

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

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Till now the maximum generation is :-

**6065.5 MW**at

19:30:00 PM Hrs

Reporting Date : 13-May-12  
on 22-Mar-12

| The Summary of Yesterday's ( 12-May-12 ) |        | Generation & Demand |              | Today's Actual Min Gen. & Probable Gen. & Demand |         |
|--|--------|---------------------|--------------|--|---------|
| Day Peak Generation :                    | 4107.0 | MW                  | Hour : 10:00 | Min. Gen. at 7:00                                | 3533 MW |
| Evening Peak Generation :                | 5152.0 | MW                  | Hour : 21:00 | Max Generation :                                 | 5105 MW |
| E.P. Demand (at gen end) :               | 6000.0 | MW                  | Hour : 21:00 | Max Demand :                                     | 6000 MW |
| Maximum Generation :                     | 5152.0 | MW                  | Hour : 21:00 | Shortage :                                       | 895 MW  |
| Total Gen. (MKWH) :                      | 100.71 | System L/ Factor :  | 85.41%       | Load Shed :                                      | 805 MW  |

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

|   |            |                    |            |        |        |        |
|---|------------|--------------------|------------|--------|--------|--------|
| Export from East grid to West grid :- Maximum       | 770        | MW                 | at 19:00   | Energy | 15.616 | MKWHR. |
| Import from West grid to East grid :- Maximum       | -          | MW                 | at -       | Energy | -      | MKWHR. |
| Water Level of Kaptai Lake at 6:00 A M on 13-May-12 |            |                    |            |        |        |        |
| Actual : 74.94                                      | Ft.(MSL) , | Rule curve : 79.72 | Ft.( MSL ) |        |        |        |

|                      |        |        |                      |             |
|----------------------|--------|--------|----------------------|-------------|
| Gas Consumed : Total | 853.93 | MMCFD. | Oil Consumed (PDB) : | HSD : Liter |
|                      |        |        |                      | FO : Liter  |

|                                       |                    |                     |                       |
|---------------------------------------|--------------------|---------------------|-----------------------|
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas : Tk68,189,718 | Oil : Tk161,322,941 | Total : Tk238,141,264 |
|                                       | Coal : Tk8,628,605 |                     |                       |

**Load Shedding & Other Information**

| Area            | Yesterday  |                                     | Today                           |   |
|-----------------|------------|-------------------------------------|---------------------------------|---|
|                 | MW         | Estimated Demand(s/s end) from 10MW | Estimated Shedding (s/s end) MW | Rates of Shedding (On Estimated Demand) |
| Dhaka           | 249        | 18:30-04:07 2070                    | 259                             | 13%                                     |
| Chittagong Area | 90         | 18:30-03:50 595                     | 103                             | 17%                                     |
| Khulna Area     | 99         | 18:30-05:15 596                     | 104                             | 17%                                     |
| Rajshahi Area   | 93         | 18:30-04:06 610                     | 106                             | 17%                                     |
| Cornilla Area   | 66         | 18:30-04:06 400                     | 69                              | 17%                                     |
| Mymensing Area  | 49         | 18:30-00:20 355                     | 61                              | 17%                                     |
| Sylhet Area     | 48         | 18:30-00:15 300                     | 22                              | 7%                                      |
| Barisal Area    | 16         | 18:30-05:15 123                     | 21                              | 17%                                     |
| Rangpur Area    | 53         | 18:30-04:06 347                     | 60                              | 17%                                     |
| <b>Total</b>    | <b>763</b> | <b>21:00 5396</b>                   | <b>805</b>                      |   |

Information of the Generating machines under shut down.

| Planned Shut- Down  | Forced Shut- Down  |
|---|--|
| 1) Haripur SBU GT-3 (18/06/09)<br>2) Ghorasal 2(26/04/10)<br>3) Kaptai #3 (1/12/10) | 1) Ghorasal 6(18/07/10) 9) WMPL #2(11/5/12)<br>2) Ashuganj-1(09/11/10)<br>3) Khulna-60 MW(24/1/12)<br>4) B.Pukuria #1(1/5/12)<br>5) Baghabari-71 MW(6/3/12)<br>6) Siddhirganj ST 210 MW (1/8/11)<br>7) WMPL #1(1/5/12)<br>8) Shahjibazar #5 & 6(21/7/11) |

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

| Description  | Forced load shaded / Interrupted Areas  |
|--|---|
| a) There was generation shortage in the evening peak hour yesterday.<br>b) Due to low gas pressure HPL 360 MW, Siddhirganj 210 MW and Tongi 105 MW were limited to 347 MW, 106 MW & 95 MW respectively.<br>c) Hasnabad 230/132 kV Tr-3 transformer was under shut down from 08:31 to 21:25 due to B-phase CT changing.<br>d) Sylhet-Chattak 132kV Ckt-1 was under shut down from 11:48 to 11:59 due to restringing and Ckt-2 was under shut down from 11:52 to 15:40 due to isolator problem at Sylhet end.<br>e) Ashuganj-Kishoreganj 132kV Ckt-2 tripped at 12:03 from Ashuganj end showing dist.AB relay and was switched on at 12:23.<br>f) Ashuganj CAPP GT-1 & ST tripped at 12:02 due to controller pressure failure and was synchronized at 13:36.<br>g) Ghorasal #3 was forced shut down at 13:17 due to furnace water wall leakage.<br>h) Khulna 110MW was synchronized at 14:29 and tripped at 18:40 & again synchronized at 20:45.<br>i) Bagerhat 132/33kV T-1 & 2 tripped at 14:56 showing O/C relay and were switched on at 14:58, 15:00 respectively.<br>j) Bagerhat-Goalpara 132kV line tripped at 15:06 from both end showing DRSTE at Bagerhat end & DRE at Goalpara end and was switched on at 17:56.<br>k) Due to heavy rainfall & storm the following 132kV lines tripped at 03:35(13/5/12) : Hasnabad-Kalyanpur from Kalyanpur end showing O/C,E/F relay, Hasnabad-Shympur from Kalyanpur end showing O/C,E/F relay,Kalyanpur-Kamrangirchar from both end showing dist.A, Z1 relay. Lines were switched on at 03:50, 03:48, 05:37 (13/5/12) respectively.<br>l) Megnaghat AES GT-1 tripped at 05:09(13/5/12) due to controller failed and was synchronized at 11:14. It again tripped at 12:01(13/5/12) due to exhaust temperature high.<br>m) Tongi GT tripped at 05:15(13/5/12) due to combustion problem. | So about 763 MW (21:00) of load shed was imposed over the whole areas of the national grid .<br><br>Power interruption occurred (about 10 MW) under Chattak S/S area from 11:48 to 11:59.<br><br>Power interruption occurred (about 20 MW) under Bagerhat S/S area from 14:56 to 14:58.<br><br>Due to generation shortage, about 459 MW (09:00) of load shed has been running since morning (13/5/12) over the whole area (except Sylhet & Mymensing) of the national grid. |

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle