

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

QF-LDC-08  
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Reporting Date : 23-Aug-22

**Till now the maximum generation is :-**

**14782.0**

**21:00 Hrs on 16-Apr-22**

| The Summary of Yesterday's |            | 22-Aug-22            |        | Generation & Demand        |      | Today's Actual Min Gen. & Probable Gen. & Demand |  |
|----------------------------|------------|----------------------|--------|----------------------------|------|--|--|
| Day Peak Generation :      | 11163.0 MW | Hour :               | 12:00  | Min. Gen. at               | 8:00 | 10759 MW   |  |
| Evening Peak Generation :  | 13371.0 MW | Hour :               | 21:00  | Available Max Generation : |      | 13737 MW   |  |
| E.P. Demand (at gen end) : | 14450.0 MW | Hour :               | 21:00  | Max Demand (Evening) :     |      | 14200 MW   |  |
| Maximum Generation :       | 13480.0 MW | Hour :               | 22:00  | Reserve(Generation end)    |      | - MW   |  |
| Total Gen. (MKWH) :        | 286.4      | System Load Factor : | 88.52% | Load Shed                  |      | 466 MW   |  |

| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR |         |        |    |       |        |        |          |
|--|---------|--------|----|-------|--------|--------|----------|
| Export from East grid to West grid :-            | Maximum | 410 MW | at | 20:00 | Energy | MKWHR. |          |
| Import from West grid to East grid :-            | Maximum | -      | MW | at    | -      | Energy | - MKWHR. |

| Water Level of Kaptai Lake at 6:00 A M on 23-Aug-22 |       |            |              |       |          |  |  |
|---|-------|------------|--------------|-------|----------|--|--|
| Actual :  | 94.95 | Fl.(MSL) , | Rule curve : | 96.04 | Fl.(MSL) |  |  |

|                |         |         |        |                      |  |       |  |
|----------------|---------|---------|--------|----------------------|--|-------|--|
| Gas Consumed : | Total = | 1036.09 | MMCFD. | Oil Consumed (PDB) : |  |       |  |
|                |         |         |        | HSD :                |  | Liter |  |
|                |         |         |        | FO :                 |  | Liter |  |

|                                       |        |               |  |       |                 |         |                 |
|---------------------------------------|--------|---------------|--|-------|-----------------|---------|-----------------|
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas :  | Tk155,189,983 |  | Oil : | Tk1,254,082,517 | Total : | Tk1,716,051,092 |
|                                       | Coal : | Tk306,778,593 |  |       |                 |         |                 |

**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           | 130        | 0:00 | 4548                       |  | 107                          | 1% |   |
| Chittagong Area | 0          | 0:00 | 1288                       |  | 49                           | 3% |   |
| Khulna Area     | 174        | 0:00 | 1700                       |  | 71                           | 3% |   |
| Rajshahi Area   | 170        | 0:00 | 1509                       |  | 71                           | 4% |   |
| Cumilla Area    | 180        | 0:00 | 1284                       |  | 57                           | 4% |   |
| Mymensingh Area | 250        | 0:00 | 1061                       |  | 52                           | 4% |   |
| Sylhet Area     | 0          | 0:00 | 474                        |  | 18                           | 3% |   |
| Barisal Area    | 0          | 0:00 | 386                        |  | 0                            | 1% |   |
| Rangpur Area    | 90         | 0:00 | 838                        |  | 41                           | 4% |   |
| <b>Total</b>    | <b>994</b> |      | <b>13086</b>               |  | <b>466</b>                   |    |   |

Information of the Generating Units under shut down.

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

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

|  |  |
|--|--|
| a) Pabna-Ishurdi 132 kV Ckt was under shut down from 10:03 to 18:55 for C/M by Pabna.<br>b) Manikganj 132/33 kV GT-4 transformer was under shut down from 10:25 to 11:49 for red hot maintenance.<br>c) Bheramara-Baharampur 400 kV Ckt-1 was under shut down from 09:25 to 12:56 for C/M.<br>d) Purbasadipur 132/33 kV T-2 transformer was under shut down from 09:39 to 11:45 for C/M.<br>e) Khulna(S)-Khulna 330 MW PS 230 kV Ckt was switched on at 11:07.<br>f) Hathazari 230/132 kV T0-1 transformer was under shut down from 11:40 to 14:52 for C/M.<br>g) Siddhirganj 335 MW GT was synchronized at 08:40.<br>h) Siddhirganj peaking GT-2 was synchronized at 17:28 and was shut down 20:03 for gas pressure low.<br>i) Siddhirganj 335 MW GT was shut down at 17:38 for combined mode operation and was synchronized at 18:48.<br>j) Bagerhat 132/33 kV T-3 transformer was under shut down from 14:48 to 16:36 for replacement of 33 kV feeder loop connected to DS.<br>k) Sonargaon 132/33 kV T-2 transformers tripped at 19:48 due to 33 kV feeder fault and was switched on at 20:01.<br>l) Chandraghona-Rangamati 132 kV Ckt-1,2 tripped at 19:03 showing dist B-phase Z1 Ckt-2 and dist Z1, R-phase,SOTF at Ckt-1 and were switched on at 19:29, 20:26 respectively.<br>m) Hathazari-Kaptai 132 kV Ckt-1,2 tripped at 18:59 showing dist Z1,R & B phase at Hathazari end & dist R & B at Kaptai end and was switched on at 19:24.<br>n) Hathazari 230/132 kV T0-2 transformer was under shut down from 15:42 to 17:45 for C/M.<br>o) Dohazari-Cox's Bazar 132 kV Ckt-1,2 tripped at 14:37 showing dist B phase Ckt-1 & dist C phase Ckt-2 at Dohazari end and were switched on at 14:48,14:49 respectively.<br>p) Sylhet-Chattak 132 kV Ckt-1 tripped at 01:06 from Sylhet end showing dist Z1, A phase relay and was switched on at 01:20(23-08-2022).<br>q) Dhamrai 132/33 kV T-1,T-2 transformers tripped at 04:16(23-08-22) showing O/C, due to 33 kV radio feeder fault and were switched on at 04:22.<br>r) Kabirpur-Kodda 132 kV Ckt-2 was under shut down since at 06:12(23-08-2022) for C/M .<br>s) Halishahar 33 kV bus was under shut down from 07:01(23-08-22) to 09:55 for C/M by PDB. | About 40 MW power interruption occurred under Purbasadipur S/S area from 09:39 to 11:45,<br><br>About 36 MW power interruption occurred under Bagerhat S/S area from 14:48 to 16:36,<br>About 34MW power interruption occurred under Sonargaon S/S area from 19:48 to 20:01,<br>About 22 MW power interruption occurred under Rangamati S/S area from 19:03 to 19:29,<br><br>About 95 MW power interruption occurred under Cox'sbazar, Matarbari S/S area from 14:37 to 14:48,<br>About 20 MW power interruption occurred under Chattak S/S area from 01:06 to 01:20.<br>About 82 MW power interruption occurred under Dhamrai S/S area from 04:16 to 04:22.<br><br>About 60 MW power interruption occurred under Halishahar S/S area from 07:01 to 09:55. |
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**Sub Divisional Engineer  
Network Operation Division**

**Executive Engineer  
Network Operation Division**

**Superintendent Engineer  
Load Despatch Circle**