

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

QF-LDC-08  
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|  |        |                    |                       |                      |                  |  |  |               |
|--|--------|--------------------|-----------------------|----------------------|------------------|--|--|---------------|
| Till now the maximum generation is :-            |        |                    |                       | 4698.5 MW at         | 21:00            | Hrs  | Reporting Date : 22-Dec-10<br>on 20-Aug-10 |               |
| The Summary of Yesterday's (                     |        | 21-Dec-10          | ) Generation & Demand |                      |                  | Today's Actual Min Gen. & Probable Gen. & Demand |  |               |
| Day Peak Generation :                            | 3166.0 | MW                 | Hour :                | 10:00                | Min Gen. at      | 4:00   | 2222                                       | MW            |
| Evening Peak Generation :                        | 3546.0 | MW                 | Hour :                | 19:30                | Max Generation : |  | 3539                                       | MW            |
| E.P. Demand (at gen end) :                       | 4150.0 | MW                 | Hour :                | 19:30                | Max Demand :     |  | 4150                                       | MW            |
| Maximum Generation :                             | 3546.0 | MW                 | Hour :                | 19:30                | Shortage :       |  | 612  | MW            |
| Total Gen. (MKWH) :                              | 71.51  | System L/ Factor : |                       | 85.41%               | Load Shed :      |  | 549  | MW            |
| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR |        |                    |                       |                      |                  |  |  |               |
| Export from East grid to West grid :- Maximum    |        |                    | 500                   | MW                   | at               | 6:00   | Energy                                     | 8657000 KWHR. |
| Import from West grid to East grid :- Maximum    |        |                    | -                     | MW                   | at               | -  | Energy                                     | - KWHR.       |
| Water Level of Kaptai Lake at 6:00 A M of        |        |                    |                       | 22-Dec-10            |                  |  |  |               |
| Actual :   | 98.50  | Ft.(MSL) ,         | Rule curve :          |                      | 104.10           | Ft.(MSL)   |  |               |
|  |        |                    |                       |                      |                  |  |  |               |
| Gas Consumed :                                   | Total  | 577.49             | MMCFt.                | Oil Consumed (PDB) : |                  |  |  |               |
|  |        |                    |                       | HSD :                |                  | 877236   | Liter                                      |               |
|  |        |                    |                       | FO :                 |                  | 1474201  | Liter                                      |               |
|  |        |                    |                       |                      |                  |  |  |               |
| Cost of the Consumed Fuel (PDB) : Gas :          |        | Tk42,682,286       |                       | Oil :                |                  | Tk64,573,464                                     | Total : Tk107,255,750                      |               |

**Load Shedding & Other Information**

| Area            | Yesterday  |                             | Today                     |                           |                       |
|-----------------|------------|-----------------------------|---------------------------|---------------------------|-----------------------|
|                 |            |                             | Estimated Demand(s/s end) | Estimated Shedding (s/s e | Rates of Shedding     |
|                 | MW         |                             | from tðMW                 | MW                        | (On Estimated Demand) |
| Dhaka           | 196        | (16:50-22:10 gen. shortage) | 1607                      | 200                       | 12%                   |
| Chittagong Area | 79         | (16:50-22:10 gen. shortage) | 454                       | 79                        | 17%                   |
| Khulna Area     | 70         | (16:50-21:45 gen. shortage) | 415                       | 72                        | 17%                   |
| Rajshahi Area   | 58         | (16:50-21:50 gen. shortage) | 340                       | 59                        | 17%                   |
| Comilla Area    | 45         | (16:50-21:45 gen. shortage) | 268                       | 46                        | 17%                   |
| Mymensing Area  | 34         | (16:50-21:45 gen. shortage) | 173                       | 30                        | 17%                   |
| Sylhet Area     | 15         | (16:50-21:40 gen. shortage) | 200                       | 17                        | 9%                    |
| Barisal Area    | 14         | (16:50-21:45 gen. shortage) | 79                        | 13                        | 16%                   |
| Rangpur Area    | 31         | (16:50-21:45 gen. shortage) | 191                       | 33                        | 17%                   |
| <b>Total</b>    | <b>542</b> | 19:30                       | <b>3727</b>               | <b>549</b>                |                       |

Information of the Generating machines under shut down.

| Planned Shut- Down             | Forced Shut- Down           |
|--------------------------------|-----------------------------|
| 1) Haripur SBU GT-3 (18/06/09) | 9) Kaptai #3 (1/12/10)      |
| 2) Ghorasal 2(26/04/10)        | 10) Barapukuria-1(09/11/10) |
| 3) Siddirganj GT-1 (18/06/10)  | 11) Barapukuria-2(20/12/10) |
| 4) Ashuganj-4(12/09/10)        |                             |
| 5) Raozan-1 (03/10/10)         |                             |
| 6) Sikalbaha GT (24/10/10)     |                             |
| 7) Raozan-2 (21/10/10)         |                             |
| 8) Kaptai #5 (02/11/10)        |                             |

**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.                                     | So about 542 MW (19:30) of load shed was imposed over the whole areas of the national grid . |
| b) Due to low gas pressure RPCL (210 MW) and Tongi (105 MW) were limited to 91 MW and 0 MW respectively. |  |
| c) Mymensing-Jamalpur 132kV line-1 was under shut down from 07:45 to 15:43 due to annual maint.          |  |
| d) Aminbazar-Kalyanpur 132kV line-2 was under shut down from 08:31 to 17:22 due to annual maint.         |  |
| e) Comilla(N)-Feni 132kV line-2 was under shut down from 08:33 to 16:13 due to annual maint.             |  |
| f) Sreemongal-Fenchuganj 132kV line-2 was under shut down from 08:02 to 14:49 due to annual maint.       |  |
| g) Madanhat-Kaptai 132kV line-1 was under shut down from 08:40 to 16:54 due to annual maint.             |  |
| h) Mymensing-Netrokona 132kV line-1 was under shut down from 08:45 to 16:15 due to annual maint.         |  |
| i) Bogra-Seraiganj 132kV line-1 was under shut down from 08:51 to 15:18 due to annual maintenance.       |  |
| j) Saidpur-Barapukuria 132kV line-2 was under shut down from 09:20 to 15:25 due to annual maint.         |  |
| k) Jhenidah-Jessore 132kV line-1 was under shut down from 08:18 to 16:40 due to annual maint.            |  |
| l) Khulna Central 132/33 kV T3 X-former was under shut down from 09:45 to 14:12 due to annual maint.     |  |
| Deputy / Asstt. Manager<br>Network Operation Division  | Deputy General Manager<br>Load Despatch Circle   |

Manager  
Network Operation Division