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

Reporting Date : 28-Aug-23

**Till now the maximum generation is : -** **15648.0** **21:00** **Hrs** **on** **19-Apr-23**

| **The Summary of Yesterday's** | 27-Aug-23 | **Generation & Demand** | | **Today's Actual Min Gen. & Probable Gen. & Demand** | | |
|---|---|---|---|---|---|---|
| Day Peak Generation : | 12365.0 MW | 12:00 | | Min. Gen. at | 7:00 | 11070 |
| Evening Peak Generation : | 14251.0 MW | 19:30 | | Available Max Generation : | | 15012 |
| E.P. Demand (at gen end) : | 14350.0 MW | 19:30 | | Max Demand (Evening) : | | 14500 |
| Maximum Generation : | 14251.0 MW | 19:30 | | Reserve(Generation end) | | 512 |
| Total Gen. (MKWH) : | 297.07 | System Load Factor : | 86.86% | Load Shed : | | 0 |

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

| | | | | | |
|---|---|---|---|---|---|
| Export from East grid to West grid :- Maximum | 596 MW | at | 19:30 | Energy | |
| Import from West grid to East grid :- Maximum | - MW | at | - | Energy | - |

Water Level of Kaptai Lake at 6:00 A M on 28-Aug-23

Actual : 103.45 Ft.(MSL) , Rule curve : 97.68 Ft.( MSL )

Gas Consumed : Total = 1103.12 MMCFD. Oil Consumed (PDB) :

HSD :
FO :

Cost of the Consumed Fuel (PDB+Pvt) : **Gas :** Tk155,330,607
: **Coal :** Tk618,952,268 Oil : Tk551,505,099 Total : Tk1,325,787,974

**Load Shedding & Other Information**

| Area | Yesterday | | Today | | | |
|---|---|---|---|---|---|---|
| | MW | | Estimated Demand (S/S end) MW | Estimated Shedding (S/S end) MW | | Rates of Shedding (On Estimated Demand) |
| Dhaka | 0 | 0:00 | 4858 | 0 | | 0% |
| Chittagong Area | 0 | 0:00 | 1336 | 0 | | 0% |
| Khulna Area | 0 | 0:00 | 1873 | 0 | | 0% |
| Rajshahi Area | 0 | 0:00 | 1628 | 0 | | 0% |
| Cumilla Area | 0 | 0:00 | 1339 | 0 | | 0% |
| Mymensingh Area | 65 | 0:00 | 996 | 0 | | 0% |
| Sylhet Area | 0 | 0:00 | 558 | 0 | | 0% |
| Barisal Area | 0 | 0:00 | 466 | 0 | | 0% |
| Rangpur Area | 30 | 0:00 | 910 | 0 | | 0% |
| **Total** | **95** | | **13965** | **0** | | |

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) Shajibazar 330 MW<br>4) Baghabari-71,100 MW<br>5) Raozan unit-2<br>6) Siddhirganj 210 MW . |

| Outage Time | Restore Time | Additional Information of Machines, lines, Interruption / Forced Load shed etc. | Remark |
|---|---|---|---|
| | 08:46 | Gopalganj 132/33kV S/S T1 HT is restored. | |
| | 09:40 | Bogura 132/33kV S/S Transformer-2 HT is restored. | |
| 09:45 | | Rohanpur 400 kv bus - 2 was shut down due to project work. | |
| 10:20 | | Gopalganj 400/132kV S/S ATR-02 LT Project Work S/D Due to Fire protection work | |
| 10:44 | 15:25 | Sikalbaha-TKCL 132kV Ckt-1 Forced S/D from Shikalbaha 230/132kV end. | |
| 13:46 | 14:07 | Tangail 132/33kV S/S Tr-1 LT Tripped showing REF 615 relays Due to 33kV OLD REB feeder C.T Blast. | 55 MW load interrup. |
| 13:46 | 14:08 | Tangail 132/33kV S/S Tr-2 LT Tripped showing REF 615 relays Due to 33kV OLD REB feeder C.T Blast. | 55 MW load interrup. |
| 14:30 | 15:52 | Dohazari-Sikalbaha 132 kV Ckt-2 S/D from Dohazari end Due to High Temperature maintenance of Xfer Bus DS (R) of Bus coupler Bay and from Shikalbaha 230/132kVend. | |
| 14:53 | 16:26 | Magura-Narail 132kV Ckt-2 Forced S/D from Magura 132/33kV end | |
| 16:37 | 18:57 | Jaldhaka 132/33kV S/S 406T LT Forced S/D Due to Red hot on the T-1 33kV Bus isolator. | 16 MW load interrup. |
| 16:44 | 18:55 | Jaldhaka 132/33kV S/S 33 KV BUS Forced S/D Due to Bus Section-01. Red hot on the T-1 33kv Bus isolator. | |
| 17:36 | 17:47 | Bashundhara-Rampura 132 kV Ckt-1 Tripped from Rampura end showing # Distance protection 21/1 Alarm# Master trip 86T2 relays Due to Tee zone-2 prot AN. trip(87TEE-2) | |
| 17:36 | 19:26 | Bashundhara-Rampura 132 kV Ckt-2 Tripped from Rampura 230/132kV end showing #Distance Protection trip 21/1 Z1. AN Trip relays Due to Distance trip (21.Z1) | |
| 20:56 | | Matarbari 2*600 MW (CPGCL) Unit-1 tripped | 600 MW Generation interrup. |
| 22:05 | | Baghabari-Shahjadpur 132 kV Ckt-2 Tripped from Shahjadpur end showing no relays Due to sky wire ছিড়ে লাইনের উপর পড়ে trip করে। | |
| 22:10 | | Shahjadpur-Sirajganj 132kV Ckt-1 Tripped from Sirajganj end showing RP Signal: Distance Relay Zone-1 Trip (A, B- phase), SOTF,A/R lockout. relays Due to Sky wire tore apart near Shahjadpur S/S side. | |
| 22:22 | 23:23 | Rampura 230/132kV S/S Auto Transformer - 03 HT Forced S/D Due to Due to Red hot | 20 MW load interrup. |
| 05:45 | | Barapukuria-Bogura 230 kV Ckt-1 Scheduled S/D from Bogura 230/132kV end Due to Isolator Replacement Work. | |
| 06:15 | | Bogura 230/132kV S/S 230KV Main 2 Scheduled S/D Due to Isolator Replacement Work. | |
| 07:10 | | Baghabari--Shahjadpur 132kv ckt-1 Trip at Baghabari End | |
| 07:12 | | Khulna(S) 230/132kV S/S TR-1 LT Scheduled S/D Due to Red hot maintenance work | |

**Sub Divisional Engineer**
**Network Operation Division**

**Executive Engineer**
**Network Operation Division**

**Superintendent Engineer**
**Load Despatch Circle**