

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

QF-LDC-08  
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Reporting Date : 8-Feb-12

Till now the maximum generation is :-

|                                     |        |                     |        |                                  |                  |   |         |
|-------------------------------------|--------|---------------------|--------|----------------------------------|------------------|---|---------|
|                                     |        | <b>5243.5 MW</b> at |        | <b>22:00</b>                     | Hrs              | on <b>29-Aug-11</b>   |         |
| <b>The Summary of Yesterday's (</b> |        | <b>7-Feb-12</b>     |        | <b>) Generation &amp; Demand</b> |                  | <b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b> |         |
| Day Peak Generation :               | 4202.0 | MW                  | Hour : | 9:00                             | Min. Gen. at     | 4:00  | 3063 MW |
| Evening Peak Generation :           | 4738.0 | MW                  | Hour : | 20:00                            | Max Generation : |   | 4757 MW |
| E.P. Demand (at gen end) :          | 5250.0 | MW                  | Hour : | 20:00                            | Max Demand :     |   | 5300 MW |
| Maximum Generation :                | 4738.0 | MW                  | Hour : | 20:00                            | Shortage :       |   | 543 MW  |
| Total Gen. (MKWH) :                 | 94.29  | System L/ Factor :  |        | 85.41%                           | Load Shed :      |   | 499 MW  |

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

|  |       |            |              |       |            |        |        |
|--|-------|------------|--------------|-------|------------|--------|--------|
| Export from East grid to West grid :- Maximum      | 700   | MW         | at           | 7:00  | Energy     | 12.104 | MKWHR. |
| Import from West grid to East grid :- Maximum      | -     | MW         | at           | -     | Energy     | -      | MKWHR. |
| Water Level of Kaptai Lake at 6:00 A M on 8-Feb-12 |       |            |              |       |            |        |        |
| Actual :   | 89.44 | Ft.(MSL) , | Rule curve : | 96.02 | Ft.( MSL ) |        |        |

|                |       |        |        |                      |  |       |  |
|----------------|-------|--------|--------|----------------------|--|-------|--|
| Gas Consumed : | Total | 698.75 | MMCFD. | Oil Consumed (PDB) : |  |       |  |
|                |       |        |        | HSD :                |  | Liter |  |
|                |       |        |        | FO :                 |  | Liter |  |

|                                       |        |              |       |               |         |               |
|---------------------------------------|--------|--------------|-------|---------------|---------|---------------|
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas :  | Tk55,797,976 | Oil : | Tk297,429,596 | Total : | Tk358,924,411 |
|                                       | Coal : | Tk5,696,839  |       |               |         |               |

**Load Shedding & Other Information**

| Area            | Yesterday  |               | Today                                |                                 |   |
|-----------------|------------|---------------|--------------------------------------|---------------------------------|---|
|                 | MW         |               | Estimated Demand(s/s end) from 10:00 | Estimated Shedding (s/s end) MW | Rates of Shedding (On Estimated Demand) |
| Dhaka           | 154        | (18:00-22:00) | 1865                                 | 143                             | 8%                                      |
| Chittagong Area | 57         | (18:00-21:45) | 518                                  | 64                              | 12%                                     |
| Khulna Area     | 63         | (18:00-21:50) | 547                                  | 68                              | 12%                                     |
| Rajshahi Area   | 51         | (18:00-22:05) | 570                                  | 70                              | 12%                                     |
| Comilla Area    | 45         | (18:00-22:10) | 426                                  | 53                              | 12%                                     |
| Mymensing Area  | 37         | (18:00-19:55) | 309                                  | 38                              | 12%                                     |
| Sylhet Area     | 20         | (18:00-19:55) | 226                                  | 12                              | 5%                                      |
| Barisal Area    | 9          | (18:00-21:50) | 105                                  | 13                              | 12%                                     |
| Rangpur Area    | 25         | 18:00-22:05   | 306                                  | 38                              | 12%                                     |
| <b>Total</b>    | <b>461</b> | 20:00         | <b>4872</b>                          | <b>499</b>                      |   |

Information of the Generating machines under shut down.

| Planned Shut- Down             | Forced Shut- Down  |
|--------------------------------|--|
| 1) Haripur SBU GT-3 (18/06/09) | 1) Ghorasal 6(18/07/10) 09) Ashuganj-3(10/11/11)               |
| 2) Ghorasal 2(26/04/10)        | 2) Ashuganj-1(09/11/10) 10) Khulna-110 MW(7/11/11)             |
| 3) Kaptai #3 (1/12/10)         | 3) Raozan-2 (26/03/11) 11) Sikalbaha 60 MW(16/11/11)           |
|                                | 4) WMPL #2(1/8/11) 12) Raozan-1 (24/11/11)                     |
|                                | 5) Bhola RPP (18/7/11) 13) Khulna-60 MW(24/1/12)               |
|                                | 6) Siddhirganj ST 210 MW (1/8/11) 14) Baghabari-71 MW(26/1/12) |
|                                | 7) Sikalbaha GT 150MW (14/11/11) 15) B.Pukuria #1(1/2/12)      |
|                                | 8) Shahjibazar #5 & 6(21/7/11) 16) Haripur-360 MW(07/02/12)    |

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

| Description  | Forced load shaded / Interrupted Areas   |
|--|--|
| <p>a) There was generation shortage in the evening peak hour yesterday.</p> <p>b) Due to low gas pressure Siddhirganj 210 MW , Megnaghat 450 MW and Tongi 105 MW were limited to 70 MW, 438 MW and 50 MW respectively.</p> <p>c) Rampura-Maghbazar 132 kV Ckt was under shut down from 09:10 to 09:29 due to A/M.</p> <p>d) Mymensing-RPCL 132 kV Ckt-1 was under shut down from 10:15 to 15:50 due to A/M.</p> <p>e) Rangpur-Saidpur 132 kV Ckt-2 was under shut down from 09:35 to 16:10 due to A/M.</p> <p>f) Ullon-Rampura 132 kV Ckt-1,Ullon-Siddhirganj 132 kV Ckt-1 and Rampura-Mogbazar 132 kV Ckt-1 tripped at 09:15 due to shut down of Rampura-Mogbazar 132 kV Ckt-2 and were switched on at 09:38, 09:40 &amp; 14:40 respectively.</p> <p>g) Gopalganj 132/33 kV T1 &amp; T2 transformer tripped at 20:58 &amp; 20:59 due to over voltage and were switched on at 21:05.</p> <p>h) Madaripur 132/33 kV T2 &amp; T1 transformers tripped at 09:01 due to O/C &amp; over voltage and were switched on at 21:04 &amp; 21:05 respectively.</p> <p>i) Goalpara QRPP(55 MW) tripped at 21:05 due to over voltage and was synchronized at 21:23.</p> <p>j) Gopalganj RPP(50 MW) tripped at 21:01 due to over voltage and was synchronized at 21:28.</p> | <p>So about 461 MW (20:00) of load shed was imposed over the whole areas of the national grid .</p> <p>Due to generation shortage, about 132 MW (09:00) of load shed has been running since morning (8/2/12) over the whole area (except-Sylhet &amp; Mymensing) of the national grid.</p> |

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle