

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 :- | | 4698.5 MW at | 21:00 | Hrs | Reporting Date : 14-Dec-10 on 20-Aug-10 | |
| The Summary of Yesterday's (| | 13-Dec-10 |) Generation & Demand | | Today's Actual Min Gen. & Probable Gen. & Demand | |
| Day Peak Generation : | 3153.0 | MW | Hour : | 10:00 | Min Gen. at 4:00 | 2270 MW |
| Evening Peak Generation : | 3577.7 | MW | Hour : | 19:30 | Max Generation : | 3527 MW |
| E.P. Demand (at gen end) : | 4200.0 | MW | Hour : | 19:30 | Max Demand : | 4200 MW |
| Maximum Generation : | 3577.7 | MW | Hour : | 19:30 | Shortage : | 673 MW |
| Total Gen. (MKWH) : | 79.28 | System L/ Factor : | | 85.41% | Load Shed : | 607 MW |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | | |
|---|---------|------------|--------------|---------|------------|---------------|
| Export from East grid to West grid :- | Maximum | 380 | MW | at 1:00 | Energy | 7344000 KWHR. |
| Import from West grid to East grid :- | Maximum | - | MW | at - | Energy | - KWHR. |
| Water Level of Kaptai Lake at 6:00 A M of 14-Dec-10 | | | | | | |
| Actual : | 99.73 | Ft.(MSL) , | Rule curve : | 104.80 | Ft.(MSL) | |

| | | | | | | |
|----------------------|--------|--------|----------------------|---------|-------|--|
| Gas Consumed : Total | 602.27 | MMCFt. | Oil Consumed (PDB) : | | | |
| | | | HSD : | 1633621 | Liter | |
| | | | FO : | 1011014 | Liter | |

Cost of the Consumed Fuel (PDB) : Gas : Tk44,513,776 Oil : Tk85,565,132 Total : Tk130,078,908

Load Shedding & Other Information

| Area | Yesterday | | Today | | |
|-----------------|------------|-----------------------------|---------------------------|---------------------------|-----------------------|
| | | | Estimated Demand(s/s end) | Estimated Shedding (s/s e | Rates of Shedding |
| | MW | | from to MW | MW | (On Estimated Demand) |
| Dhaka | 205 | (16:45-22:18 gen. shortage) | 1644 | 236 | 14% |
| Chittagong Area | 82 | (16:45-22:15 gen. shortage) | 459 | 84 | 18% |
| Khulna Area | 69 | (16:45-21:50 gen. shortage) | 420 | 77 | 18% |
| Rajshahi Area | 58 | (16:45-21:50 gen. shortage) | 345 | 63 | 18% |
| Comilla Area | 47 | (16:45-21:55 gen. shortage) | 272 | 49 | 18% |
| Mymensing Area | 39 | (16:45-21:50 gen. shortage) | 175 | 32 | 18% |
| Sylhet Area | 16 | (16:45-21:50 gen. shortage) | 199 | 16 | 8% |
| Barisal Area | 15 | (16:45-21:50 gen. shortage) | 82 | 15 | 18% |
| Rangpur Area | 30 | (16:45-21:55 gen. shortage) | 193 | 35 | 18% |
| Total | 561 | 19:30 | 3789 | 607 | |

Information of the Generating machines under shut down.

| Planned Shut- Down | Forced Shut- Down |
|--------------------------------|-------------------------------------|
| 1) Haripur SBU GT-3 (18/06/09) | 9) Kaptai #3 (1/12/10) |
| 2) Ghorasal 2(26/04/10) | 10) Meghnaghat P. Ltd GT-1(7/11/10) |
| 3) Siddirganj GT-1 (18/06/10) | 11) Barapukuria-1(09/11/10) |
| 4) Ashuganj-4(12/09/10) | |
| 5) Raozan-1 (03/10/10) | |
| 6) Sikalbaha GT (24/10/10) | |
| 7) Raozan-2 (21/10/10) | |
| 8) Kaptai #5 (02/11/10) | |

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

| Description | Forced load shaded / Interrupted Areas |
|--|--|
| a) There was generation shortage in the evening peak hour yesterday. | So about 561 MW (19:30) of load shed was imposed over the whole areas of the national grid . |
| b) Due to low gas pressure RPCL (210 MW) and Tongi (105 MW) were limited to 89 MW and 25 MW respectively. | |
| c) 132 KV Mymensingh - Jamalpur line-1 (from 07:25 to 15:24), Comilla (N) - Feni (from 08:41 to 17:14), Kulshi - Bakulia line-2 (from 08:38 to 16:03), Dohazari - Cox's Bazar line-1 (from 08:25 to 16:55), Bheramara-Kustia line-2 (from 08:45 to 16:22), Joydevpur-Ghorasal line-1 (from 09:10 to 16:50), Ashuganj-Kishoreganj line-2 (from 08:31 to 18:22), Rangpur-Barapukuria line-1 (from 09:15 to 17:05) and 230 KV Ishurdi-Baghabari line-1(from 08:09 to 17:34), Meghnaghat-Haripur line-2 (from 08:16 to 16:50),Ghorasal-Rampura line-1 (from 07:57 to 17:53) were under annual maintenance. | |
| d) Mymensingh T1 (from 08:02 to 12:48), Gopalganj T1 (from 09:01 to 13:35) 132/33 kV x-formers were under annual maintenance. | |
| e) Goalpara 33 kV bus was under shut down from 11:28 to 13:04 due to emergency work. | |
| f) Meghnaghat GT-1 was synchronized at 19:01(On Test). It again shut down at 20:54 and was synchronized at 21:44 (On Test). | |

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle