

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

Reporting Date : 18-Mar-23

Till now the maximum generation is :-

14762.0

21:00

Hrs

on 16-Apr-22

| The Summary of Yesterday's | 17-Mar-23 | Generation & Demand | Hour : | 12:00 | Min. Gen. at | 5:00 | Today's Actual Min Gen. & Probable Gen. & Demand |
|----------------------------|-----------|---------------------|----------------------|--------|--------------------------|------|--|
| Day Peak Generation : | 9637.0 | MW | Hour : | 12:00 | Min. Gen. at | 5:00 | 8023 |
| Evening Peak Generation : | 10220.0 | MW | Hour : | 19:30 | Available Max Generation | : | 13034 |
| E.P. Demand (at gen end) : | 10220.0 | MW | Hour : | 19:30 | Max Demand (Evening) : | | 12000 |
| Maximum Generation : | 10220.0 | MW | Hour : | 19:30 | Reserve(Generation end) | | 1034 |
| Total Gen. (MKWH) : | 226.4 | | System Load Factor : | 92.32% | Load Shed | : | 0 |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | | | | |
|---|-----------|----------|--------------|-------|----------|----|-------|--------|
| Export from East grid to West grid :- Maximum | | | | -124 | MW | at | 20:00 | Energy |
| Import from West grid to East grid :- Maximum | | | | | MW | at | - | Energy |
| Water Level of Kaptai Lake at 6:00 A M on | 18-Mar-23 | | | | | | | |
| Actual : | 77.10 | Fl.(MSL) | Rule curve : | 90.28 | Fl.(MSL) | | | |

| | | | | | | | | |
|---------------------------------------|---------|---------------|--------|----------------------|---------------|---------|---------------|--|
| Gas Consumed : | Total = | 1048.81 | MMCFD. | Oil Consumed (PDB) : | | | | |
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas : | Tk143,856,801 | | Oil : | Tk398,080,585 | Total : | Tk793,327,164 | |
| | Coal : | Tk251,389,777 | | | | | | |

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 | 4277 | 0 | 0% |
| Chittagong Area | 0 | 0.00 | 1184 | 0 | 0% |
| Khulna Area | 0 | 0.00 | 1556 | 0 | 0% |
| Rajshahi Area | 0 | 0.00 | 1373 | 0 | 0% |
| Cumilla Area | 0 | 0.00 | 1172 | 0 | 0% |
| Mymensingh Area | 0 | 0.00 | 963 | 0 | 0% |
| Sylhet Area | 0 | 0.00 | 435 | 0 | 0% |
| Barisal Area | 0 | 0.00 | 351 | 0 | 0% |
| Rangpur Area | 0 | 0.00 | 761 | 0 | 0% |
| Total | 0 | 0.00 | 12072 | 0 | |

Information of the Generating Units under shut down.

Planned Shut- Down

Forced Shut-Down

- 1) Barapukuria ST: Ur 10) Bhula Nuton Biddut
- 2) Ghorasal-3.7
- 3) Ashuganj-5
- 4) Baghabari-100 MW & 71 MW
- 5) Raszan unit-2
- 6) Siddhirganj 210 MW
- 7) Shahjadar 330 MW
- 8) Sirajganj-1 & 2
- 9) Kushiara 163 MW ST

