

**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 : **13-Sep-10**  
on **20-Aug-10**

| The Summary of Yesterday's ( 12-Sep-10 ) |        | Generation & Demand |              | Today's Actual Min Gen. & Probable Gen. & Demand |         |
|--|--------|---------------------|--------------|--|---------|
| Day Peak Generation :                    | 3040.0 | MW                  | Hour : 12:00 | Min Gen. at 8:00                                 | 2841 MW |
| Evening Peak Generation :                | 4298.5 | MW                  | Hour : 20:00 | Max Generation :                                 | 4202 MW |
| E.P. Demand (at gen end) :               | 4500.0 | MW                  | Hour : 20:00 | Max Demand :                                     | 4700 MW |
| Maximum Generation :                     | 4298.5 | MW                  | Hour : 20:00 | Shortage :                                       | 498 MW  |
| Total Gen. (MKWH) :                      | 82.09  | System L/ Factor :  | 85.41%       | Load Shed :                                      | 437 MW  |

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

|   |         |            |              |          |          |                |
|---|---------|------------|--------------|----------|----------|----------------|
| Export from East grid to West grid :-               | Maximum | 584        | MW           | at 24:00 | Energy   | 12266000 KWHR. |
| Import from West grid to East grid :-               | Maximum | -          | MW           | at -     | Energy   | - KWHR.        |
| Water Level of Kaptai Lake at 6:00 A M of 13-Sep-10 |         |            |              |          |          |                |
| Actual :  | 106.89  | Ft.(MSL) , | Rule curve : | 101.76   | Ft.(MSL) |                |

Gas Consumed : Total 698.77 MMCFt. Oil Consumed (PDB) :  
HSD : 1268873 Liter  
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk51,646,091 Oil : Tk50,754,930 Total : Tk102,401,021

**Load Shedding & Other Information**

| Area            | Yesterday  |                             | Today                                |                                 |   |
|-----------------|------------|-----------------------------|--------------------------------------|---------------------------------|---|
|                 | MW         |                             | Estimated Demand(s/s end) from to MW | Estimated Shedding (s/s end) MW | Rates of Shedding (On Estimated Demand) |
| Dhaka           | -          | 0                           | 1791                                 | 164                             | 9%                                      |
| Chittagong Area | 37         | (18:10-22:05 gen. shortage) | 502                                  | 65                              | 13%                                     |
| Khulna Area     | 35         | (18:10-22:50 gen. shortage) | 456                                  | 58                              | 13%                                     |
| Rajshahi Area   | 32         | (18:10-22:53 gen. shortage) | 375                                  | 47                              | 13%                                     |
| Comilla Area    | 27         | (18:10-22:53 gen. shortage) | 297                                  | 39                              | 13%                                     |
| Mymensing Area  | 20         | (18:10-22:43 gen. shortage) | 195                                  | 25                              | 13%                                     |
| Sylhet Area     | -          | 0                           | 208                                  | -                               | -                                       |
| Barisal Area    | 8          | (18:10-22:50 gen. shortage) | 90                                   | 12                              | 13%                                     |
| Rangpur Area    | 18         | (18:10-22:44 gen. shortage) | 210                                  | 27                              | 13%                                     |
| <b>Total</b>    | <b>177</b> | <b>20:00</b>                | <b>4124</b>                          | <b>437</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-4(11/09/10) |

**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.<br>b) Due to gas limitation RPCL (210 MW) and HPL (360 MW) were limited to 157 MW and 350 MW respectively .<br>c) Ghorasal -5 tripped at 12: 16 due to ID & FD fan trip.<br>d) Khulna 60MW tripped at 13:01 due to voltage fluctuation.<br>e) Barapukuria -1 tripped at 06:34(13/09/10) due to coal mill problem.<br>f) Barapukuria -2 tripped at 07:20 due to tripping of turbine.<br>g) Shahjibazar - Sreemongal 132 KV line -2 was shut down at 05:52 (13/09/10) for development workt Shahjibazar end.<br>h) Sreemongal - Fenchuganj 132 KV line -2 tripped at 20:51 showing distance relays and was switched on at 21:01.<br>i) Rangpur - Syeedpur 132 KV line -1 tripped at 07:25(13/09/10) showing SOTF and was switched on at 08:15.<br>j) Hasnabad 132/33 KV T6 transformer was shut down at 09:25 due to red hot maintenance and was switched on at 11:02.<br>k) Halishahar 132/33 KV T2 transformer was shut down at 09:40 due to red hot at CT's secondary clam and was switched on at 11:45.. | So about 177 MW (20:00) of load shed was imposed over the whole (except Sylhet) areas of the national grid . |

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle