

## POWER GRID COMPANY OF BANGLADESH LTD.

NATIONAL LOAD DESPATCH CENTER  
DAILY REPORTQF-LDC-08  
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Reporting Date : 13-Jan-21

Till now the maximum generation is :- 12893 MW

21:00 Hrs on 29-May-19

## The Summary of Yesterday: 12-Jan-21 Generation &amp; Demand

| Yesterday                |           | Hour  |                          | Today's Actual Min Gen. & Probable Gen. & Demand |          |
|--------------------------|-----------|-------|--------------------------|--|----------|
| Day Peak Generation      | 7666.0 MW | 12:00 | Min. Gen. at             | 4:00   | 5886 MW  |
| Evening Peak Generation  | 9245.0 MW | 19:00 | Available Max Generation |  | 12836 MW |
| E.P. Demand (at gen end) | 9245.0 MW | 19:00 | Max Demand (Evening)     |  | 9500 MW  |
| Maximum Generation       | 9245.0 MW | 19:00 | Reserve(Generation end)  |  | 3336 MW  |
| Total Gen. (MKWH)        | 182.8     |       | Load Shed                |  | 0 MW     |

System Load Factor : 82.41%

## EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

|   |        |              |        |          |          |
|---|--------|--------------|--------|----------|----------|
| Export from East grid to West grid :- Maximur | -20 MW | at           | 19:30  | Energy   | MKWHR.   |
| Import from West grid to East grid :- Maximur | MW     | at           | -      | Energy   | - MKWHR. |
| el of Kaptai Lake at 6:00 A M on 13-Jan-21    |        |              |        |          |          |
| Actual : 97.41 Ft.(MSL)                       |        | Rule curve : | 100.72 | Ft.(MSL) |          |

Gas Consumed Total = 743.64 MMCFD.

Oil Consumed (PDB) :

HSD : Liter  
FO : LiterCost of the Consumed Fuel (PDI) Gas : Tk97,380,810  
Coal : Tk66,602,005

Oil : Tk410,762,162 Total : Tk574,744,977

## Load Shedding &amp; Other Information

| Area            | Yesterday |      | Estimated Demand (S/S end)<br>MW | Today                              |      | Rates of Shedding<br>(On Estimated Demand) |
|-----------------|-----------|------|----------------------------------|------------------------------------|------|--|
|                 | MW        | 0:00 |                                  | Estimated Shedding (S/S end)<br>MW | 0:00 |  |
| Dhaka           | 0         | 0:00 | 3397                             | 0                                  | 0%   |  |
| Chittagong Area | 0         | 0:00 | 1151                             | 0                                  | 0%   |  |
| Khulna Area     | 0         | 0:00 | 1031                             | 0                                  | 0%   |  |
| Rajshahi Area   | 0         | 0:00 | 931                              | 0                                  | 0%   |  |
| Cumilla Area    | 0         | 0:00 | 841                              | 0                                  | 0%   |  |
| Mymensingh Arc  | 0         | 0:00 | 679                              | 0                                  | 0%   |  |
| Sylhet Area     | 0         | 0:00 | 385                              | 0                                  | 0%   |  |
| Barisal Area    | 0         | 0:00 | 175                              | 0                                  | 0%   |  |
| Rangpur Area    | 0         | 0:00 | 524                              | 0                                  | 0%   |  |
| <b>Total</b>    | <b>0</b>  |      | <b>9113</b>                      | <b>0</b>                           |      |  |

Information of the Generating Units under shut down.

## Planned Shut-Down

## Forced Shut-Down

- 1) Barapukuria S10) Sylhet-225 MW.
- 2) Baghabari-71 111) Ashuganj-3,4,5
- 3) Ghorasal Unit-1,2,3,4
- 4) Shahjibazar 330 MW
- 5) Kaptai-1,2,3,5
- 6) Raozan #1,2
- 7) Siddiganj-335 MW
- 8) Sirajganj #1,2 CAPP
- 9) Megnaghat-450 MW

## Additional Information of Machines, lines, Interruption / Forced Load shed etc.

## Description

## Comments on Power Interruption

- a) Halthazari-Madunaghat 132 kV Ckt-2 was under shut down from 09:05 to 16:26 for A/M.
- b) Khulshi-Modern 132 kV Ckt. was under shut down from 10:13 to 13:47 for A/M.
- c) Kaliakoir-Dhamrai 132 kV Ckt-1 was under shut down from 08:26 to 16:39 for A/M.
- d) Dhamrai 132/33 kV Transformer T-1 was under shut down from 09:22 to 16:36 for A/M.
- e) Aminbazar-Kaliakoir 230 kV Ckt-2 was under shut down from 09:25 to 16:18 for A/M.
- f) Rampura-Ullon 132 kV Ckt-1 was under shut down from 08:51 to 15:21 for A/M.
- g) Ashuganj-Kishorganj 132 kV Ckt-1 was under shut down from 10:13 to 15:37 for A/M.
- h) Ramganj 132/33 kV Transformer T-1 was under shut down from 09:22 to 16:36 for A/M.
- i) Feni-Baroirhat 132 kV Ckt was under shut down from 09:32 to 15:05 for A/M.
- j) Sirajganj-Baghabari 132 kV Ckt was under shut down from 09:34 to 14:28 for A/M.
- k) Barishal-Bhandaria 132 kV Ckt was under shut down from 08:18 to 17:01 for A/M.
- l) Madaripur-Shariatpur 132 kV Ckt-1 was under shut down from 08:53 to 16:46 for A/M.
- m) Kuslia-Jhenaidah 132 kV Ckt-1 was under shut down from 08:37 to 15:31 for A/M.
- n) Natore-Rajshahi 132 kV Ckt-1 was under shut down from 08:18 to 16:39 for C/M.
- o) Bheramara HVDC Bus reactor 1 & 2 were switched on at 10:22.
- p) Bheramara HVDC 20DF41 filter was under shut down from 10:34 to 11:57 for A/M.
- q) Rajshahi 230/132 kV ATR-1 was under shut down from 12:50 to 14:29 for A/M.
- r) Aminbazar-Manikganj 162 MW PP 132 kV Ckt-1 was under shut down from 12:01 13:19 for D/W.
- s) Kularua-Fenchuganj 132 kV Ckt-1 was under shut down from 09:08 to 17:23 for A/M.
- t) Kabirpur-Tongi 132 kV Ckt-2 was under shut down from 09:03 to 16:51 for A/M.
- u) Comilla(N)-Chandpur 132 kV Ckt-2 was under shut down from 09:10 to 18:30 for A/M.
- v) Shahjibazar 100 MW GT was synchronized at 09:33.
- w) Manikganj-Aminbazar 132 kV Ckt-2 was under shut down from 13:26 to 15:43 for D/W.
- y) Niamatpur 132/33 kV T-1 transformer and its 33 kV Bus section was under shut down from 15:50 to 16:30 for Rajshahi 33 kV feeder maintenance by PDB.
- z) Comilla-Chandpur 132 kV Ckt-1 was under shut down from 16:25 to 20:30 for project work.
- aa) Saidpur-Purbasadipur 132 kV Ckt-1 tripped at 05:30(13/01/2021) from Purbasadipur end showing Dist. 3-phase at Purbasadipur end and was switched on at 05:48.
- ab) Shahjibazar 100 MW trped at 06:37(13/01/2021) showing sped differential relay.
- ac) Shahjibazar 86 MW tripped at 06:39(13/01/2021) showing E/F relay and was synchronized at 07:13.
- ad) Natore-Ishurdi 132 kV Ckt-1 & 2 were shut down at 07:55(13/01/2021)for D/W.
- ae) Ishurdi-Ruppur 132 kV Ckt 1 & 2 were shut down at 08:00(13/01/2021) for D/W.
- af) Ishurdi 132 kV Bus-1 was shut down at 08:02(13/01/2021) for A/M.

About 20 MW power interruption occurred under Niamatpur S/S area from 15:50 to 16:30.

Sub Divisional Engineer  
Network Operation DivisionExecutive Engineer  
Network Operation DivisionSuperintendent Engineer  
Load Despatch Circle