

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 : 23-Jan-11
on 20-Aug-10

| The Summary of Yesterday's (22-Jan-11) | | Generation & Demand | | | Today's Actual Min Gen. & Probable Gen. & Demand | | |
|--|--------|---------------------|--------|--------|--|------|----|
| Day Peak Generation : | 3418.0 | MW | Hour : | 10:00 | Min Gen. at 4:00 | 2667 | MW |
| Evening Peak Generation : | 3639.0 | MW | Hour : | 20:00 | Max Generation : | 3575 | MW |
| E.P. Demand (at gen end) : | 4050.0 | MW | Hour : | 20:00 | Max Demand : | 4100 | MW |
| Maximum Generation : | 3639.0 | MW | Hour : | 20:00 | Shortage : | 525 | MW |
| Total Gen. (MKWH) : | 72.52 | System L/ Factor : | | 85.41% | Load Shed : | 462 | MW |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | | | |
|---|---------|------------|--------------|---------|------------|---------|-------|
| Export from East grid to West grid :- | Maximum | 450 | MW | at 6:00 | Energy | 8713000 | KWHR. |
| Import from West grid to East grid :- | Maximum | - | MW | at - | Energy | - | KWHR. |
| Water Level of Kaptai Lake at 6:00 A M of 23-Jan-11 | | | | | | | |
| Actual : | 92.46 | Ft.(MSL) , | Rule curve : | 98.80 | Ft.(MSL) | | |

Gas Consumed : Total 597.34 MMCFt. Oil Consumed (PDB) :
HSD : 1645020 Liter
FO : 1475863 Liter

Cost of the Consumed Fuel : Gas : Tk44,149,399 Oil : Tk95,318,063 Total : Tk139,467,463

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 | 161 | #REF! | 1556 | 163 | 10% |
| Chittagong Area | 36 | (17:15-23:18 gen. shortage) | 437 | 67 | 15% |
| Khulna Area | 38 | (17:15-23:02 gen. shortage) | 401 | 62 | 15% |
| Rajshahi Area | 35 | (17:15-22:58 gen. shortage) | 328 | 50 | 15% |
| Comilla Area | 27 | (17:15-23:15 gen. shortage) | 260 | 40 | 15% |
| Mymensing Area | 30 | (17:15-22:03 gen. shortage) | 166 | 25 | 15% |
| Sylhet Area | 13 | (17:15-22:03 gen. shortage) | 196 | 15 | 8% |
| Barisal Area | 7 | (17:15-23:02 gen. shortage) | 78 | 12 | 15% |
| Rangpur Area | 14 | (17:15-21:58 gen. shortage) | 184 | 28 | 15% |
| Total | 361 | 20:00 | 3606 | 462 | |

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) Barapukuria-2(20/12/10) |
| 3) Siddirganj GT-1 (18/06/10) | 11) Ghorasal #3(18/01/11) |
| 4) Ashuganj-4(12/09/10) | 12) AES Haripur 360 MW (20/1/11) |
| 5) Raozan-1 (03/10/10) | 13) Ashuganj CCPP GT-2(23/01/11) |
| 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. b) Due to low gas pressure RPCL (210 MW) was limited to 87 MW. c) Ashuganj CCPP GT-1 & ST tripped at 22:11 due to turbine vibration and was synchornized at 00:54 & 03:(23/01/11) and GT-2 was shut down at 02:25(23/01/11) due to hot gas path inspection. d) Barapukuria #1 tripped at 07:58(23/01/11) due to cooling pump trip and was synchronized at 09:48. e) Hathazari-Feni 132kV line-1 was under shut down from 07:50 to 16:14 due to annual maint. f) Barulia 132/33 kV T2 X-former was under shut down from 08:47 to 13:33 due to annual maint. g) Barishal 132/33 kV T2 X-former was under shut down from 08:45 to 12:30 and T1 X-former was under shut down from 12:40 to 14:12 due to annual maint. | So about 361 MW (20:00) of load shed was imposed over the whole areas of the national grid . Power interruption occurred (about 25 MW) under Barishal S/S areas from 09:45 to 12:30 and 12:40 to 14:12. About 200 MW (09:00) of load shed has been running since morning (23/01/2011) over the whole area (except Sylhet) of the national grid. |

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle