

**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 :-            |        |                    |                       | 4936.0 MW at         | 20:00  | Reporting Date : 28-Jul-11 |         |               |
| The Summary of Yesterday's (                     |        | 27-Jul-11          | ) Generation & Demand |                      |  | Hrs on 18-Jul-11           |         |               |
| Day Peak Generation :                            | 4302.5 | MW                 | Hour :                | 11:00                | Today's Actual Min Gen. & Probable Gen. & Demand |                            |         |               |
| Evening Peak Generation :                        | 4718.0 | MW                 | Hour :                | 21:00                | Min. Gen. at                                     | 7:00                       | 4344    | MW            |
| E.P. Demand (at gen end) :                       | 5500.0 | MW                 | Hour :                | 21:00                | Max Generation :                                 |                            | 4681    | MW            |
| Maximum Generation :                             | 4718.5 | MW                 | Hour :                | 24:00                | Max Demand :                                     |                            | 5600    | MW            |
| Total Gen. (MKWH) :                              | 103.98 | System L/ Factor : |                       | 85.41%               | Shortage :                                       |                            | 919     | MW            |
|  |        |                    |                       |                      | Load Shed :                                      |                            | 819     | MW            |
| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR |        |                    |                       |                      |  |                            |         |               |
| Export from East grid to West grid :- Maximum    |        | 450                | MW                    | at 18:00             | Energy   | 8.785                      | MKWHR.  |               |
| Import from West grid to East grid :- Maximum    |        | -                  | MW                    | at -                 | Energy   | -                          | MKWHR.  |               |
| Water Level of Kaptai Lake at 6:00 A M on        |        |                    |                       | 28-Jul-11            |  |                            |         |               |
| Actual :   | 88.12  | Ft.(MSL) ,         | Rule curve :          | 88.32                | Ft.( MSL )                                       |                            |         |               |
|  |        |                    |                       |                      |  |                            |         |               |
| Gas Consumed :                                   | Total  | 720.48             | MMCFD.                | Oil Consumed (PDB) : |  |                            |         |               |
|  |        |                    |                       |                      |  | HSD :                      | Liter   |               |
|  |        |                    |                       |                      |  | FO :                       | Liter   |               |
|  |        |                    |                       |                      |  |                            |         |               |
| Cost of the Consumed Fuel (PDB+Pvt) :            | Gas :  | Tk57,533,203       |                       |                      |  |                            |         |               |
|  | Coal : | Tk3,863,702        |                       |                      | Oil :  | Tk286,620,842              | Total : | Tk348,017,747 |

**Load Shedding & Other Information**

| Area            | Yesterday  |                    | Today                                |                                 |   |
|-----------------|------------|--------------------|--------------------------------------|---------------------------------|---|
|                 | MW         | ( 18:45-Till now ) | Estimated Demand(s/s end) from 10:00 | Estimated Shedding (s/s end) MW | Rates of Shedding (On Estimated Demand) |
| Dhaka           | 265        | ( 18:45-Till now ) | 2125                                 | 303                             | 14%                                     |
| Chittagong Area | 94         | ( 18:45-Till now ) | 605                                  | 117                             | 19%                                     |
| Khulna Area     | 83         | ( 18:45-Till now ) | 525                                  | 100                             | 19%                                     |
| Rajshahi Area   | 71         | ( 18:45-Till now ) | 452                                  | 87                              | 19%                                     |
| Comilla Area    | 52         | ( 18:45-Till now ) | 360                                  | 70                              | 19%                                     |
| Mymensing Area  | 40         | ( 18:45-05:16 )    | 278                                  | 54                              | 19%                                     |
| Sylhet Area     | 38         | ( 18:45-02:00 )    | 286                                  | 18                              | 6%                                      |
| Barisal Area    | 16         | ( 18:45-Till now ) | 108                                  | 21                              | 19%                                     |
| Rangpur Area    | 38         | ( 18:45-Till now ) | 254                                  | 49                              | 19%                                     |
| <b>Total</b>    | <b>697</b> | 21:00              | <b>4993</b>                          | <b>819</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-1(09/11/10)   |
| 3) Siddirganj GT-1 (18/06/10)  | 3) Raozan-2 (26/03/11)    |
| 4) Ashuganj-4(12/09/10)        | 4) Khulna-60 MW (18/4/11) |
| 5) Kaptai #3 (1/12/10)         | 5) B.Pukuria-1(18/7/11)   |
| 6) Haripur SBU-2(10/7/11)      | 6) Bhola RPP (18/7/11)    |
| 7) Siddirganj-210 MW(18/6/11)  | 7) Ghorasal-5(26/7/11)    |
|                                | 8) Sylhet-20(26/7/11)     |

**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 697 MW (21:00) of load shed was imposed over the whole areas of the national grid .  |
| b) Due to low gas pressure HPL 360 MW, Siddhirganj 105 MW, Raozan 210 MW and RPCL 210 MW were limited to 328 MW, 62 MW, 135 MW and 100 MW respectively. |   |
| c) After maintenance Ashuganj CCGT GT2 was synchronized at 19:38.   |   |
| d) Khulna KPCL-2 was shut down at 14:55 due to red hot maintenance at B-phase 132 kV line loop and was synchronized at 18:05.                           |   |
| e) Hathazari 230/132 kV MT1 transformer was shut down at 12:35 due to DFDR project work and was switched on at 16:05.                                   | Power interruption occurred (about 35 MW) under Sylhet S/S areas from 16:45 to 16:54.   |
| f) Dohazari-Sikalbaha 132 kV ckt-1 tripped at 13:16 showing distance R-phase,Z1 and switched on at 13:31.   |   |
| g) Sylhet 132/33 kV T4 transformer tripped at 16:45 showing instantaneous earth fault and was switched on at 16:54.                                     | Due to generation shortage, about 320 MW (09:00) of load shed has been running since morning (28/07/11) over the whole area (except Sylhet) of the national grid. |
| h) Ashuganj-Shahjibazar 132 kV ckt-3 was shut down at 07:04(28/7/11) due to red hot maint.  |   |

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle