

## POWER GRID COMPANY OF BANGLADESH LTD.

## NATIONAL LOAD DESPATCH CENTER

## DAILY REPORT

QF-LDC-08

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Till now the maximum generation is :-

9479 MW

21:00

Hrs

on

Reporting Date : 13-Oct-17

7-Jun-17

## The Summary of Yesterday's

12-Oct-17

## Generation &amp; Demand

## Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand

|                            |        |                    |        |                         |      |       |    |
|----------------------------|--------|--------------------|--------|-------------------------|------|-------|----|
| Day Peak Generation :      | 8064.0 | MW                 | 12:00  | Min. Gen. at            | 7:00 | 7106  | MW |
| Evening Peak Generation :  | 9261.0 | MW                 | 21:00  | Max Generation :        |      | 10158 | MW |
| E.P. Demand (at gen end) : | 9261.0 | MW                 | 21:00  | Max Demand (Evening) :  |      | 9600  | MW |
| Maximum Generation :       | 9261.0 | MW                 | 0:00   | Reserve(Generation end) |      | 558   | MW |
| Total Gen. (MKWH) :        | 203.6  | System L/ Factor : | 91.60% | Load Shed :             |      | 0     | MW |

## EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

|   |        |            |              |        |            |       |        |
|---|--------|------------|--------------|--------|------------|-------|--------|
| Export from East grid to West grid :- Maximum | -20    | MW         | at           | 17:00  | Energy     | 7.867 | MKWHR. |
| Import from West grid to East grid :- Maximum | -      | MW         | at           | -      | Energy     | -     | MKWHR. |
| Water Level of Kaptai Lake at 6:00 13-Oct-17  |        |            |              |        |            |       |        |
| Actual :                                      | 109.00 | Ft.(MSL) , | Rule curve : | 107.10 | Ft.( MSL ) |       |        |

|                      |         |        |                      |  |       |  |       |
|----------------------|---------|--------|----------------------|--|-------|--|-------|
| Gas Consumed : Total | 1047.43 | MMCFD. | Oil Consumed (PDB) : |  | HSD : |  | Liter |
|                      |         |        |                      |  | FO :  |  | Liter |

|                                 |        |              |       |               |         |               |
|---------------------------------|--------|--------------|-------|---------------|---------|---------------|
| Cost of the Consumed Fuel (PDB) | Gas :  | Tk73,872,461 | Oil : | Tk443,087,502 | Total : | Tk526,070,975 |
|                                 | Coal : | Tk9,111,012  |       |               |         |               |

## Load Shedding &amp; 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                       | 3368     | 0                            | 0%                                      |
| Chittagong Area | 0         | 0:00                       | 1162     | 0                            | 0%                                      |
| Khulna Area     | 0         | 0:00                       | 949      | 0                            | 0%                                      |
| Rajshahi Area   | 0         | 0:00                       | 903      | 0                            | 0%                                      |
| Cornilla Area   | 0         | 0:00                       | 894      | 0                            | 0%                                      |
| Mymensingh Area | 0         | 0:00                       | 730      | 0                            | 0%                                      |
| Sylhet Area     | 0         | 0:00                       | 307      | 0                            | 0%                                      |
| Barisal Area    | 0         | 0:00                       | 191      | 0                            | 0%                                      |
| Rangpur Area    | 0         | 0:00                       | 553      | 0                            | 0%                                      |
| <b>Total</b>    | <b>0</b>  | <b>9057</b>                | <b>0</b> | <b>0</b>                     |   |

Information of the Generating Units under shut down.

## Planned Shut- Down

## Forced Shut- Down

Nil

- 1) Bhola-225 MW ST
- 2) Kaptai Unit- 5
- 3) Khulna ST 110 MW (04/11/2014)
- 4) Ghorasal Unit-2,4,5
- 5) Baghabari 100 MW
- 6) Tongi GT
- 7) Chittagong Unit-1,2
- 8) Sikalbaha ST
- 9) Baghabari-71 MW

- 10) Ashuganj # 2
- 11) Ghorasal Max
- 12) Siddirganj-210 MW ST
- 13) Barapukuria ST: Unit-1

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

| Description  | Comments on Power Interruption  |
|--|---|
| a) Kallyanpur-Lalbagh 132 kV Ckt-1 & 2 were shut down from 08:35 to 15:05 for A/M.   |   |
| b) Rangpur 132/33 kV T2 transformer was under shut down from 08:50 to 11:25 for A/M.   |   |
| c) Mongla 132/33 kV T1 & T2 transformer tripped at 09:56 showing E/F relay and were switched on at 10:05   | About 33 MW power interruption occurred under Mongla S/S areas from 09:56 to 10:05    |
| d) Mymensing-Kishoreganj 132 kV Ckt-1 & 2 tripped at 10:48 from both end showing E/F relay at Mymensing end & dist B phase at Kishoreganj end and were switched on at 11:30,12:27 respectively. For this reason Mymensing Zone were under black out condition along with the tripping following machine also tripped | About 423 MW power interruption occurred under Mymensing Zone from 10:48 to 11:30.    |
| <b>Name of the Machine</b>   | <b>Load (MW)</b>  |
| 1) Mymensing RPCL  | 91  |
| 2) Jamalpur  | 94  |
| <b>Tripping time</b>   | <b>Synchronizing time</b>   |
|  | 11:52   |
|  | 12:05   |
| e) Mymensing -Jamalpur 132 kV Ckt-1,2 switched on at 11:47,11:50   |   |
| f) Mymensing -Netrokona 132 kV Ckt-2 tripped at 10:48 from both end showing E/F, O/C relay and was switched on at 12:45.   |   |
| g) Sirajganj-Ashuganj 230 kV Ckt-2 tripped at 11:36 from both end showing SOTF,RST,Z1 at Ashuganj end & T phase Z1,DTT2 at Sirajganj end and was switched on at 11:46.   |   |
| h) Gopalganj-Madaripur 132 kV Ckt tripped at 12:25 showing dist 3 phase and was switched on at 12:36.  | About 40 MW power interruption occurred under Gopalganj S/S areas from 12:25 to 12:36 |
| i) Ghorasal-Narsingdi and Ghorasal-Bhulta 132 kV Ckt was shut down from 10:01 to 16:21 for development work.   |   |
| j) Chapainawabganj 132/33 kV T1 transformer was under shut down from 08:18 to 14:30 for A/M.   |   |
| k) Bheramara HVDC pole tripped at 17:55 showing bridge diff 8F,CBY phase,stage-2 ESOF and was switched on at 19:58 again tripped at 21:02 due to same reason and was switched on at 06:05(13/10/17)  |   |
| l) Shaympur 132/33 kV T4 transformer tripped at 01:07 from 33 kV side showing instantaneous E/F relay and was switched on at 01:21   | About 40 MW power interruption occurred under Shaympur S/S areas from 01:07 to 01:21  |

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Dispatch Circle