

| POWER GRID COMPANY OF BANGLADESH LTD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |            |  |                                                  |  |                                                  |  |                                                 |  | QF-LDC-08                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|--|--------------------------------------------------|--|--------------------------------------------------|--|-------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| NATIONAL LOAD DESPATCH CENTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |            |  |                                                  |  |                                                  |  |                                                 |  | Page -1                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| DAILY REPORT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |            |  |                                                  |  |                                                  |  |                                                 |  | Reporting Date : 22-Jul-18                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| Till now the maximum generation is :-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 11387.0    |  | 22:00 Hrs                                        |  | on 18-Jul-18                                     |  |                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| The Summary of Yesterday's                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 21-Jul-18  |  | Generation & Demand                              |  | Today's Actual Min Gen. & Probable Gen. & Demand |  |                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Day Peak Generation :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 7876.0 MW  |  | Hour :                                           |  | 12:00                                            |  | Min. Gen. at                                    |  | 8:00 7375 MW                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Evening Peak Generation :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 10621.0 MW |  | Hour :                                           |  | 21:00                                            |  | Available Max Generation                        |  | 12071 MW                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| E.P. Demand (at gen end) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 10621.0 MW |  | Hour :                                           |  | 21:00                                            |  | Max Demand (Evening) :                          |  | 11400 MW                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Maximum Generation :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 10621.0 MW |  | Hour :                                           |  | 21:00                                            |  | Reserve(Generation end)                         |  | 671 MW                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Total Gen. (MKWH) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | 212.4      |  | System Load Factor                               |  | 83.32%                                           |  | Load Shed                                       |  | 0 MW                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |            |  |                                                  |  |                                                  |  |                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Export from East grid to West grid :- Maximum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |            |  | -920 MW                                          |  |                                                  |  | at                                              |  | 1:00 Energy MKWHR.                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Import from West grid to East grid :- Maximum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |            |  | -                                                |  |                                                  |  | at                                              |  | - Energy - MKWHR.                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Water Level of Kaptai Lake at 6:00 A.M on 22-Jul-18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |            |  | Rule curve :                                     |  |                                                  |  | 87.36                                           |  | Ft.( MSL )                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| Actual : 103.15 Ft.(MSL) ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |            |  |                                                  |  |                                                  |  |                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Gas Consumed : Total = 1046.25 MMCFD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |            |  | Oil Consumed (PDB) :                             |  |                                                  |  | HSD : Liter                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |            |  |                                                  |  |                                                  |  | FO : Liter                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Cost of the Consumed Fuel (PDB+Pvt) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |            |  | Gas : Tk93,846,414                               |  | Oil : Tk573,139,708                              |  | Total : Tk680,000,112                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Coal : Tk13,013,990                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |            |  |                                                  |  |                                                  |  |                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Load Shedding & Other Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |            |  |                                                  |  |                                                  |  |                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | Yesterday  |  | Estimated Demand (S/S end)                       |  | Today                                            |  | Estimated Shedding (S/S end)                    |  | Rates of Shedding (On Estimated Demand)                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | MW         |  | MW                                               |  |                                                  |  | MW                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Dhaka                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 0 0:00     |  | 4020                                             |  |                                                  |  | 0                                               |  | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Chittagong Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 0 0:00     |  | 1368                                             |  |                                                  |  | 0                                               |  | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Khulna Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 0 0:00     |  | 1225                                             |  |                                                  |  | 0                                               |  | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Rajshahi Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 0 0:00     |  | 1107                                             |  |                                                  |  | 0                                               |  | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Comilla Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 0 0:00     |  | 1001                                             |  |                                                  |  | 0                                               |  | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Mymensingh Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 0 0:00     |  | 807                                              |  |                                                  |  | 0                                               |  | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Sylhet Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 0 0:00     |  | 451                                              |  |                                                  |  | 0                                               |  | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Barisal Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 0 0:00     |  | 208                                              |  |                                                  |  | 0                                               |  | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Rangpur Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 0 0:00     |  | 623                                              |  |                                                  |  | 0                                               |  | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 0          |  | 10810                                            |  |                                                  |  | 0                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Information of the Generating Units under shut down.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |            |  |                                                  |  |                                                  |  |                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Planned Shut- Down                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |            |  |                                                  |  |                                                  |  |                                                 |  | Forced Shut- Down                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |            |  |                                                  |  |                                                  |  |                                                 |  | 1) Barapukuria ST: Unit-1,2<br>2) Khulna ST 110 MW<br>3) Ghorasal Unit-3,4,5<br>4) Baghabari 100 MW<br>5) Tongi GT<br>6) Chittagong Unit-1,2<br>7) Baghabari-71 MW<br>8) Siddhirganj 210 MW ST<br>9) Ashuganj unit-3<br>10) Ashuganj 55 MW<br>11) Haripur GT-1,2<br>12) Santahar Peaking<br>13) Sylhet 150 MW                                                                                                                                           |  |
| Additional Information of Machines, lines, Interruption / Forced Load shed etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |            |  |                                                  |  |                                                  |  |                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |            |  |                                                  |  |                                                  |  |                                                 |  | Comments on Power Interruption                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| a) Bogura-Naogaon 132 kV Ckt-2 was under shut down since 10:14 for reconducting work.<br>b) Khulna(S)-Gallamari 132 kV Ckt-1 was shut down from 08:21 to 18:36 for development work.<br>c) After maintenance Bhola (GT-1) ST was synchronized at 12:55<br>d) Kodda 33 kV bus was shut down from 09:03 to 14:20 for development work.<br>e) Baroaula-KSRM Ckt tripped at 17:30 from Baroaula end showing O/C,E/F relay and was switched on at 18:01.<br>f) Rangpur 132/33 kV TR-1 & TR-2 transformer tripped at 19:53 showing O/C relay and was switched on at 19:59.<br>g) After maintenance Bhola GT-2 was synchronized at 22:58<br>h) Bottail 132/33 kV T-1 transformer tripped at 22:12 showing E/F relay due to 33 kV Kumarkhali feeder fault and was switched on at 22:18.<br>i) Kishoreganj 50/83.3 MVA new 132/33 T-2 transformer switched on at 02:53(22/07/2018).<br>j) Tongi 80/120 MVA new 132/33 T-1 transformer switched on at 04:44(22/07/2018).<br>k) Raozan # 1 is under shut down since 06:44 due to gas shortage.<br>l) Sirajganj #1 fuel change from oil to gas at 06:36.<br>m) Kishoreganj 132 kV B-bus is under shut down since 07:33(22/7/18) for maintenance work. |  |            |  |                                                  |  |                                                  |  |                                                 |  | About 190 MW power interruption occurred under Kodda S/S areas from 09:03 to 14:20.<br>About 25 MW power interruption occurred under KSRM S/S areas from 17:30 to 18:01.<br>About 114 MW power interruption occurred under Rangpur S/S areas from 19:53 to 19:59.<br>About 49 MW power interruption occurred under Bottail S/S areas from 22:12 to 22:18.<br>About 60 MW power interruption occurred under Kishoreganj S/S areas since 07:33(22/07/18). |  |
| Sub Divisional Engineer<br>Network Operation Division                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |            |  | Executive Engineer<br>Network Operation Division |  |                                                  |  | Superintendent Engineer<br>Load Dispatch Circle |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |