

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

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Till now the maximum generation is :- **5243.5 MW** at **22:00** Hrs on **29-Sep-11** Reporting Date : 29-Sep-11

| The Summary of Yesterday's ( 28-Sep-11 ) |        | ) Generation & Demand |              | Today's Actual Min Gen. & Probable Gen. & Demand |         |
|--|--------|-----------------------|--------------|--|---------|
| Day Peak Generation :                    | 4341.0 | MW                    | Hour : 12:00 | Min. Gen. at 7:00                                | 4287 MW |
| Evening Peak Generation :                | 4745.0 | MW                    | Hour : 20:00 | Max Generation :                                 | 4704 MW |
| E.P. Demand (at gen end) :               | 5500.0 | MW                    | Hour : 20:00 | Max Demand :                                     | 5550 MW |
| Maximum Generation :                     | 4762.0 | MW                    | Hour : 1:00  | Shortage :                                       | 846 MW  |
| Total Gen. (MKWH) :                      | 105.54 | System L/ Factor :    | 85.41%       | Load Shed :                                      | 756 MW  |

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

|   |            |                     |            |        |       |        |
|---|------------|---------------------|------------|--------|-------|--------|
| Export from East grid to West grid :- Maximum       | 520        | MW                  | at 21:00   | Energy | 8.268 | MKWHR. |
| Import from West grid to East grid :- Maximum       | -          | MW                  | at -       | Energy | -     | MKWHR. |
| Water Level of Kaptai Lake at 6:00 A M on 29-Sep-11 |            |                     |            |        |       |        |
| Actual : 108.10                                     | Ft.(MSL) , | Rule curve : 105.52 | Ft.( MSL ) |        |       |        |

|                      |        |        |                      |             |
|----------------------|--------|--------|----------------------|-------------|
| Gas Consumed : Total | 716.24 | MMCFD. | Oil Consumed (PDB) : | HSD : Liter |
|                      |        |        |                      | FO : Liter  |

|                                       |        |              |                     |                       |
|---------------------------------------|--------|--------------|---------------------|-----------------------|
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas :  | Tk57,194,622 | Oil : Tk272,881,939 | Total : Tk334,109,473 |
|                                       | Coal : | Tk4,032,912  |                     |                       |

**Load Shedding & Other Information**

| Area            | Yesterday  |                                      | Today                           |   |
|-----------------|------------|--------------------------------------|---------------------------------|---|
|                 | MW         | Estimated Demand(s/s end) from 10:00 | Estimated Shedding (s/s end) MW | Rates of Shedding (On Estimated Demand) |
| Dhaka           | 280        | 17:50-03:45 1920                     | 241                             | 13%                                     |
| Chittagong Area | 93         | 17:50-03:30 535                      | 94                              | 18%                                     |
| Khulna Area     | 69         | 17:50-03:25 604                      | 107                             | 18%                                     |
| Rajshahi Area   | 62         | 17:50-03:15 544                      | 97                              | 18%                                     |
| Comilla Area    | 40         | 17:50-03:40 400                      | 71                              | 18%                                     |
| Mymensing Area  | 41         | 17:50-03:10 295                      | 52                              | 18%                                     |
| Sylhet Area     | 42         | 17:50-03:05 266                      | 24                              | 9%                                      |
| Barisal Area    | 12         | 17:50-03:25 96                       | 17                              | 18%                                     |
| Rangpur Area    | 36         | 17:50-03:15 302                      | 53                              | 18%                                     |
| <b>Total</b>    | <b>675</b> | <b>20:00 4962</b>                    | <b>756</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) 9) Sikalbaha GT 150 MW (13/7/11)  |
| 2) Ghorasal 2(26/04/10)        | 2) Ashuganj-1(09/11/10) 10) Sikalbaha ST 60MW (14/9/11)   |
| 3) Kaptai #3 (1/12/10)         | 3) Raozan-2 (26/03/11) 11) Shahjibazar #5 & 6(21/7/11)    |
|                                | 4) WMPL #2(1/8/11) 12) Khulna 60 MW (10/9/11)             |
|                                | 5) Bhola RPP (18/7/11) 13) Ghorasal-4(20/9/11)            |
|                                | 6) Siddhirganj ST 210 MW (1/8/11) 14) Ghorasal-1(25/9/11) |
|                                | 7) Sylhet-20(26/7/11)                                     |
|                                | 8) Ashuganj #2(29/7/11)                                   |

**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 675 MW (20:00) of load shed was imposed over the whole areas of the national grid .  |
| b) Due to low gas pressure Siddhirganj 105 MW, Raozan 210 MW and RPCL 210 MW were limited to 82 MW, 120 MW and 107 MW respectively.               |   |
| c) Ashuganj #3 tripped at 13:20 due to vibration high and was synchronized at 17:18 and again tripped at 08:48(29/9/11) due to auxiliary failure. |   |
| d) Ashuganj #4 tripped at 08:48(29/9/11) due to auxiliary failure.  |   |
| e) Megnaghat IEL was forced shut down at 14:48, as fire was originated from welding in the premise and was synchronized at 15:16.                 |   |
| f) Bogra 132/33 kV T1 transformer was shut down at 11:23 due to red hot maintenance at 33 kV CT loop and was switched on at 12:15.                | Power interruption occurred (about 10 MW) under Bogra areas from 11:23 to 12:15.  |
| g) Natore 132 kV bus was shut down at 11:35 due to Natore-Bogra 132 kV ckt-1 bus isolator problem and was switched on at 12:40.                   | Power interruption occurred (about 10 MW) under Bogra areas from 11:35 to 12:40.  |
|   | Due to generation shortage, about 265 MW (09:00) of load shed has been running since morning (29/09/2011) over the whole area of the national grid. |

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle