

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

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Till now the maximum generation is :- **4698.5 MW** at **21:00** Hrs on **20-Aug-10** Reporting Date : **13-Dec-10**

| The Summary of Yesterday's ( 12-Dec-10 ) |        | Generation & Demand |        | Today's Actual Min Gen. & Probable Gen. & Demand |                  |         |
|--|--------|---------------------|--------|--|------------------|---------|
| Day Peak Generation :                    | 3168.0 | MW                  | Hour : | 12:00  | Min Gen. at 4:00 | 2421 MW |
| Evening Peak Generation :                | 3394.6 | MW                  | Hour : | 20:00  | Max Generation : | 3565 MW |
| E.P. Demand (at gen end) :               | 4200.0 | MW                  | Hour : | 20:00  | Max Demand :     | 4200 MW |
| Maximum Generation :                     | 3394.6 | MW                  | Hour : | 20:00  | Shortage :       | 635 MW  |
| Total Gen. (MKWH) :                      | 71.81  | System L/ Factor :  |        | 85.41%   | Load Shed :      | 472 MW  |

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

|   |         |            |              |         |            |               |
|---|---------|------------|--------------|---------|------------|---------------|
| Export from East grid to West grid :-               | Maximum | 430        | MW           | at 1:00 | Energy     | 7257000 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-Dec-10 |         |            |              |         |            |               |
| Actual :  | 99.83   | Ft.(MSL) , | Rule curve : | 104.90  | Ft.( MSL ) |               |

Gas Consumed : Total 576.01 MMCFt. Oil Consumed (PDB) :  
HSD : 1648304 Liter  
FO : 1022358 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk42,572,899 Oil : Tk86,379,318 Total : Tk128,952,217

**Load Shedding & Other Information**

| Area            | Yesterday  |                             | Today                     |                            |                       |
|-----------------|------------|-----------------------------|---------------------------|----------------------------|-----------------------|
|                 |            |                             | Estimated Demand(s/s end) | Estimated Shedding (s/s e) | Rates of Shedding     |
|                 | MW         |                             | from to MW                | MW                         | (On Estimated Demand) |
| Dhaka           | 346        | (16:50-22:50 gen. shortage) | 1612                      | 186                        | 12%                   |
| Chittagong Area | 106        | (16:50-22:32 gen. shortage) | 445                       | 65                         | 15%                   |
| Khulna Area     | 67         | (16:50-22:21 gen. shortage) | 407                       | 60                         | 15%                   |
| Rajshahi Area   | 53         | (16:50-22:16 gen. shortage) | 334                       | 49                         | 15%                   |
| Comilla Area    | 36         | (16:50-22:22 gen. shortage) | 264                       | 39                         | 15%                   |
| Mymensing Area  | 42         | (16:50-22:00 gen. shortage) | 168                       | 23                         | 14%                   |
| Sylhet Area     | 17         | (16:50-22:35 gen. shortage) | 195                       | 10                         | 5%                    |
| Barisal Area    | 18         | (16:50-22:21 gen. shortage) | 79                        | 12                         | 15%                   |
| Rangpur Area    | 42         | (16:50-22:16 gen. shortage) | 188                       | 28                         | 15%                   |
| <b>Total</b>    | <b>727</b> | <b>20:00</b>                | <b>3692</b>               | <b>472</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) Megnaghat P. Ltd GT-1(7/11/10) |
| 3) Siddirganj GT-1 (18/06/10)  | 11) Barapukuria-1(09/11/10)        |
| 4) Ashuganj-4(12/09/10)        | 4) Siddirganj-210MW(23/11/10)      |
| 5) Raozan-1 (03/10/10)         | 5) Khulna 110MW (11/12/10)         |
| 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 727 MW (20:00) 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 30 MW respectively.  |  |
| c) 132 KV Mymensingh - Jamalpur line-1 (from 07:24 to 15:16), Comilla (N) - Feni (from 08:22 to 16:39), Kulshi - Bakulia line-1 (from 08:40 to 16:30), Dohazari - Cox's Bazar line-1 (from 08:42 to 17:17), Bheramara - Bottail line-2 (from 08:44 to 16:12), Ishurdi - Baghabari line-1 (from 08:50 to 16:49), Rangpur - Barapukuria line-1 (from 09:30 to 17:05), Tongi - Bashundhara line-2 (from 11:52 to 15:13) and 230 KV Rampura -Ghorasal line-1(from 07:25 to 17:41), Megnaghat-Hasnabad line-2 (from 09:15 to 17:11), Haripur 230 KV S/S - AES Haripur line-2 (from 11:30 to 16:01) were under annual maintenance. |  |
| d) Khulna (S) 230/132 T02 X-former was under shut down from 10:03 to 16:16 due to annual maint.  |  |
| e) Haripur - Rampura 230 KV line-1 tripped at 07:58 showing DEF, diff & dist. protection relays and was switched on at 20:27.  |  |
| f) Ghorasal-Rampura 230 KV line-1 tripped at 07:58 from both end showing dist, protection, main-1, main-2, AN, Z-1 relays and was switched on 22:57.   |  |
| g) Ghorasal-Rampura 230 KV line-2 tripped at 07:58 from Rampura end showing dist, primary, differential relays and was switched on at 08:10.   |  |
| h) After maintenance Ghorasal #3 was synchronized at 22:09.  |  |

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle