

| POWER GRID COMPANY OF BANGLADESH LTD.  |                        |                            |  |  |  |   |                       |                        |           |
|--|------------------------|----------------------------|--|--|--|---|-----------------------|------------------------|-----------|
| NATIONAL LOAD DESPATCH CENTER  |                        |                            |  |  |  |   |                       |                        |           |
| DAILY REPORT   |                        |                            |  |  |  |   |                       |                        |           |
|  |                        |                            |  |  |  |   |                       | Reporting Date :       | 21-Dec-18 |
|  |                        |                            |  |  |  |   |                       | 19:30 Hrs on 19-Sep-18 |           |
| Till now the maximum generation is : - 11623 MW  |                        |                            |  |  |  |   |                       |                        |           |
| The Summary of Yesterday's 20-Dec-18 Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand  |                        |                            |  |  |  |   |                       |                        |           |
| Day Peak Generation :  | 6465.2 MW              | Hour :                     | 12:00  | Min. Gen. at   | 5:00   | 4814 MW   |                       |                        |           |
| Evening Peak Generation :  | 8096.0 MW              | Hour :                     | 19:00  | Available Max Generation   |  | 12007 MW  |                       |                        |           |
| E.P. Demand (at gen end) :   | 8096.0 MW              | Hour :                     | 19:00  | Max Demand (Evening) :   |  | 7600 MW   |                       |                        |           |
| Maximum Generation :   | 8096.0 MW              | Hour :                     | 19:00  | Reserve(Generation end)  |  | 4407 MW   |                       |                        |           |
| Total Gen. (MKWH) :  | 151.7                  | System Load Factor :       | 78.10%   | Load Shed  |  | 0 MW  |                       |                        |           |
| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR   |                        |                            |  |  |  |   |                       |                        |           |
| Export from East grid to West grid :- Maximum  |                        | -790 MW                    | at   | 19:00  | Energy   | MKWHR.  |                       |                        |           |
| Import from West grid to East grid :- Maximum  |                        | MW                         | at   | -  | Energy   | - MKWHR.  |                       |                        |           |
| Water Level of Kaptai Lake at 6:00 A.M on  | 21-Dec-18              |                            |  |  |  |   |                       |                        |           |
| Actual :   | 98.99 Ft.(MSL) ,       | Rule curve :               | 104.10 Ft.(MSL)                                  |  |  |   |                       |                        |           |
| Gas Consumed :   | Total = 1050.38 MMCFD. | Oil Consumed (PDB) :       |  |  |  |   |                       |                        |           |
|  |                        | HSD :                      |  |  | Liter  |   |                       |                        |           |
|  |                        | FO :                       |  |  | Liter  |   |                       |                        |           |
| Cost of the Consumed Fuel (PDB+Pvt) :  | Gas : Tk90,628,505     | Coal : Tk14,082,824        | Oil : Tk77,562,870                               | Total : Tk182,274,199  |  |   |                       |                        |           |
| Load Shedding & Other Information  |                        |                            |  |  |  |   |                       |                        |           |
| Area   | Yesterday              | Estimated Demand (S/S end) |  | Today  | Estimated Shedding (S/S end)   |   | Rates of Shedding     |                        |           |
|  | MW                     |                            | MW   |  | MW   |   | (On Estimated Demand) |                        |           |
| Dhaka  | 0                      | 0:00                       | 2679   |  | 0  | 0%  |                       |                        |           |
| Chittagong Area  | 0                      | 0:00                       | 902  |  | 0  | 0%  |                       |                        |           |
| Khulna Area  | 0                      | 0:00                       | 806  |  | 0  | 0%  |                       |                        |           |
| Rajshahi Area  | 0                      | 0:00                       | 728  |  | 0  | 0%  |                       |                        |           |
| Comilla Area   | 0                      | 0:00                       | 658  |  | 0  | 0%  |                       |                        |           |
| Mymensingh Area  | 0                      | 0:00                       | 531  |  | 0  | 0%  |                       |                        |           |
| Sylhet Area  | 0                      | 0:00                       | 309  |  | 0  | 0%  |                       |                        |           |
| Barisal Area   | 0                      | 0:00                       | 137  |  | 0  | 0%  |                       |                        |           |
| Rangpur Area   | 0                      | 0:00                       | 410  |  | 0  | 0%  |                       |                        |           |
| Total  | 0                      |                            | 7159   |  | 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-2,3,4<br>4) Tongi GT<br>5) Haripur GT-1,2<br>6) Bhagabari 100 MW<br>7) Siddhirganj ST 210 MW<br>8) Summit Bibiyana-2<br>9) Bhagabari 71 MW<br>10) Raozan # 01<br>11) Sirajganj Unit-1,3,4 |  |   |                       |                        |           |
| Additional Information of Machines, lines, Interruption / Forced Load shed etc.  |                        |                            |  |  |  |   |                       |                        |           |
| Description  |                        |                            |  |  | Comments on Power Interruption   |   |                       |                        |           |
| a) Cantonment 132/33 kV T1 transformer was under shut down from 09:09 to 15:48 for A/M.<br>b) Sonargaon-Daudkandi 132 kV Ckt-2 was under shut down from 09:21 to 15:47 for A/M.<br>c) Fenchuganj-Bibiyana 230 kV Ckt-1 was under shut down from 09:21 to 15:01 for A/M.<br>d) Maniknagar 132/33 kV T2 transformer was under shut down from 08:01 to 19:11 for A/M.<br>e) Shahjibazar-Sreemongal 132 kV Ckt-1 was under shut down from 09:22 to 16:34 for A/M.<br>f) Sirajganj-Bhagabari 230 kV Ckt-1 was under shut down from 08:42 to 16:34 for A/M.<br>g) Nator-Rajlanka 132 kV Ckt was under shut down from 08:37 to 13:39 for D/W.<br>h) Bogra-Nator 132 kV Ckt-2 was under shut down from 08:26 to 15:49 for A/M.<br>i) Bogra 230/132 kV T1 transformer was under shut down from 09:13 to 14:05 for A/M.<br>j) Ishurdi 230/132 kV T03 transformer was under shut down from 10:34 to 11:04 due to oil leakage at 33 kV end.<br>k) Polashbari 132/33 kV T2 transformer was under shut down from 10:40 to 12:15 due to oil leakage at 33 kV CT end.<br>l) Cox'sbazar 132/33 kV T1 transformer was under shut down from 10:41 to 13:05 due to oil leakage at 33 kV end.<br>m) Sirajgonj 225 MW unit-2 tripped at 08:56 and GT-2 was synchronized at 10:49 & ST was synchronized at 12:05.<br>n) Kushiara 163 MW tripped at 08:57 and GT was synchronized at 09:46 & ST was synchronized at 11:12.<br>o) Meghnaghat-APR 230 kV Ckt was switched on at 13:31.<br>p) Kishorgonj 132/33 kV T1 transformer was under shut down from 12:58 to 15:15 for A/M.<br>q) Meghnaghat GT-2 tripped at 14:30 showing Dist. Protection trip and was synchronized at 16:02.<br>r) Meghnaghat-APR 230 kV Ckt-2 tripped at 14:30 from both end showing Dist. Z1,Z2, LA burst at Meghnaghat end and O/C,E/F relays at APR end and was switched on at 22:25.<br>s) Sirajganj 225 MW unit-2 tripped at 18:04 due to gas shortage and was synchronized at 19:25.<br>t) Sylhet-Chatak 132 kV Ckt-2 was shut down from 18:56 to 20:15 due to red hot maintenance at Y-phase CT.<br>u) Meghnaghat-Aminbazar 230 kV Ckt-2 was switched on at 20:06.<br>v) Sirajgonj 132/33 kV T2 transformer was switched on at 17:10.<br>w) Madaripur 132/33 kV T3 transformer was shut down at 07:10(21/12/2018) due to 33 kV Tekerhat feeder relocation work.<br>x) Maniknagar 230/132 kV T1 transformer was shut down at 07:41(21/12/2018) for A/M.<br>y) Bheramara-Ishwardi 132 kV Ckt-1 & 2 were shut down at 07:56(21/12/2018) for A/M. |                        |                            |  |  | About 08 MW Power interruption occurred under Madaripur S/S area at 07:10(21/12/2018) to till. |   |                       |                        |           |
| Sub Divisional Engineer<br>Network Operation Division  |                        |                            | Executive Engineer<br>Network Operation Division |  |  | Superintendent Engineer<br>Load Dispatch Circle |                       |                        |           |