

**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                |       | Hrs  |         | Reporting Date : 27-Jul-11<br>on 18-Jul-11 |        |
| The Summary of Yesterday's (                     |        | 26-Jul-11          |              | ) Generation & Demand |  |                      |       | Today's Actual Min Gen. & Probable Gen. & Demand |         |  |        |
| Day Peak Generation :                            | 4409.0 | MW                 | Hour :       | 9:00                  |  | Min. Gen. at         | 8:00  | 4270   | MW      |  |        |
| Evening Peak Generation :                        | 4669.0 | MW                 | Hour :       | 19:30                 |  | Max Generation :     | 4508  |  | MW      |  |        |
| E.P. Demand (at gen end) :                       | 5450.0 | MW                 | Hour :       | 19:30                 |  | Max Demand :         | 5500  |  | MW      |  |        |
| Maximum Generation :                             | 4731.0 | MW                 | Hour :       | 1:00                  |  | Shortage :           | 992   |  | MW      |  |        |
| Total Gen. (MKWH) :                              | 104.85 | System L/ Factor : |              | 85.41%                |  | Load Shed :          | 884   |  | MW      |  |        |
| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR |        |                    |              |                       |  |                      |       |  |         |  |        |
| Export from East grid to West grid :- Maximum    |        |                    |              | 490                   |  | MW                   | at    | 6:00   | Energy  | 9.063                                      | MKWHR. |
| Import from West grid to East grid :- Maximum    |        |                    |              | -                     |  | MW                   | at    | -  | Energy  | -  | MKWHR. |
| Water Level of Kaptai Lake at 6:00 A M on        |        |                    |              |                       |  | 27-Jul-11            |       |  |         |  |        |
| Actual :   | 87.80  | Ft.(MSL) ,         |              |                       |  | Rule curve :         | 88.16 | Ft.( MSL )                                       |         |  |        |
|  |        |                    |              |                       |  |                      |       |  |         |  |        |
| Gas Consumed : Total                             |        | 724.50             |              | MMCFD.                |  | Oil Consumed (PDB) : |       |  |         |  |        |
|  |        |                    |              |                       |  |                      |       | HSD :  | Liter   |  |        |
|  |        |                    |              |                       |  |                      |       | FO :   | Liter   |  |        |
|  |        |                    |              |                       |  |                      |       |  |         |  |        |
| Cost of the Consumed Fuel (PDB+Pvt) :            |        | Gas :              | Tk57,854,216 |                       |  |                      |       |  |         |  |        |
|  |        | Coal :             | Tk3,807,294  |                       |  |                      | Oil : | Tk291,685,677                                    | Total : | Tk353,347,187                              |        |

**Load Shedding & Other Information**

| Area            | Yesterday  |                    | Today                                   |                                    |  |
|-----------------|------------|--------------------|---|------------------------------------|--|
|                 | MW         |                    | Estimated Demand(s/s end)<br>from to MW | Estimated Shedding (s/s end)<br>MW | Rates of Shedding<br>(On Estimated Demand) |
| Dhaka           | 257        | ( 18:50-Till now ) | 2085                                    | 330                                | 16%  |
| Chittagong Area | 100        | ( 18:50-Till now ) | 594                                     | 125                                | 21%  |
| Khulna Area     | 86         | ( 18:50-Till now ) | 515                                     | 108                                | 21%  |
| Rajshahi Area   | 68         | ( 18:50-06:22 )    | 444                                     | 94                                 | 21%  |
| Comilla Area    | 53         | ( 18:50-Till now ) | 352                                     | 73                                 | 21%  |
| Mymensing Area  | 50         | ( 18:50-06:06 )    | 272                                     | 57                                 | 21%  |
| Sylhet Area     | 26         | ( 18:50-06:10 )    | 283                                     | 23                                 | 8%   |
| Barisal Area    | 18         | ( 18:50-Till now ) | 106                                     | 22                                 | 21%  |
| Rangpur Area    | 38         | ( 18:50-06:06 )    | 249                                     | 52                                 | 21%  |
| <b>Total</b>    | <b>696</b> | <b>19:30</b>       | <b>4900</b>                             | <b>884</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 696 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 271 MW, 44 MW, 120 MW and 89 MW respectively.       |   |
| c) Hathazari-Comilla(N) 230 kV Ckt-1 was under shut down from 12:17 to 14:26 due to DFDR project work.   |   |
| d) After maintenance Ashuganj 132kV Bus coupler breaker was switched on at 12:47.  |   |
| e) Hathazari-Comilla(N) 230 kV Ckt-2 was under shut down from 15:03 to 16:45 due to DFDR project work.   |   |
| f) Aminbazar 230/132 TR3 transformer is under shut down since 20:29 due to red hot maint. at Y phase isolator.   | Power interruption occurred (about 25 MW) under Thakurgaon S/S areas from 01:05 to 01:35(27/7/11).  |
| g) Ghorasal #5 was forced shut down at 23:35 due to furnace chamber leakage.   |   |
| h) Purbasadipur-Thakurgaon 132kV Ckt-1 tripped at 01:05 (27/7/11) from Thakurgaon end showing dist. protection relay and was switched on at 01:35 (27/7/11). |   |
|  | Due to generation shortage, about 210 MW (09:00) of load shed has been running since morning (27/07/11) over the whole area (except Sylhet & Mymensing) of the national grid. |

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle