

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

QF-LDC-08
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Reporting Date : 20-Jul-22

| | | | |
|--|------------|----------------------------|--------------------------------|
| Till now the maximum generation is : - | | 14782.0 | 21:00 Hrs on 16-Apr-22 |
| The Summary of Yesterday's | | 19-Jul-22 | Generation & Demand |
| Day Peak Generation : | 10923.0 MW | Hour : | 10:00 |
| Evening Peak Generation : | 11739.0 MW | Hour : | 21:00 |
| E.P. Demand (at gen end) : | 14124.0 MW | Hour : | 21:00 |
| Maximum Generation : | 12616.0 MW | Hour : | 2:00 |
| Total Gen. (MKWH) : | 275.2 | System Load Factor : | 90.90% |
| | | Min. Gen. at | 8:00 |
| | | Available Max Generation : | 12051 MW |
| | | Max Demand (Evening) : | 14200 MW |
| | | Reserve(Generation end) | - MW |
| | | Load Shed : | 2085 MW |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | |
|---|-----------|------------|--------------|--------|-----------|
| Export from East grid to West grid :- Maximum | 386 MW | at | 5:00 | Energy | MKWHR. |
| Import from West grid to East grid :- Maximum | - | MW | at | - | Energy |
| vel of Kaptai Lake at 6:00 A.M on | 20-Jul-22 | | | | - MKWHR. |
| Actual : | 91.31 | Fl.(MSL) , | Rule curve : | 87.04 | Fl(MSL) |

| | | | | | |
|--------------------------------|---------|---------------|--------|----------------------|-------------------------|
| Gas Consumec | Total = | 928.35 | MMCFD. | Oil Consumed (PDB) : | |
| | | | | HSD : | Liter |
| | | | | FO : | Liter |
| Cost of the Consumed Fuel (PDE | Gas : | Tk139,384,679 | | | |
| : | Coal : | Tk253,560,532 | Oil : | Tk1,270,375,126 | Total : Tk1,663,320,337 |

Load Shedding & Other Information

| Area | Yesterday | | Estimated Demand (S/S end) | Today | | |
|-----------------|-------------|------|----------------------------|------------------------------|--|-----------------------|
| | MW | | MW | Estimated Shedding (S/S end) | | Rates of Shedding |
| | | | | MW | | (On Estimated Demand) |
| Dhaka | 763 | 0:00 | 5732 | 655 | | 18% |
| Chittagong Are. | 245 | 0:00 | 1598 | 220 | | 31% |
| Khulna Area | 330 | 0:00 | 2103 | 290 | | 36% |
| Rajshahi Area | 303 | 0:00 | 1858 | 265 | | 23% |
| Cumilla Area | 253 | 0:00 | 1586 | 220 | | 21% |
| Mymensingh Ar | 220 | 0:00 | 1305 | 190 | | 24% |
| Sylhet Area | 91 | 0:00 | 589 | 80 | | 20% |
| Barisal Area | 0 | 0:00 | 476 | 0 | | 10% |
| Rangpur Area | 180 | 0:00 | 1030 | 165 | | 14% |
| Total | 2385 | | 16277 | 2085 | | |

Information of the Generating Units under shut down.

| | | |
|--------------------|-----------------------------|--|
| Planned Shut- Down | Forced Shut- Down | |
| | 1) Barapukuria ST: Unit-1,2 | |
| | 2) Ghorasal-3,4 | |
| | 3) Ashuganj-5 | |
| | 4) Baghabari-71,100 MW | |
| | 5) Raozan unit-2 | |
| | 6) Siddhirganj 210 MW . | |
| | 7) Sikalbaha 225 MW | |
| | 8) Shajibazar 330 MW | |
| | 9) Siddhirganj 335 MW | |

Additional Information of Machines, lines, Interruption / Forced Load shed etc.

| | |
|---|---|
| a) Rajshahi 132/33 kV T-2 & T3 transformers tripped at 10:24 from both end showing O/C, E/F relays & 33 kV PBS feeder fault and was switched on at 10:38. | About 75 MW power interruption occurred under Rajshahi S/S area from 10:24 to 10:38. About 10 MW power interruption occurred under B.Baria S/S area from 10:10 to 10:54. |
| b) B.Baria 132/33 kV T-1 & T-2 transformers tripped at 10:10 from both end showing O/C, E/F relays & 33 kV PBS feeder fault and was switched on at 10:54. | |
| c) Sitalakha 132/33 kV T-1 transformer was under shut down from 11:00 to 11:47 for C/M. | |
| d) Rampura-Bashundhara 132 kV Ckt-1 tripped at 11:28 from both end showing Dist. Z1, B-phase relays and was switched on at 11:54. | |
| e) Chaddogram 132/33 kV T-1 transformer was under shut down from 13:31 to 14:46 for red hot maint. | |
| f) Kurigram 132/33 kV T-1 transformer was under shut down from 11:37 to 13:17 for C/M. | |
| g) Madanganj-Haripur 132 kV Ckt was under shut down from 19:51 to 21:41 due to red hot maintenance at 33 kV DS. | |
| h) Sirajganj unit-2 GT was synchronized at 20:20. | |
| i) Bheramara HVDC-Bheramara 400 kV Ckt-3 was switched on at 20:47. | |
| j) Thakurgaon P/P-Thakurgaon S/S 132 kV Ckt tripped at 03:36(20-07-2022) from Thakurgaon S/S end showing Dist. C-phase relays and was switched on at 03:44(20-07-2022). | |
| k) Bogura Confidence unit-2 was shut down at 06:43(20-07-2022) due to work on L/A at Bogura New S/S end and was synchronized at 08:35(20-07-2022). | |

**Sub Divisional Engineer
Network Operation Division**

**Executive Engineer
Network Operation Division**

**Superintendent Engineer
Load Despatch Circle**