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

|   |                        |                  | NATIO                                   | NAL LOAD DESPATCH C       | ENTER        |  |                                |                  |                                 | QF-LDC-08 |
|---|------------------------|------------------|---|---------------------------|--------------|--|--------------------------------|------------------|---------------------------------|-----------|
|   |                        |                  |   | DAILY REPORT              |              |  |                                | Reporting Date : | 16-Oct-14                       | Page -1   |
|   | ximum generation       |                  | 7418 MW                                 |                           |              | 21:00  | Hrs on                         |                  |                                 |           |
| The Summary of  |                        | 15-Oct-14        | Generation & Der                        |                           |              | 10:00  |                                | Min Gen. & Proba |                                 |           |
| Day Peak Generati<br>Evening Peak Gen   |                        | 5654.0<br>6890.0 | MW<br>MW                                | Hour :<br>Hour :          |              | 12:00<br>20:00   | Min. Gen. at<br>Max Generation | 7:00             | 5005<br>6965                    | MW<br>MW  |
| E.P. Demand (at g   |                        | 6890.0           | MW                                      | Hour :                    |              | 20:00  | Max Demand                     |                  | 6950                            | MW        |
| Maximum General   |                        | 6890.0           | MW                                      | Hour :                    |              | 20:00  | Shortage                       |                  | -15                             | MW        |
| Total Gen. (MKWH  |                        | 135.9            | System L/ Factor                        | :                         |              | 78.37%   | Load Shed                      |                  | 0                               | MW        |
|   | ·, ·                   |                  |   | THROUGH EAST-WEST IN      | TERCONNECTO  |  | 2000 Oniou                     | •                | <u> </u>                        |           |
| Export from East o  | rid to West grid :- N  |                  |   | 120                       |              | MW at  | 15:00                          | Energy           | 7.867                           | MKWHR.    |
|   | grid to East grid :- N |                  | -                                       |                           |              | MW at  | -                              | Energy           | -                               | MKWHR.    |
|   |                        |                  | Lake at 6:00 A M on                     |                           |              | 16-Oct-14  |                                |                  |                                 |           |
| Actual :  |                        | t.(MSL),         |   |                           | Rule curve : |  | Ft.(MSL)                       |                  |                                 |           |
|   |                        |                  |   |                           |              |  |                                |                  |                                 |           |
| Gas Consumed :  | Total                  | 863.43           | MMCFD.                                  |                           |              | Oil Consumed   | (PDB) :                        |                  |                                 |           |
|   |                        |                  |   |                           |              |  |                                | HSD :            |                                 | Liter     |
|   |                        |                  |   |                           |              |  |                                | FO :             |                                 | Liter     |
|   |                        |                  |   |                           |              |  |                                |                  |                                 |           |
| Cost of the Consur  | med Fuel (PDB+Pvt      | ): Gas :         |   | Tk69,113,416              |              |  |                                |                  |                                 |           |
|   |                        | Coal :           |   | Tk15,937,102              |              | Oil  | : Tk403,760,821                | Total :          | Tk488,811,339                   | Ð         |
|   |                        |                  |   |                           |              |  |                                |                  |                                 |           |
|   | Lo                     | ad Shedding & Ot | her Information                         |                           |              |  |                                |                  |                                 |           |
|   |                        |                  |   |                           |              |  |                                |                  |                                 |           |
| Area  | Yesterday              |                  |   |                           |              |  | Today                          |                  |                                 |           |
|   |                        |                  |   | Estimated Demand(s/s end) |              |  | Estimated Shed                 | ding (s/s end)   | Rates of She                    | dding     |
|   | MW                     |                  |   | MW                        |              |  |                                | MW               | (On Estimated                   | Demand)   |
| Dhaka   | -                      | 0:00             |   | 2486                      |              |  |                                | -                | -                               |           |
| Chittagong Area   | -                      | 0:00             |   | 640                       |              |  |                                | -                | -                               |           |
| Khulna Area   | -                      | 0:00             |   | 701                       |              |  |                                | -                | -                               |           |
| Rajshahi Area   |                        | 0:00             |   | 679                       |              |  |                                | _                | -                               |           |
| Comilla Area  | _                      | 0:00             |   | 467                       |              |  |                                | _                | _                               |           |
| Mymensingh Area   | -                      |                  |   | 384                       |              |  |                                | -                | -                               |           |
|   | -                      | 0:00             |   |                           |              |  |                                | -                | -                               |           |
| Sylhet Area   | -                      | 0:00             |   | 313                       |              |  |                                | -                | -                               |           |
| Barisal Area  | -                      | 0:00             |   | 139                       |              |  |                                | -                | -                               |           |
| Rangpur Area  | -                      | 0:00             |   | 393                       |              |  |                                | -                | -                               |           |
|   | -                      |                  |   |                           |              |  |                                |                  |                                 |           |
| Total   | 0                      |                  |   | 6202                      |              |  |                                | 0                |                                 |           |
| Planned Shut- Down<br>1) Haripur GT: Unit-3 (18/06/2009)  |                        |                  |   |                           |              | Forced Shut-Down<br>1) Ghorasal ST: Unit-6 (18/07/2010)<br>2) Megnaghat CCPP (21/04/2014)<br>3) Ashuganj ST: Unit-1(23/08/2014)<br>4) Barisal GT: Unit-1 (17/09/2014)<br>5) Ghorasal ST: Unit-1 (12/10/2014)<br>6) Siddhirganj ST (14/10/2014) |                                |                  |                                 |           |
|   |                        |                  |   |                           |              | o) Siddini ganj S  | 1 (14/10/2014)                 |                  |                                 |           |
|   |                        |                  |   |                           |              |  |                                |                  |                                 |           |
|   |                        |                  |   |                           |              | 1  |                                |                  |                                 |           |
|   |                        |                  |   |                           |              |  |                                |                  |                                 |           |
|   | Additional Informa     | tion of Machines | lines Interruntion /                    | Forced Load shed etc      |              |  |                                |                  |                                 |           |
|   |                        |                  |   |                           |              |  |                                |                  |                                 |           |
|   | Description            |                  |   |                           |              | Forced load sh   | aded / Interrupted             | d Areas          |                                 |           |
|   |                        |                  |   |                           |              |  |                                |                  |                                 |           |
| <ul> <li>a) Tongi 230/132 kV T01 transformer was under shut down from 09:03 to 09:58 due to development work.</li> <li>b) Saidpur 132/33 kV T2 transformer was under shut down from 09:20 to 10:50 due to annual maintenance.</li> <li>c) Bheramara HVDC-Khulna(C) 230 kV Ckt-1 was shut down from 09:20 to 17:48 due to annual maintenance.</li> <li>d) Ghorasal-Norsingdi 132 kV Ckt was shut down at 09:54 due to red hot maintenance at Norsingdi end and was switched on at 12:23.</li> <li>e) Maniknagar-Bangabhaban 132 kV Ckt-1 &amp; 2 tripped at 10:40 &amp; 13:08 showing pilot wire protection &amp; main protection trip relays and were switched on at 10:49 &amp; 13:13 respectively.</li> </ul> |                        |                  |   |                           |              | About 40 MW power interruption occurred under Maniknagar S/S areas from 10: 40 to 10:49 & 13:08 to 13:13.  |                                |                  |                                 |           |
| <ul> <li>f) Feni-Chowmohani 132 kV Ckt-1 &amp; 2 tripped at 16:00 showing O/C &amp; E/F relays and were switched on at 16:14.</li> <li>g) Chandpur-Comilla(N) 132 kV Ckt tripped at 16:01 showing directional E/F relay from Chandpur end and was</li> </ul>  |                        |                  |   |                           |              | About 96 MW power interruption occurred under Chowmohani S/S areas<br>from 16:00 to 16:14.<br>About 40 MW power interruption occurred under Comilla(N) S/S areas   |                                |                  |                                 |           |
| switched on at 16:30.<br>h) Kaptai-Madunaghat 132 kV Ckt-1 tripped at 01:50(16/10/14) showing dist.Z1 & Z2 at Kaptai end & dist.A at Madunagh<br>end and was switched on at 02:13(16/10/14).<br>i) Kaptai-Chandraghona 132 kV Ckt tripped at 01:50(16/10/14) from both end showing dist.Z1 relay and was switched<br>on at 02:23(16/10/14).   |                        |                  |   |                           |              | from 16:01 to 1<br>nat   | 6:30.                          |                  |                                 |           |
| Sub Divisional E<br>Network Operation   |                        |                  | Executive Engine<br>Network Operation E |                           |              |  |                                |                  | ident Enginee<br>espatch Circle |           |