

## POWER GRID COMPANY OF BANGLADESH LTD.

## NATIONAL LOAD DESPATCH CENTER

## DAILY REPORT

Reporting Date : 25-Nov-16

Till now the maximum generation is : - 9036 MW

21:00

Hrs on 30-Jun-16

| The Summary of Yesterday: 24-Nov-16 |          | Generation & Demand |          | Today's Actual Min Gen. & Probable Gen. & Demand |           |
|-------------------------------------|----------|---------------------|----------|--|-----------|
| Day Peak Generation                 | : 5728.0 | MW                  | 12:00    | Min. Gen. at                                     | 7:00 4299 |
| Evening Peak Generation             | : 7406.0 | MW                  | 19:00    | Max Generation                                   | : 9043    |
| E.P. Demand (at gen end)            | : 7406.0 | MW                  | 19:00    | Max Demand (Evening)                             | : 7100    |
| Maximum Generation                  | : 7406.0 | MW                  | 19:00    | Reserve (Generation end)                         | : 1943    |
| Total Gen. (MKWH)                   | : 135.6  | System L/ Factor    | : 76.29% | Load Shed  | : 0       |

## EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

|   |          |          |            |          |          |
|---|----------|----------|------------|----------|----------|
| Export from East grid to West grid :- Maximum | -280     | MW       | at 4:00    | Energy   | 7.867    |
| Import from West grid to East grid :- Maximum | -        | MW       | at -       | Energy   | -        |
| Water Level of Kaptai Lake at 25-Nov-16       |          |          |            |          |          |
| Actual  | : 103.71 | Ft.(MSL) | Rule curve | : 106.60 | Ft.(MSL) |

|                              |        |              |                      |               |                       |
|------------------------------|--------|--------------|----------------------|---------------|-----------------------|
| Gas Consumed : Total         | 850.76 | MMCFD.       | Oil Consumed (PDB) : | HSD :         |                       |
|                              |        |              |                      | FO :          |                       |
| Cost of the Consumed Fuel (F | Gas :  | Tk65,496,893 | Oil :                | Tk181,105,095 | Total : Tk262,382,845 |
|                              | Coal : | Tk15,780,857 |                      |               |                       |

## Load Shedding &amp; Other Information

| Area            | Yesterday |      | Estimated Demand (S/S end) | Today                        |    | Rates of Shedding<br>(On Estimated Demand) |
|-----------------|-----------|------|----------------------------|------------------------------|----|--|
|                 | MW        | 0:00 |                            | Estimated Shedding (S/S end) | MW |  |
| Dhaka           | 0         | 0:00 | 2642                       | -                            | -  |  |
| Chittagong Area | 0         | 0:00 | 739                        | -                            | -  |  |
| Khulna Area     | 0         | 0:00 | 730                        | -                            | -  |  |
| Rajshahi Area   | 0         | 0:00 | 714                        | -                            | -  |  |
| Comilla Area    | 0         | 0:00 | 552                        | -                            | -  |  |
| Mymensingh Area | 0         | 0:00 | 421                        | -                            | -  |  |
| Sylhet Area     | 0         | 0:00 | 256                        | -                            | -  |  |
| Barisal Area    | 0         | 0:00 | 147                        | -                            | -  |  |
| Rangpur Area    | 0         | 0:00 | 406                        | -                            | -  |  |
| <b>Total</b>    | <b>0</b>  |      | <b>6607</b>                | <b>0</b>                     |    |  |

Information of the Generating Units under shut down.

Planned Shut- Down

Nil

Forced Shut- Down

- Ghorasal ST: Unit-6 (18/07/2016)
- Kaptai Unit-5
- Ashuganj ST: Unit- 1
- Khulna ST 110 MW (04/11/2014)
- Ghorasal Unit-5
- Baghabari 100 MW
- Haripur SBU GT- 3
- Ashugonj CCPP South
- Chittagong Unit-1
- Ghorasal Unit-2
- Tongi GT
- Sikalbaha Peaking GT
- Siddhirgonj GT: Unit-1& 2
- Sikalbaha ST
- Ashuganj Unit-3

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

## Description

## Comments on Power Interruption

- a) Tangail 132/33 kV T1 & T2 transformers tripped at 08:38 showing O/C relay and were switched on at 08:45. About 60 MW power interruption occurred under Tangail S/S area from 08:38 to 08:45.
- b) Siddhirganj-Siddhirganj peaking 132 kV Ckt-2 was under shut down from 09:34 to 17:30 for transformer oil filling at power plant end.
- c) Bakulia-Khulshi express 132 kV Ckt was under shut down from 09:52 to 10:12 due to circuit breaker air leakage at Bakulia end.
- d) Khulshi-Modunaghat 132 kV Ckt-2 was under shut down from 08:22 to 15:10 for A/M.
- e) Ashuganj-Comilla (N) 230 kV Ckt-2 was under shut down from 08:13 to 15:31 for A/M.
- f) Kabirpur 132/33 kV T01 transformer was under shut down from 09:05 to 15:19 for A/M.
- g) Netrokona 132/33 kV T2 transformer was under shut down from 08:24 to 15:30 for A/M.
- h) Kishoreganj-Mymensingh 132 kV Ckt-1 was under shut down from 08:45 to 15:48 for A/M.
- i) Aminbazar-Kallyanpur 132 kV Ckt-2 was under shut down from 09:22 to 11:30 for A/M.
- j) Comilla (N)-Comilla (S) 132 kV Ckt was under shut down from 08:34 to 16:45 for A/M.
- k) Pabna-Shahjadpur 132 kV Ckt was under shut down from 08:28 to 16:25 for A/M.
- l) Ghorasal-Joydevpur 132 kV Ckt-1 was under shut down from 15:37 to 19:21 for string maintenance.
- m) Bhandaria 132/33 kV T1 transformer was shut down at 15:34 for air leakage maintenance and is still under maintenance..
- n) Jessore 132 kV Bus was under shut down from 14:21 to 16:44 for A/M.
- o) Ashuganj Unit-3 was shut down at 00:20 (25/11/2016) due to condenser tube leakage.
- p) Kabirpur 132/33 kV T3 transformer tripped at 03:51(25/11/2016) from both sides showing O/C relay at 132 kV side and no relay at 33 kV side and was switched on at 03:56 (25/11/2016). About 13 MW power interruption occurred under Kabirpur S/S area from 03:51 to 03:56 (25/11/2016).
- q) After maintenance Sirajganj 225 MW CCPP GT was synchronized at 04:01 (25/11/2016)
- r) After maintenance Sirajganj 225 MW CCPP ST was synchronized at 06:16 (25/11/2016).

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