| Outage Time | Restore Time | Additional Information of Machines, lines, Interruption / Forced Load shed etc. | Remark |
|-------------|--------------|--|-----------------------|
| 09:03 | 09:03 | Kodda 132/33kV S/S Tr-4 (436T) HT is restored. | |
| 09:40 | 09:05 | Kodda 132/33kV S/S Tr-4 (436T) LT is restored. | |
| 09:50 | 10:35 | Madanganj 132/33kV S/S Madanganj -Summit 55 MW 132 kv Ckt Forced S/D Due to None | |
| | 11:32 | Khulna 225 MW CCFP tripped due to GBC problem. | |
| | 12:00 | Panchagarh 132/33kV S/S 427T(A+B) LT is restored. | |
| | 12:40 | Day peak generation 9637 MW. | |
| | 13:28 | Khulna 225MW(NWPGCL) synced. | |
| | 13:48 | Ashuganj network 132/33kV T-3 transformer tripped showing O/C, E/F relay. | 28 MW load interrupt. |
| | 15:15 | Purbasadipur 132/33kV S/S T-4 Transformer HT is restored. | |
| | 16:05 | Purbasadipur 132/33kV S/S T-4 Transformer HT Project Work S/D Due to as per manufacture instruction and observation of new transformer. | |
| | 19:30 | Evening Peak Gen. 10220 MW | |
| | 20:12 | Shahjadpur T1 tripped due to 33kv R-phase bus DS burst.No interruption. | |
| | 20:12 | Shahjadpur 132/33kV S/S T-1(405T) LT Forced S/D Due to 33 kv Talgachi incoming DS fault. | |
| | 22:19 | Khulna 225 MW test completed | |
| | 00:53 | Sirajganj Gas 210MW Unit-1 GT was sync. | |
| | 04:08 | Bibiyan-3 400MW tripped | |
| | 05:00 | Minimum Generation = 8,023MW | |
| | 05:06 | Sirajganj Gas 210MW Unit-1 ST was sync. | |
| | 05:41 | Sreemongol 132/33kV S/S 132/33kv T-3 HT Tripped showing Over current relays Due to 33 kv Bahubal-1 feeder fault | 15 MW load interrupt. |
| | 05:41 | Sreemongol 132/33kV S/S 132/33kv T-2 HT Tripped showing Over current relays Due to 33 kv Bahubal-1 feeder fault | 7 MW load interrupt. |
| | 05:41 | Sreemongol 132/33kV S/S 132/33kv T-2 LT Tripped showing Earth fault. relays Due to 33 kv Bahubal-1 Feeder's fault. | |
| | 07:00 | Madanpur 132/33kV S/S T2-415T HT Scheduled S/D Due to Disconnecting Switch Change The Loop of Auxiliary Transformer-02. | |
| | 07:04 | Kushitia 132/33kV S/S T2 LT Scheduled S/D Due to Maintenance | 10 MW load interrupt. |
| | 07:05 | Kushitia 132/33kV S/S T2 HT Scheduled S/D Due to Maintenance | |
| | 07:09 | Chowmuhani-Ramganj 132 kv Ckt-1 Project Work S/D from Chowmuhani 132/33kV end Due to 230 KV Project Work and from Ramganj 132/33kV end Due to Chowmuhani - Ramganj Ckt 01 shutdown for stringing works between AP-21 & T-21/1 of Chowmuhani - Kachua 230kV four circuit transmission line. | |
| | 07:15 | Chowmuhani 132/33kV S/S TR2-425T LT Scheduled S/D Due to 33 KV Bus Conductor Change | 30 MW load interrupt. |
| | 07:15 | Chowmuhani 132/33kV S/S TR2 Scheduled S/D Due to 33 KV Bus Conductor Change | |
| | 07:16 | Chowmuhani 132/33kV S/S TR2-425T HT Scheduled S/D Due to 33 KV Bus Conductor Change | |
| | 07:25 | Chowmuhani-Ramganj 132 kv Ckt-2 Project Work S/D from Chowmuhani 132/33kV end Due to 230 Kv Project Work and from Ramganj 132/33kV end Due to Chowmuhani - Ramganj Ckt 02 shutdown for stringing works between AP-21 & T-21/1 of Chowmuhani - Kachua 230kV four circuit transmission line. | 18 MW load interrupt. |
| | 07:47 | Bhulta 400/230kV S/S Aux Trabo-01 LT Scheduled S/D Due to Annual Maintenance Work. | |
| | 07:48 | Bhulta 400/230kV S/S Aux Trabo-01 HT Scheduled S/D Due to Annual Maintenance Work. | |
| | 07:55 | Bhulta 400/230kV S/S ATR-01 LT Scheduled S/D Due to Annual Maintenance Work. | |

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle