

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

Reporting Date : 29-Mar-24

Till now the maximum generation is :-

15648.0

21:00

Hrs

on 19-Apr-23

The Summary of Yesterday's

28-Mar-24

Generation & Demand

Today's Actual Min Gen. & Probable Gen. & Demand

| | | | | | | |
|----------------------------|------------|--------------------|--------|----------------------------|------|-------|
| Day Peak Generation : | 11585.0 MW | Hour : | 11:00 | Min. Gen. at | 6:00 | 9493 |
| Evening Peak Generation : | 12652.0 MW | Hour : | 21:00 | Available Max Generation : | | 13708 |
| E.P. Demand (at gen end) : | 12695.0 MW | Hour : | 21:00 | Max Demand (Evening) : | | 11200 |
| Maximum Generation : | 12652.0 MW | Hour : | 21:00 | Reserve(Generation end) | | 2508 |
| Total Gen. (MKWH) : | 275.890 | System Load Factor | 90.86% | Load Shed | | 0 |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | |
|--|--------|----|-------|--------|--|
| Export from East grid to West grid - Maximum | 740 MW | at | 18:30 | Energy | |
| Import from West grid to East grid - Maximum | - | at | - | Energy | |

| | | | | | |
|----------|---|-----------|--------------|-------|----------|
| Actual : | Water Level of Kaptai Lake at 6:00 A.M on | 29-Mar-24 | Rule curve : | 88.84 | FL (MSL) |
| | 80.14 | FL (MSL) | | | |

| | | | | | |
|----------------|---------|--------|--------|----------------------|--|
| Gas Consumed : | Total = | 964.96 | MMCFD. | Oil Consumed (PDB) : | |
| | | | | HSD : | |
| | | | | FO : | |

| | | | | | | | | |
|---------------------------------------|-------|---------------|--------|---------------|-------|---------------|---------|-----------------|
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas : | Tk397,626,122 | Coal : | Tk631,477,104 | Oil : | Tk454,923,099 | Total : | Tk1,484,026,325 |
|---------------------------------------|-------|---------------|--------|---------------|-------|---------------|---------|-----------------|

Load Shedding & Other Information

| Area | Yesterday | | Estimated Demand (S/S end) | | Today | | Rates of Shedding (On Estimated Demand) |
|-----------------|-----------|-------------|----------------------------|-------------|----------|----------|---|
| | MW | 0:00 | MW | 0:00 | MW | 0:00 | |
| Dhaka | 0 | 0:00 | 4567 | 0:00 | 0 | 0 | 0% |
| Chittagong Area | 0 | 0:00 | 1255 | 0:00 | 0 | 0 | 0% |
| Khulna Area | 0 | 0:00 | 1758 | 0:00 | 0 | 0 | 0% |
| Rajshahi Area | 0 | 0:00 | 1528 | 0:00 | 0 | 0 | 0% |
| Cumilla Area | 0 | 0:00 | 1257 | 0:00 | 0 | 0 | 0% |
| Mymensingh Area | 41 | 0:00 | 935 | 0:00 | 0 | 0 | 0% |
| Sylhet Area | 0 | 0:00 | 524 | 0:00 | 0 | 0 | 0% |
| Barisal Area | 0 | 0:00 | 437 | 0:00 | 0 | 0 | 0% |
| Rangpur Area | 0 | 0:00 | 854 | 0:00 | 0 | 0 | 0% |
| Total | 41 | 0:00 | 13114 | 0:00 | 0 | 0 | 0% |

Information of the Generating Units under shut down.

| Planned Shut-Down | Forced Shut-Down |
|-------------------|--|
| | 1) Barapukuria ST: Unit- 1,2 2) Ghorasal-3,7 3) Shajibazar 330 MW 4) Baghabari-100 MW 5) Razzan unit-2 6) Siddhirganj 210 MW . 7) Ashuganj North |

| Outage | Restore | Additional Information of Machines, lines, Interruption / Forced Load shed etc. | Remark |
|---|---------|--|---|
| Time | Time | | |
| | 08:24 | Kodda 132/33kV S/S Tr-5 (446T) HT is restored. | |
| 08:31 | 08:26 | Kodda 132/33kV S/S Tr-5 (446T) LT is restored. | |
| 08:32 | 09:34 | Bhangura 132/33kV S/S Tr-2(413T) LT Forced S/D | |
| | 09:32 | Bhangura 132/33kV S/S Tr-2(413T) HT Forced S/D Due to Changing insulator in 33 kv feeder | |
| | 08:34 | Feni 132/33kV S/S T-1(405T) LT is restored. | |
| 08:45 | 08:34 | Feni 132/33kV S/S T-2(415T) HT is restored. | |
| 08:48 | 16:05 | Rahanpur 400/132kV S/S AT-02 LT Scheduled S/D Due to SAS witness test | |
| 09:42 | 16:04 | Rahanpur 400/132kV S/S AT-02 HT Scheduled S/D Due to SAS witness test | |
| 09:44 | 10:35 | Bhangura 132/33kV S/S Tr-1(403T) LT Forced S/D | 10.0MW load interrup. |
| | 10:34 | Bhangura 132/33kV S/S Tr-1(403T) HT Forced S/D | 10.0MW load interrup. |
| | 10:04 | Feni 132/33kV S/S T-2(415T) HT is restored. | |
| | 10:04 | Feni 132/33kV S/S T-2(415T) LT is restored. | |
| 11:00 | 10:04 | Day peak generation : 11585 MW | |
| 11:08 | 11:23 | Ashuganj-Kishoreganj 132kV Ckt-1 Forced S/D from Kishoreganj 132/33kV end Due to for cutting tree emergency | |
| 11:27 | 12:32 | Sreepur 230/132/33kV S/S 132/33 kv T-2 LT Tripped showing Differential Picked relays Due to Over Current | 60.0MW load interrup. |
| | 12:46 | Khulna (S)-Sathkira 132kV Ckt-2 is restored. | |
| 13:25 | 15:50 | Sylhet 132/33kV S/S 75 MW ST PS Project Work S/D Due to Maintenance Purpose. | |
| 13:58 | 18:50 | Baroihat-Hathazari 132 kv Ckt-1 Tripped from Baroihat 132/33kV end showing Distance relay relays Due to Distance trip | |
| 15:31 | 16:10 | Annura 132/33kV S/S Annura - 100MW PPP Scheduled S/D Due to 100 MW সর্বমোট DS Maintenance এর জন্য ALDC এর নির্দেশ অনুযায়ী | |
| 15:51 | | ATR-4 (400/230 kv, 750 MVA) Transformer charge by 400kv Voltage, at Gopalganj (N) S/S. | |
| 16:03 | | ATR-5 (400/230 kv, 750 MVA) Transformer charge by 400 kv Voltage, at Gopalganj (N) S/S. | |
| 18:09 | 16:23 | Barishal-Bhandaria 132 kv Ckt-1 is restored. | |
| 18:09 | 18:47 | Baraoulia-Khulshi 132 kv Ckt-1 Tripped from Baraoulia 132/33kV end showing Zone-1(B) relays. | |
| | 18:48 | Khulshi 132/33kV S/S Khulshi-Baraoulia Circuit-2 Tripped showing Distance Relay, Zone-1 - B, E/F(Inst). relays Due to Heavy storm, rain and thundering. | |
| 18:42 | 19:04 | Kodda-Rajendrapur 132kV Ckt-1 Tripped from Rajendrapur 132/33kV end showing No Circuit Breaker Operated. Only Power Failed. relays Due to Kodda End Source Power Failed. | 36.0MW load interrup. Rajendrapur 132/33kV end |
| 18:42 | 19:04 | Kodda-Rajendrapur 132kV Ckt-2 Tripped from Rajendrapur 132/33kV end showing No Circuit Breaker Operated. Only Power Failed. relays Due to Kodda End Power Source Failed. | 36.0MW load interrup. Rajendrapur 132/33kV end |
| 18:42 | 18:56 | Kabirpur-Kaliakoir 132kV Ckt-1 Tripped from Kaliakoir 400/230/132kV end showing REL 670 relays. | |
| 19:24 | 03:20 | Rangpur 132/33kV S/S Rangpur-Teesta Solar-2 Scheduled S/D Due to Equipments Test | |
| 19:24 | 03:02 | Rangpur 132/33kV S/S Rangpur-Teesta Solar-1 Scheduled S/D Due to Equipments Test | |
| Sub Divisional Engineer Network Operation Division | | Executive Engineer Network Operation Division | |
| | | Superintendent Engineer Load Despatch Circle | |