

**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 : 25-Sep-10<br>on 20-Aug-10                      |         |
| <b>The Summary of Yesterday's (</b>   |        | 24-Sep-10          | <b>) Generation &amp; Demand</b> |        | <b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b> |         |
| Day Peak Generation :                 | 3741.0 | MW                 | Hour :                           | 12:00  | Min Gen. at 7:00  | 3388 MW |
| Evening Peak Generation :             | 4377.5 | MW                 | Hour :                           | 20:00  | Max Generation :  | 4355 MW |
| E.P. Demand (at gen end) :            | 5150.0 | MW                 | Hour :                           | 20:00  | Max Demand :  | 5250 MW |
| Maximum Generation :                  | 4377.5 | MW                 | Hour :                           | 20:00  | Shortage :  | 895 MW  |
| Total Gen. (MKWH) :                   | 93.48  | System L/ Factor : |                                  | 85.41% | Load Shed :   | 786 MW  |

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

|   |         |            |              |         |            |                |
|---|---------|------------|--------------|---------|------------|----------------|
| Export from East grid to West grid :-               | Maximum | 580        | MW           | at 5:00 | Energy     | 11960000 KWHR. |
| Import from West grid to East grid :-               | Maximum | -          | MW           | at -    | Energy     | - KWHR.        |
| Water Level of Kaptai Lake at 6:00 A M of 25-Sep-10 |         |            |              |         |            |                |
| Actual :  | 107.91  | Ft.(MSL) , | Rule curve : | 104.56  | Ft.( MSL ) |                |

|                      |        |        |                      |       |         |       |
|----------------------|--------|--------|----------------------|-------|---------|-------|
| Gas Consumed : Total | 758.76 | MMCFt. | Oil Consumed (PDB) : |       |         |       |
|                      |        |        |                      | HSD : | 1731979 | Liter |
|                      |        |        |                      | FO :  | 0       | Liter |

Cost of the Consumed Fuel (PDB) : Gas : Tk56,079,952 Oil : Tk69,279,170 Total : Tk125,359,122

**Load Shedding & Other Information**

| Area            | Yesterday  |                             | Today                     |                              |                       |
|-----------------|------------|-----------------------------|---------------------------|------------------------------|-----------------------|
|                 |            |                             | Estimated Demand(s/s end) | Estimated Shedding (s/s end) | Rates of Shedding     |
|                 | MW         |                             | from to MW                | MW                           | (On Estimated Demand) |
| Dhaka           | 247        | (17:45-00:44 gen. shortage) | 1988                      | 300                          | 15%                   |
| Chittagong Area | 102        | (17:45-00:35 gen. shortage) | 570                       | 116                          | 20%                   |
| Khulna Area     | 90         | (17:50-23:48 gen. shortage) | 518                       | 105                          | 20%                   |
| Rajshahi Area   | 77         | (17:50-23:51 gen. shortage) | 426                       | 86                           | 20%                   |
| Comilla Area    | 60         | (17:50-23:40 gen. shortage) | 335                       | 67                           | 20%                   |
| Mymensing Area  | 43         | (17:50-23:54 gen. shortage) | 222                       | 45                           | 20%                   |
| Sylhet Area     | -          | 0                           | 214                       | -                            | -                     |
| Barisal Area    | 18         | (17:50-23:02 gen. shortage) | 99                        | 19                           | 19%                   |
| Rangpur Area    | 41         | (17:50-23:00 gen. shortage) | 237                       | 48                           | 20%                   |
| <b>Total</b>    | <b>678</b> | 20:00                       | <b>4609</b>               | <b>786</b>                   |                       |

Information of the Generating machines under shut down.

| Planned Shut- Down | Forced Shut- Down   |
|--------------------|---|
|                    | 1) Kaptai- 3 (19/04/08)<br>2) Khulna 110MW (31/03/09)<br>3) Haripur SBU GT-3 (18/06/09)<br>4) Ghorasal 2(26/04/10)<br>5) Siddirganj GT-1 (18/06/10)<br>6 ) Ghorasal 6(18/07/10)<br>7)Ghorasal-5(12/09/10) |
|                    | 8) Ashuganj-4(12/09/10)   |

**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 678 MW (20:00) of load shed was imposed over the whole(except Sylhet) areas of the national grid . |
| b) Due to low gas pressure Raozan (360 MW) and Tongi GT (105 MW) were limited to 270 MW and 75 MW respectively.  |   |
| c) Kaptai #1 was shut down at 07:25 due to monthly maint, and was synchronized at 11:55.   |   |
| d)After maintenance Baghabari WMPL #1 & #2 were synchronized at 11:32 and 11:15 respectively.  |   |
| e) Ashuganj CCPP GT-2 tripped at 16:31 due to power failure of vibration & temperature monitor and was synchronized at 19:06.  |   |
| f) Baghabari 100 MW tripped at 23:05 due to combustion trouble and was synchronized at 10:40(25/9/2010).   |   |
| g) RPCL GT-1,GT-2 & St tripped at 06:55 (25/9/10) due to low gas pressure and GT-1,GT-2 were synchronized at 7:56(25/9/10) & 7:456 (25/9/10) respectively.Steam may be synchronize before evening peak .                               |   |
| h) Ashuganj - Ghorasal 132 KV line-1 tripped at 13:30 showing dist BC, Z2 at Ashuganj end & dist BC,Z2 at Ghorasal end and was switched on at 14:25. At the same time Ghorasal quick RPP tripped and was synchronized at 14:20.        |   |
| i) Fenchuganj PS - Sylhet 132 KV line-2 tripped from Fenchuganj end at 03:15 (25/9/10) showing dist protection and the line is under maintenance. At the same time Fenchuganj RPP also tripped and was synchronized at 7:45(25/9/10) . |   |

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle