

POWER GRID COMPANY OF BANGLADESH LTD.
NATIONAL LOAD DESPATCH CENTER
DAILY REPORT

QF-LDC-08
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Reporting Date : 20-Feb-12

Till now the maximum generation is :-

| The Summary of Yesterday's (| |) Generation & Demand | | 22:00 | Hrs | Today's Actual Min Gen. & Probable Gen. & Demand | |
|------------------------------|--|-----------------------|--------------------|--------|-------|--|--------------|
| Day Peak Generation : | | 3988.0 | MW | Hour : | 9:00 | Min. Gen. at | 4:00 3267 MW |
| Evening Peak Generation : | | 4887.0 | MW | Hour : | 20:00 | Max Generation : | 4950 MW |
| E.P. Demand (at gen end) : | | 5300.0 | MW | Hour : | 20:00 | Max Demand : | 5350 MW |
| Maximum Generation : | | 4887.0 | MW | Hour : | 20:00 | Shortage : | 400 MW |
| Total Gen. (MKWH) : | | 94.51 | System L/ Factor : | 85.41% | | Load Shed : | 366 MW |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | | | | |
|---------------------------------------|---------|-----|----|----|------|--------|--------|--------|
| Export from East grid to West grid :- | Maximum | 840 | MW | at | 6:00 | Energy | 14.650 | MKWHR. |
| Import from West grid to East grid :- | Maximum | - | MW | at | - | Energy | - | MKWHR. |

| | | | | | |
|----------|-------|---|--------------|-----------|------------|
| | | Water Level of Kaptai Lake at 6:00 A M on | | 20-Feb-12 | |
| Actual : | 86.89 | Ft.(MSL) , | Rule curve : | 94.48 | Ft.(MSL) |

| | | | | | |
|----------------|-------|--------|--------|----------------------|-------|
| Gas Consumed : | Total | 705.09 | MMCFD. | Oil Consumed (PDB) : | |
| | | | | HSD : | Liter |
| | | | | FO : | Liter |

| | | | | | |
|---------------------------------------|--------|--------------|-------|---------------|-----------------------|
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas : | Tk56,304,250 | | | |
| | Coal : | Tk6,148,072 | Oil : | Tk187,429,826 | Total : Tk249,882,148 |

Load Shedding & Other Information

| Area | Yesterday | | Today | | |
|-----------------|------------|--------------|---|------------------------------------|--|
| | MW | | Estimated Demand(s/s end) from 10:00 | Estimated Shedding (s/s end) MW | Rates of Shedding (On Estimated Demand) |
| Dhaka | 134 | 18:10-21:00 | 1850 | 98 | 5% |
| Chittagong Area | 41 | 18:10-20:30 | 568 | 51 | 9% |
| Khulna Area | 49 | 18:10-21:30 | 555 | 49 | 9% |
| Rajshahi Area | 40 | 18:10-22:30 | 500 | 44 | 9% |
| Comilla Area | 34 | 18:10-22:35 | 425 | 38 | 9% |
| Mymensing Area | 23 | 18:10-22:35 | 310 | 30 | 10% |
| Sylhet Area | 24 | 18:10-22:35 | 270 | 19 | 7% |
| Barisal Area | 7 | 18:10-21:30 | 114 | 9 | 8% |
| Rangpur Area | 26 | 18:10-22:30 | 306 | 28 | 9% |
| Total | 378 | 20:00 | 4898 | 366 | |

Information of the Generating machines under shut down.

| Planned Shut- Down | Forced Shut- Down |
|--------------------------------|--|
| 1) Haripur SBU GT-3 (18/06/09) | 1) Ghorasal 6(18/07/10) 09) Ashuganj-3(10/11/11) |
| 2) Ghorasal 2(26/04/10) | 2) Ashuganj-1(09/11/10) 10) Khulna-110 MW(7/11/11) |
| 3) Kaptai #3 (1/12/10) | 3) Raozan-2 (26/03/11) 11) Sikalbaha 60 MW(16/11/11) |
| | 4) WMPL #2(1/8/11) 12) Raozan-1 (24/11/11) |
| | 5) Bhola RPP (18/7/11) 13) Khulna-60 MW(24/1/12) |
| | 6) Siddhirganj ST 210 MW (1/8/11) 14) Baghabari-71 MW(26/1/12) |
| | 7) Sikalbaha GT 150MW (14/11/11) 15) Ghorasal-4(17/2/12) |
| | 8) Shahjibazar #5 & 6(21/7/11) |

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 378 MW (20:00) of load shed was imposed over the whole areas of the national grid . |
| b) Due to low gas pressure HPL 360 MW, Siddhirganj 210 MW , Megnaghat 450 MW and Tongi 105 MW were limited to 241 MW, 45 MW, 420 MW and 60 MW respectively. | |
| c) Chattak 132/33 kV T2 transformer was under shut down from 09:23 to 15:35 due to annual maint. | Power interruption occurred (about 50 MW) under Madanganj S/S areas from 14:30 to 15:45. |
| d) Haripur 132kV main bus was under shut down from 09:48 to 13:05 due to development work. | |
| e) Noapara 132kV A-bus was under shut down from 09:44 to 10:35 due to red hot maintenance. | Due to generation shortage about 226 MW (09:00) of load shed has been running since morning (20/2/12) over the whole area (except Sylhet, Mymensing) of the national grid. |
| f) Shahjibazar GT-8 was under shut down from 11:06 to 12:58 due to gas control valve maintenance. | |
| g) Madanganj 132kV main busbar was under shut down from 14:30 to 15:45 due to red hot maintenance. | |
| h) After maintenance Haripur 230/132 kV Tr-2 transformer was switched on at 20:05. | |

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle