

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

Reporting Date : 11-Jan-24

|  |            |                      |                                |   |                  |
|--|------------|----------------------|--------------------------------|---|------------------|
| <b>Till now the maximum generation is :-</b> |            | <b>15648.0</b>       | <b>21:00</b>                   | <b>Hrs on</b>   | <b>19-Apr-23</b> |
| <b>The Summary of Yesterday's</b>            |            | <b>10-Jan-24</b>     | <b>Generation &amp; Demand</b> | <b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b> |                  |
| Day Peak Generation :                        | 9280.0 MW  | Hour :               | 12:00                          | Min. Gen. at  | 4:00             |
| Evening Peak Generation :                    | 10086.0 MW | Hour :               | 19:00                          | Available Max Generation :                                      | 6716             |
| E.P. Demand (at gen end) :                   | 10086.0 MW | Hour :               | 19:00                          | Max Demand (Evening) :  | 11883            |
| Maximum Generation :                         | 10086.0 MW | Hour :               | 19:00                          | Reserve(Generation end) :                                       | 10100            |
| Total Gen. (MKWH) :                          | 192.248    | System Load Factor : | 79.42%                         | Load Shed :   | 0                |

|   |  |           |              |        |          |
|---|--|-----------|--------------|--------|----------|
| <b>EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR</b> |  |           |              |        |          |
| Export from East grid to West grid - Maximum            |  | 140 MW    | at           | 18:00  | Energy   |
| Import from West grid to East grid - Maximum            |  |           |              |        | Energy   |
| Actual :  | Water Level of Kaptai Lake at 6:00 A.M on 91.58 Ft.(MSL) | 11-Jan-24 | Rule curve : | 101.29 | Ft.(MSL) |

|                                       |         |               |                      |               |                       |
|---------------------------------------|---------|---------------|----------------------|---------------|-----------------------|
| Gas Consumed :                        | Total = | 837.51 MMCFD. | Oil Consumed (PDB) : | HSD :         | FO :                  |
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas :   | Tk106,614,495 | Oil :                | Tk239,212,323 | Total : Tk697,798,547 |
|                                       | Coal :  | Tk351,971,729 |                      |               |                       |

**Load Shedding & Other Information**

| Area            | Yesterday |             | Estimated Demand (S/S end) |          | Today    |           | Rates of Shedding (On Estimated Demand) |
|-----------------|-----------|-------------|----------------------------|----------|----------|-----------|---|
|                 | MW        |             | MW                         |          | MW       |           |   |
| Dhaka           | 0         | 0.00        | 3467                       | 0        | 0        | 0%        | 0%                                      |
| Chittagong Area | 0         | 0.00        | 946                        | 0        | 0        | 0%        | 0%                                      |
| Khulna Area     | 0         | 0.00        | 1323                       | 0        | 0        | 0%        | 0%                                      |
| Rajshahi Area   | 0         | 0.00        | 1148                       | 0        | 0        | 0%        | 0%                                      |
| Cumilla Area    | 0         | 0.00        | 946                        | 0        | 0        | 0%        | 0%                                      |
| Mymensingh Area | 0         | 0.00        | 702                        | 0        | 0        | 0%        | 0%                                      |
| Sylhet Area     | 0         | 0.00        | 395                        | 0        | 0        | 0%        | 0%                                      |
| Barisal Area    | 0         | 0.00        | 328                        | 0        | 0        | 0%        | 0%                                      |
| Rangpur Area    | 0         | 0.00        | 642                        | 0        | 0        | 0%        | 0%                                      |
| <b>Total</b>    | <b>0</b>  | <b>0.00</b> | <b>9898</b>                | <b>0</b> | <b>0</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- 1,2<br>2) Ghorasal-3,7<br>3) Shajbazar 330 MW<br>4) Baghabari-71,100 MW<br>5) Razzan unit-2<br>6) Siddhirganj 210 MW . |

| Outage | Restore | Additional Information of Machines, lines, Interruption / Forced Load shed etc.   | Remark                |
|--------|---------|---|-----------------------|
| 08:07  | 08:40   | Chandpur 132/33kV S/S 402T HT Scheduled S/D Due to BPDB 33 kV Bus section-1 S/D for 33 kv chandpur -4 loop open work  | 7.0MW load interrup.  |
| 08:07  | 08:40   | Chandpur 132/33kV S/S 402T LT Scheduled S/D Due to BPDB 33 kV Bus section-1 S/D for 33 kv chandpur -4 loop open work  | 7.0MW load interrup.  |
|        |         | KV Bus section-1 S/D for 33 kv chandpur -4 loop open work   |                       |
| 08:28  | 17:45   | Dhamrai-Kaliakoir 132 kV Ckt-1 Scheduled S/D from Dhamrai 132/33kV end Due to annual maintenance dead line checking, and from Kaliakoir 400/230/132kV end Due to NLDC   |                       |
| 08:29  | 17:24   | Benapole-Jashore 132 kV Ckt-2 Scheduled S/D from Benapole 132/33kV end Due to Annual Maintenance and from Jashore 132/33kV end Due to For Annual Maintenance Benapole end   |                       |
| 08:36  | 16:03   | Bheramara-HVDC Bheramara 230 kV Ckt-2 Scheduled S/D from Bheramara 230/132kV end Due to Annual Maintenance  |                       |
| 08:40  | 16:38   | Chandraghona-Madunaghat 132 kV Ckt-2 Scheduled S/D from Madunaghat 132/33kV end Due to Bay maintenance of Chandraghona grid, and from Chandraghona 132/33kV end Due to Annual maintenance(Bay)  |                       |
| 08:41  | 14:12   | Baroirhat-Feni 132 kV Ckt-2 Scheduled S/D from Feni 132/33kV end Due to AMS-2023-24 and from Baroirhat 132/33kV end Due to Annual maintenance work of Feni S/S  |                       |
| 08:41  | 17:38   | Dhamrai 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Annual maintenance work.   |                       |
| 08:42  | 17:37   | Dhamrai 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Annual maintenance work.   |                       |
| 08:48  | 16:25   | Pabna- Shahjadpur 132kV Ckt-1 Scheduled S/D from Shahjadpur 132/33kV end Due to None  |                       |
| 08:49  | 16:03   | Bheramara-HVDC Bheramara 230 kV Ckt-2 Scheduled S/D from BIPTC end Due to Annual Maintenance  |                       |
| 09:03  | 14:55   | Chudanga 132/33kV S/S 132kV Tr. T1(416T) LT Scheduled S/D Due to Annual Maintenance   |                       |
| 09:04  | 14:54   | Chudanga 132/33kV S/S 132kV Tr. T1(416T) HT Scheduled S/D Due to Annual Maintenance   |                       |
| 09:08  |         | Gollamari 132/33kV S/S Tr-2 LT Project Work S/D Due to 80/120 MVA Transformer Commissioning under G2G Project.  |                       |
| 09:09  |         | Gollamari 132/33kV S/S Tr-2 HT Project Work S/D Due to 80/120 MVA Transformer Commissioning under G2G Project.  |                       |
| 09:09  | 10:58   | Sonargaon 132/33kV S/S Tr-1 LT Scheduled S/D Due to Maintenance work by PBS.  | 40.0MW load interrup. |
| 09:10  | 19:27   | Aminbazar-Kaliakoir 230kV Ckt-2 Scheduled S/D from Kaliakoir 400/230/132kV end Due to Working at Aminbazar end, and from Aminbazar 400/230/132kV end Due to Deadline Checking   |                       |
| 09:10  | 10:57   | Sonargaon 132/33kV S/S Tr-1 HT Scheduled S/D Due to Maintenance work by PBS.  |                       |
| 09:18  | 10:59   | Joypurhat 132/33kV S/S Transformer T-1 (407 T) LT Scheduled S/D Due to Shut down to stop oil leakage of T-1 132kV transformer   |                       |
| 09:19  | 10:57   | Joypurhat 132/33kV S/S Transformer T-1 (407 T) HT Scheduled S/D Due to Shut down to stop oil leakage of T-1 132kV transformer   |                       |
| 09:20  | 17:39   | Kodda 132/33kV S/S Tr-5 (446T) LT Scheduled S/D Due to Maintenance  |                       |
| 09:21  | 17:41   | Kodda 132/33kV S/S Tr-5 (446T) HT Scheduled S/D Due to Maintenance  |                       |
| 09:21  | 17:20   | Kishoreganj-Mymensingh 132kV Ckt-1 Scheduled S/D from Mymensingh 132/33kV end Due to Annual maintenance works and from Kishoreganj 132/33kV end.  |                       |
| 09:27  | 16:13   | Brahmanbaria-Narsinghdi 132 kV Ckt-1 Scheduled S/D from Brahmanbaria 132/33kV end Due to Annual maintenance   |                       |
| 09:38  | 11:36   | Natore-Rajshahi 132kV Ckt-1 Scheduled S/D from Natore 132/33kV end Due to L.A earthing improvement, and from Rajshahi 132/33kV end Due to Maintenance Work By Natore SS   |                       |
| 09:41  | 15:46   | Brahmanbaria-Narsinghdi 132 kV Ckt-1 Scheduled S/D from Narsinghdi 132/33kV end Due to From b baria ss maintenance work   |                       |
| 09:42  | 17:29   | Ashuganj-Bhulta 400 kV Ckt-1 Scheduled S/D from Bhulta 400/230kV end Due to Dead Line Checking.   |                       |
| 09:42  | 16:41   | Mirpur-Uttara 3PH 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Deadline checking   |                       |
| 09:43  | 15:55   | Brahmanbaria-Narsinghdi 132 kV Ckt-2 Scheduled S/D from Narsinghdi 132/33kV end Due to From b baria ss maintenance work and from Brahmanbaria 132/33kV end Due to Annual maintenance  |                       |
| 09:45  |         | Niamatpur 132/33kV S/S 417T HT Project Work S/D Due to For Project Work.  |                       |
| 09:45  |         | Niamatpur 132/33kV S/S 417T LT Project Work S/D Due to For Project Work.  |                       |
| 10:20  | 16:23   | Munshiganj 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Annual Maintenance  |                       |
| 10:21  | 16:23   | Munshiganj 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Annual Maintenance  |                       |
| 10:45  |         | Rangpur 132/33kV S/S Rangpur-GTPS Forced S/D  |                       |
|        | 10:45   | Khulna (C) S/S TR-1 425T LT is restored.  |                       |
|        | 10:45   | Khulna (C) S/S TR-1 425T HT is restored.  |                       |
| 11:27  | 16:11   | Haripur 230/132kV S/S 132kV Main Bus Sec-2 Scheduled S/D Due to Annual Maintenance.   |                       |
| 11:39  | 13:26   | Natore-Rajshahi 132kV Ckt-2 Scheduled S/D from Natore 132/33kV end Due to LA, earthing improvement and from Rajshahi 132/33kV end Due to Maintenance Work By Natore SS  |                       |
|        | 12:44   | Khulna(S) 230/132kV S/S TR-3 LT Forced S/D Due to Oil Refill OLTC tank  |                       |
| 11:50  | 12:46   | Khulna(S) 230/132kV S/S TR-3 HT Forced S/D Due to Oil Refill OLTC tank  |                       |
| 12:00  |         | Day Peak Gen. 9280 MW   |                       |
| 12:46  | 17:50   | Chowmuhani-Feni 132 kV Ckt-2 Forced S/D from Chowmuhani 132/33kV end Due to Distance relay failure problem maintenance by SPMD.   |                       |
| 14:14  | 15:47   | Rangpur 230/132/33 S/S ATR-01 (706T) HT Project Work S/D Due to project work  |                       |
| 14:14  | 15:47   | Rangpur 230/132/33 S/S ATR-02 (716T) LT Project Work S/D Due to project work  |                       |
| 19:00  |         | Evening Peak Generation:10086 MW  |                       |
| 19:00  |         | Evening Peak generation: 10086 MW.  |                       |
| 04:00  |         | Minimum Generation :6716 MW   |                       |
| 06:32  | 07:22   | Kabirpur 132/33kV S/S XFR, T-1 LT Tripped showing Mikro AN112 relays Due to Epz 33kv feeder ct y phase brunt,relay panel shows o/c,auxiliary-1 y phase bushing brunt,ashulia 33kv feeder cb do not trip but relay show o/c,e/f signal | 88.0MW load interrup. |
| 06:32  | 07:22   | Kabirpur 132/33kV S/S XFR, T-2 LT Tripped showing Mikro AN112 relays Due to Epz 33kv feeder ct y phase brunt,auxiliary-1 y phase bushing brunt,Ashulia 33 kv feeder CB do not trip but relay shows O/C,E/F signal                     | 88.0MW load interrup. |

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle