haripur) 132kV Ckt-2 Forced S/D from Siddhirganj 132/33kV end Due to Maintenances Work in Ullon ends  |                        |
|        | 10:33   | Naogaon 132/33kV S/S T-3 HT is restored.  |                        |
|        | 10:36   | Naogaon 132/33kV S/S T-3 LT is restored.  |                        |
| 10:54  | 15:11   | Fenchuganj 230/132/33kV S/S AT-02 HT Scheduled S/D Due to Annual Maintenance  |                        |
| 10:54  | 15:11   | Fenchuganj 230/132/33kV S/S AT-02 LT Scheduled S/D Due to Annual Maintenance  |                        |
| 11:00  | 16:31   | Siddhirganj 132/33kV S/S 120MW EGCB GT 1 Forced S/D Due to Maintenances Work for EGCB ends  |                        |
|        | 11:25   | Faridpur 132/33kV S/S Transformer-2 LT is restored.   |                        |
|        | 11:25   | Faridpur 132/33kV S/S Transformer-2 HT is restored.   |                        |
| 11:30  |         | Rampal 230/132kV ICT-2 SD by P/S.   |                        |
| 11:33  | 14:47   | Mongla 132/33kV S/S T-2 LT Forced S/D Due to 33 kv bus section ds maintenance   | 20 MW load interrupt.  |
| 11:33  | 12:34   | Mongla 132/33kV S/S T-1 LT Tripped showing OC/EF(50) relays Due to BICL feeder trip   | 36 MW load interrupt.  |
| 11:43  | 14:47   | Mongla 132/33kV S/S T-2 LT Tripped showing OC/EF(50) relays Due to BICL feeder fault  |                        |
| 11:44  | 16:49   | Barapukuria 230/132/33kV S/S 230/132 KV T-01, 703T LT Scheduled S/D Due to Red Hot Maintenance  |                        |
| 11:35  | 16:48   | Barapukuria 230/132/33kV S/S 230/132 KV T-01, 703T HT Scheduled S/D Due to Red Hot Maintenance  |                        |
| 11:56  | 12:04   | Barishal-Bhandaria 132 KV Ckt-1 Tripped from Barishal 132/33kV end showing Phase A relays Due to Un Known.  | 30 MW load interrupt.  |
| 12:00  |         | Day Peak Generation = 11,099MW  |                        |
| 12:30  |         | Bhaluka-Mymensingh 132 KV Ckt-2 is restored.  |                        |
| 12:30  |         | Bhaluka-Mymensingh 132 KV Ckt-1 is restored.  |                        |
| 12:31  |         | Bhaluka 132/33kV S/S Transformer-02 HT is restored.   |                        |
| 12:31  |         | Bhaluka 132/33kV S/S Transformer-01 HT is restored.   |                        |
| 12:33  | 14:47   | Mongla 132/33kV S/S T-2 HT Forced S/D Due to 33 kv bus section ds loop maintenance.   | 20 MW load interrupt.  |
|        | 12:36   | Bhaluka 132/33kV S/S Transformer-01 LT is restored.   |                        |
|        | 12:37   | Bhaluka 132/33kV S/S Transformer-02 LT is restored.   |                        |
| 12:43  | 13:14   | Gopalganj(N)-Madaripur 132kV Ckt-1 Tripped from Madaripur 132/33kV end showing SIEMENS SIPROTEC 7SA52 relays Due to No and from Gopalganj 400/132kV end showing DIR OC (67) Inverse relays Due to 19.8km, Phase C zone1 | 50 MW load interrupt.  |
| 12:59  | 18:18   | Aminbazar 400/230/132kV S/S 132 kv Bus 02 Scheduled S/D Due to 400/132 kv Interim ATR bus DS maintenance.   |                        |
| 15:50  |         | Mymensingh 132 kv bus coupler was opened  |                        |
| 16:01  | 16:20   | Bogura-Sirajganj 230 KV Ckt-1 Tripped from Sirajganj 230 end showing Main-1(REL316*4)distance relay, Main-2(REL521) distance relay relays Due to L2-N fault   |                        |
| 16:14  |         | Bhola CAPP GT 1 was sync.   |                        |
| 16:16  | 16:46   | BIPTC S/S 200F24 is restored.   |                        |
| 16:57  |         | Bogura west Adani Power Ltd. 400 kv line Trip ( Distance relay Y-phase)   |                        |
| 16:57  | 17:14   | Chapainawabganj-Rahanpur 132kV Ckt-1 Tripped from Rahanpur_1400/132kV end showing M1 Main protection Relay relays Due to Thunderstorm   | 120 MW load interrupt. |
|        | 17:05   | Kodda 132/33kV S/S T-3 (426T) HT is restored.   |                        |
|        | 17:06   | Kodda 132/33kV S/S T-4 (436T) HT is restored.   |                        |
|        | 17:08   | Kodda 132/33kV S/S T-3 (426T) LT is restored.   |                        |
|        | 17:09   | Kodda 132/33kV S/S T-4 (436T) LT is restored.   |                        |
| 17:24  |         | Bhola CAPP GT2 was sync.  |                        |
| 17:46  | 19:05   | BIPTC S/S 21101 LT Tripped showing TDC (ACF Main protection) relays Due to Pole-01 tripped by 00X00.BA1RPC RPC NO AC Filter   | 485 MW load interrupt. |
| 17:55  | 18:15   | Haripur-Madanganj 132kV Ckt-1 Tripped from Madanganj 132/33kV end showing Main Protection Relay relays. and from Haripur 230/132kV end showing Distance Zone-1, BN (Y Phase N) relays Due to Rain                       | 42 MW load interrupt.  |
| 19:21  | 20:10   | Ashugonj-Sreepur ckt-1 tripped at both sides showing distance relay.  |                        |
| 19:41  |         | Bogura west Adani Power Ltd. 400 KV line Syn.   |                        |
| 20:37  | 22:17   | Chatlak-Sylhet 132 KV Ckt-2 Tripped from Sylhet 132/33kV end showing Distance Protection trip Z-1, C-Phase relays.  | 1.0 MW load interrupt. |
| 20:38  | 21:12   | Chattak-Sunamganj 132 KV Ckt-1 Tripped from Sunamganj 132/33kV end showing REL-670 relays.  |                        |
| 21:00  |         | Evening peak generation: 9235 MW. System Demand drastically reduced due to Bad weather all over the Country.  |                        |
| 21:58  | 04:10   | Rangpur 132/33kV S/S T-1(414T) LT Tripped showing O/C, E/F relays Due to Due to 33 kv T-6 Feeder Fault  | 60 MW load interrupt.  |
| 21:58  | 04:10   | Rangpur 132/33kV S/S T-2 (404T) LT Tripped showing O/C, E/F relays Due to Due to 33kv T-6 feeder Breaker Fault  |                        |
| 22:23  | 22:50   | Ranganj 132/33kV S/S Transformer -02 LT Scheduled S/D Due to None   | 50 MW load interrupt.  |
| 22:42  |         | Gulshan-Rampura 132kV Ckt-1 Scheduled S/D from Gulshan 132/33kV end Due to 132 kv 0.9 km underground cable replacement work, and from Rampura 230/132kV end Due to XLPE cable replacement work of 132 KV Gulshan ckt-1. |                        |
| 00:30  |         | Bhola 225MW CAPP ST was sync.   |                        |
| 06:00  |         | minimum generation 8596 MW  |                        |

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle