

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

QF-LDC-08
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Reporting Date : 21-Jun-19

Till now the maximum generation is :-

12893 MW

21:00 Hrs on 29-May-19

| The Summary of Yesterday's | | 20-Jun-19 Generation & Demand | | Today's Actual Min Gen. & Probable Gen. & Demand | |
|----------------------------|------------|-------------------------------|--------|--|----------|
| Day Peak Generation : | 10190.8 MW | Hour : | 12:00 | Min. Gen. at : | 8:00 |
| Evening Peak Generation : | 12362.0 MW | Hour : | 21:00 | Available Max Generation : | 8332 MW |
| E.P. Demand (at gen end) : | 12362.0 MW | Hour : | 21:00 | Max Demand (Evening) : | 15505 MW |
| Maximum Generation : | 12366.0 MW | Hour : | 23:00 | Reserve(Generation end) : | 11500 MW |
| Total Gen. (MKWH) : | 262.2 | System Load Factor : | 88.36% | Load Shed : | 4005 MW |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | |
|--|-------|------------|-----------|--------------|----------|
| Export from East grid to West grid :- Maximum | | -310 MW | a 1:00 | Energy | MKWHR. |
| Import from West grid to East grid :- Maximum | | MW | a - | Energy | - MKWHR. |
| Water Level of Kaptai Lake at 6:00 A M on Actual : | 76.61 | Fl.(MSL) : | 21-Jun-19 | Rule curve : | 81.30 |
| | | Fl.(MSL) : | | | |

| | | | | | |
|---------------------------------------|---------|---------------|--------|----------------------|---------------|
| Gas Consumed : | Total = | 1365.77 | MMCFD. | Oil Consumed (PDB) : | |
| | | | | HSD : | Liter |
| | | | | FO : | Liter |
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas : | Tk106,283,854 | | Oil : | Tk494,928,757 |
| | Coal : | Tk31,859,483 | | Total : | Tk633,072,094 |

Load Shedding & Other Information

| Area | Yesterday | | Estimated Demand (S/S end) | | Today | | Rates of Shedding (On Estimated Demand) |
|-----------------|-----------|------|----------------------------|--|------------------------------|----|---|
| | MW | | MW | | Estimated Shedding (S/S end) | MW | |
| Dhaka | 0 | 0:00 | 4069 | | 0 | 0 | 0% |
| Chittagong Area | 0 | 0:00 | 1385 | | 0 | 0 | 0% |
| Khulna Area | 0 | 0:00 | 1241 | | 0 | 0 | 0% |
| Rajshahi Area | 0 | 0:00 | 1121 | | 0 | 0 | 0% |
| Comilla Area | 0 | 0:00 | 1013 | | 0 | 0 | 0% |
| Mymensingh Area | 0 | 0:00 | 818 | | 0 | 0 | 0% |
| Sylhet Area | 0 | 0:00 | 456 | | 0 | 0 | 0% |
| Barisal Area | 0 | 0:00 | 210 | | 0 | 0 | 0% |
| Rangpur Area | 0 | 0:00 | 631 | | 0 | 0 | 0% |
| Total | 0 | | 10944 | | 0 | | |

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapul 7) Baghabari 100 MW
- 2) Khulna 8) Ghorasal Unit-7 ST
- 3) Sikalbal 9) Ghorasal # 5
- 4) Bheram 10) Shahjibazar 330 MW GT-2
- 5) Siddhirganj ST
- 6) Ashuganj #4,5

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

| Description | Comments on Power Interruption |
|---|--|
| a) Bianbazar 132/33 kV T2 transformer along with 33 kV bus was under shut down from 08:01 to 12:00 for C/M. b) Bibiyana 230 kV Bus-2 was under shut down from 09:06 to 17:31 for D/W. c) Tangail-Kaliakoir 132 kV Ckt-2 was under shut down from 09:14 to 11:52 for red hot maintenance. d) Feni-Baroierhat 132 kV Ckt-2 was under shut down from 09:58 to 13:30 due to insulator disk change at Baroierhat end. e) Summit Meghnaghat 305 MW tripped at 09:22 due to RMS pressure regulating valve problem and GT-1 & ST were synchronized at 09:39 & 11:39 respectively. f) Rangpur-Rangpur Confidence 132 kV Ckt-2 tripped at 10:10 from both end showing dist.relay at both end and was switched on at 10:33. g) Siddhirganj 335 MW GT was shut down at 12:48 for ST commissioning. h) Chandpur-Comilla (N) 132 kV Ckt-2 tripped at 13:40 from both end showing dist.relay and was switched on at 13:49. i) Faridpur 132/33 kV T1 transformer tripped at 15:31 showing O/C relay at both end and was switched on at 15:36. j) Faridpur 132/33 kV T2 transformer tripped at 15:31 showing CB tripped at 132 kV side & O/C relay at 33 kV side and was switched on at 17:27. k) Ishurdi 230/132 kV T3 transformer tripped at 15:20 operating PRD relay and is still under maintenance. l) Chandraghona 132/33 kV T2 transformer tripped at 16:02 showing winding temperature high and was switched on at 17:12. m) Ghorasal GT-3 was synchronized at 16:21. n) Ghorasal Unit-2 ST tripped at 19:25 due to steam temperature high. o) Mymensingh RPCL tripped at 20:49 due to voltage fluctuation and Unit-2, Unit-4 & ST were synchronized at 21:17, 21:40 & 00:35 (21/06/2019) respectively. p) Mymensingh 132/33 kV T2 transformer tripped at 20:50 from 33 kV side due to sky wire snapped & fell on 33 kV bus and was switched on at 21:22. q) Jangalia 33 MW tripped at 20:13 due to PT burst. r) Comilla (N) -Chandpur 132 kV Ckt-2 was under shut down from 22:28 to 23:49 for removing antenna from conductor and was switched on at 23:49. s) Sylhet-Fenchuganj 132 kV Ckt tripped at 23:15 showing dist.relay at Sylhet end & Dir O/C relay at Fenchuganj end and was switched on at 23:36. t) Sylhet-Fenchuganj P/S 132 kV Ckt tripped at 23:15 from Sylhet end showing dist.relay and was switched on at 23:28. u) Siddhirganj 335 MW GT was synchronized at 07:40 (21/06/2019). v) Sylhet 150 MW was synchronized at 02:10 (21/06/2019). w) Bibiyana Unit-3 was synchronized at 03:55 (21/06/2019). x) Sikalaba-TK Chemical 132 kV Ckt was shut down at 07:09 for D/W. y) TK Chemical-Modunaghat 132 kV Ckt was shut down at 07:13 (21/06/2019) for D/W. z) TK Chemical 132/33 kV transformer was shut down at 07:07 (21/06/2019) for D/W. aa) Savar 132/33 kV T2 transformer was shut down at 06:37 (21/06/2019) for C/M. ab) Tangail-Kaliakoir 132 kV Ckt-1 was shut down at 06:38 (21/06/2019) for C/M. ac) Barapukuria 230/132 kV T1 transformer was shut down at 06:04 (21/06/2019) for C/M. ad) Shahjibazar 132/33 kV T3 transformer was under shut down from 07:10 to 07:55 (21/06/2019) for C/M. | About 130 MW power interruption occurred under Faridpur S/S area from 15:31 to 15:36. About 60 MW power interruption occurred under Mymensingh S/S area from 20:50 to 21:22. About 232 MW power interruption occurred under Sylhet, Chatakat, Sunamganj, Biyanibazar S/S area from 23:15 to 23:26. |

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle