

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

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Till now the maximum generation is :-

**6350 MW** at

21:00

Hrs

Reporting Date : 13-Jan-13  
on 4-Aug-12

| The Summary of Yesterday's ( |   | 12-Jan-13 |                  | ) Generation & Demand |        | Today's Actual Min Gen. & Probable Gen. & Demand |                           |
|------------------------------|---|-----------|------------------|-----------------------|--------|--|---------------------------|
| Day Peak Generation          | : | 3500.0    | MW               | Hour                  | :      | 9:00   | Min. Gen. at 5:00 2715 MW |
| Evening Peak Generation      | : | 4473.0    | MW               | Hour                  | :      | 20:00  | Max Generation : 4595 MW  |
| E.P. Demand (at gen end)     | : | 5000.0    | MW               | Hour                  | :      | 20:00  | Max Demand : 5100 MW      |
| Maximum Generation           | : | 4473.0    | MW               | Hour                  | :      | 20:00  | Shortage : 505 MW         |
| Total Gen. (MKWH)            | : | 81.79     | System L/ Factor | :                     | 84.99% | Load Shed  | : 462 MW                  |

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

|   |     |    |         |        |        |        |
|---|-----|----|---------|--------|--------|--------|
| Export from East grid to West grid :- Maximum | 550 | MW | at 8:00 | Energy | 10.183 | MKWHR. |
| Import from West grid to East grid :- Maximum | -   | MW | at -    | Energy | -      | MKWHR. |

Water Level of Kaptai Lake at 6:00 A M on

13-Jan-13

Actual : 101.41 Ft.(MSL) , Rule curve : 100.72 Ft.(MSL)

|                      |        |        |                      |             |
|----------------------|--------|--------|----------------------|-------------|
| Gas Consumed : Total | 681.65 | MMCFD. | Oil Consumed (PDB) : | HSD : Liter |
|                      |        |        |                      | FO : Liter  |

Cost of the Consumed Fuel (PDB+Pvt) : Gas : Tk54,432,472  
Coal : Tk10,137,429 Oil : Tk106,622,373 Total : Tk171,192,274

**Load Shedding & Other Information**

| Area            | Yesterday  |               | Estimated Demand(s/s end)<br>from 10MW | Today                              |  |
|-----------------|------------|---------------|--|------------------------------------|--|
|                 | MW         | (09:00-22:00) |  | Estimated Shedding (s/s end)<br>MW | Rates of Shedding<br>(On Estimated Demand) |
| Dhaka           | 156        | (09:00-22:00) | 1840                                   | 137                                | 7%   |
| Chittagong Area | 61         | (09:00-22:00) | 530                                    | 63                                 | 12%  |
| Khulna Area     | 62         | (09:00-22:00) | 570                                    | 66                                 | 12%  |
| Rajshahi Area   | 56         | (09:00-22:00) | 515                                    | 63                                 | 12%  |
| Cornilla Area   | 43         | (09:00-22:00) | 340                                    | 39                                 | 11%  |
| Mymensing Area  | 33         | (09:00-22:00) | 264                                    | 32                                 | 12%  |
| Sylhet Area     | 33         | (09:00-22:00) | 262                                    | 20                                 | 8%   |
| Barisal Area    | 8          | (09:00-22:00) | 107                                    | 13                                 | 12%  |
| Rangpur Area    | 31         | (09:00-22:00) | 242                                    | 29                                 | 12%  |
| <b>Total</b>    | <b>483</b> | 20:00         | <b>4670</b>                            | <b>462</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)        |
| 2) Ghorasal 2(26/04/10)        | 2) Ashuganj-2(25/12/12)        |
| 3) Sikalbaha-60 MW(2/7/12)     | 3) Khulna-60 MW(24/1/12)       |
|                                | 4) Shahjibazar #5 & 6(21/7/11) |
|                                | 5) Sikalbaha GT(16/9/12)       |
|                                | 6) Khulna-110 MW(21/6/12)      |
|                                | 7) WMPL #1(1/5/12)             |
|                                | 8) Raozan #2 (8/8/12)          |
|                                | 9) Raozan #1(8/9/12)           |
|                                | 10) Ghorasal-5(29/11/12).      |
|                                | 11) Ghorasal #4(21/11/12)      |
|                                | 12) Ashuganj-1(29/12/12)       |
|                                | 13) B.Pukuria-2(7/1/13)        |
|                                | 14) Ashuganj-3(10/1/13)        |
|                                | 15) Haripur SBU-2(9/1/13)      |

**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 483 MW (20:00) of load shed was imposed over the whole areas of the national grid . |
| b) Mymensingh-RPCL 132kV Ckt-2 was under shut down from 10:15 to 15:48 due to A/M.  |  |
| c) Tangail-Kabirpur 132kV Ckt-1 was under shut down from 09:08 to 17:25 due to remove jumper from H.pole.   | Power interruption occurred (about 50 MW) under Shyampur S/S area from 11:47 to 11:55.       |
| d) Baghabari-Sirajganj 230 kV Ckt-2 was under shut down from 09:45 to 17:29 due to A/M.   |  |
| e) Dhanmondi-Ullon 132kV Ckt-3 was under shut down from 09:50 to 15:24 due to A/M.  |  |
| f) Hathazari-Comilla(N) 230kV Ckt-1 was under shut down from 10:35 to 14:23 due to A/M.   |  |
| g) Maniknagar-Banga Bhaban 132kV Ckt-2 was under shut down from 10:09 to 15:39 due to A/M.  |  |
| h) Dohazari-Cox's Bazar 132kV Ckt-1 was under shut down from 10:10 to 16:54 due to A/M.   |  |
| i) Kabirpur 132/33 kV T1 transformer was under shut down from 10:53 to 12:41 due to A/M.  |  |
| j) Meghnaghat 230kV bus-1 was under shut down from 11:30 to 14:50 due to A/M.   |  |
| k) Haripur-Shyampur 132kV Ckt tripped at 11:44 from Haripur end showing dist.Z3, ABN relays and was switched on at 11:55. At the same time Kalyanpur-Kamrangirchar 132kV Ckt also tripped from Kalyanpur end showing backup protection relay and was switched on at 12:06. At the same time Shyampur-Hasnabad 132kV Ckt also tripped from Shyampur end showing dist.B, Z2, main protection relays and was switched on at 12:35. |  |
| l) Kabirpur 132/33 kV T2 transformer was under shut down from 12:48 to 14:03 due to protection test.  |  |
| m) Shahjibazar GT-9 was forced shut down at 13:55 due to auxiliary cooling motor problem.   |  |
| n) Shahjibazar GT-8 was forced shut down at 18:23 due to cooling system problem.  |  |
| o) Shahjibazar 86 RPP tripped at 22:04 and was synchronized at 23:02.   |  |

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle