

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 :- | | | | 5243.5 MW | at 22:00 | Hrs | Reporting Date : 16-Feb-12 on 29-Aug-11 | | |
| The Summary of Yesterday's (| | 15-Feb-12 |) Generation & Demand | | | Today's Actual Min Gen. & Probable Gen. & Demand | | | |
| Day Peak Generation : | 4392.0 | MW | Hour : | 9:00 | Min. Gen. at | 4:00 | 3184 | MW | |
| Evening Peak Generation : | 5140.0 | MW | Hour : | 20:00 | Max Generation : | | 5100 | MW | |
| E.P. Demand (at gen end) : | 5350.0 | MW | Hour : | 20:00 | Max Demand : | | 5350 | MW | |
| Maximum Generation : | 5140.0 | MW | Hour : | 20:00 | Shortage : | | 250 | MW | |
| Total Gen. (MKWH) : | 95.64 | | System L/ Factor : | 85.41% | Load Shed : | | 226 | MW | |
| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR | | | | | | | | | |
| Export from East grid to West grid :- Maximum | | | | 810 | MW | at 8:00 | Energy | 13.879 MKWHR. | |
| Import from West grid to East grid :- Maximum | | | | - | MW | at - | Energy | - MKWHR. | |
| Water Level of Kaptai Lake at 6:00 A M on | | | | | 16-Feb-12 | | | | |
| Actual : | 87.54 | Ft.(MSL) , | | | Rule curve : | 94.90 | Ft.(MSL) | | |
| Gas Consumed : Total | | 741.80 | MMCFD. | | Oil Consumed (PDB) : | | | | |
| | | | | | HSD : Liter | | | | |
| | | | | | FO : Liter | | | | |
| Cost of the Consumed Fuel (PDB+Pvt) : | | Gas : | Tk59,235,690 | | | | | | |
| | | Coal : | Tk11,421,888 | | Oil : | Tk230,349,021 | Total : | Tk301,006,599 | |

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 | 77 | (18:05-22:10) | 1866 | 52 | 3% |
| Chittagong Area | - | 0 | 502 | 32 | 6% |
| Khulna Area | 31 | (18:05-22:05) | 540 | 35 | 6% |
| Rajshahi Area | 28 | (18:05-22:15) | 560 | 36 | 6% |
| Comilla Area | 20 | (18:05-22:15) | 422 | 27 | 6% |
| Mymensing Area | 15 | (18:05-22:10) | 303 | 19 | 6% |
| Sylhet Area | - | 0 | 244 | - | - |
| Barisal Area | 4 | (18:05-22:05) | 103 | 6 | 6% |
| Rangpur Area | 15 | (18:05-20:25) | 302 | 19 | 6% |
| Total | 190 | 20:00 | 4842 | 226 | |

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(24/11/12) |
| | 6) Siddhirganj ST 210 MW (1/8/11) 14) Baghabari-71 MW(26/11/12) |
| | 7) Sikalbaha GT 150MW (14/11/11) |
| | 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 190 MW (20:00) of load shed was imposed over the whole(except-Sylhet & Chittagong) 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 268 MW, 44 MW, 420 MW and 40 MW respectively. | |
| c) Feni-Chowmuhoni 132kV Ckt-2 was under shut down from 09:10 to 16:55 due to annual maint. | Power interruption occurred (about 63 MW) under Tangail S/S areas from 18:50 to 19:13. |
| d) Fenchuganj-Sylhet 132kV Ckt-2 was under shut down from 08:55 to 16:42 due to annual maint. | |
| e) Dohazari-Cox'bazar 132kV Ckt-1 was under shut down from 08:20 to 16:25 due to annual maint. | Power interruption occurred (about 104 MW) underNoapara,Jhenidah, Jessore,Magura & Chuadanga S/S areas from 00:05 to 00:15(16/2/12) |
| f) Siddirganj-Ashuganj 230kV Ckt-2 was under shut down from 11:39 to 14:52 due to change of CT. | |
| g) Hathazari 230/132 kV MT2 transformer was under shut down from 08:05 to 15:26 due to annual maintenance. | Power interruption occurred (about 60 MW) under Siddirganj S/S areas from 03:20 to 03:32(16/2/12). |
| h) Gallamari 132/33 kV T2 transformer was under shut down from 08:34 to 14:02 due to annual maintenance. | |
| i) Tangail 132/33 kV T1 & T2 transformer tripped at 18:50 showing O/C relay and were switched on at 19:13. | Due to generation shortage, about 392 MW (09:00) of load shed has been running since morning (16/02/12) over the whole area (except-Sylhet & Mymensing) of the national grid. |
| j) Tangail-Kabirpur 132 kV Ckt-2 tripped at 18:50 from both end showing dist. RST, DT-1 at Tangail end & dist. RST,67N at Kabirpur end and was switched on at 19:21. | |
| k) Jhenidah 132/33 kV T1 transformer was shut down at 13:16 due to protection work and was switched on at 15:05. | |
| l) Khulna(C)-Noapara 132 kV Ckt-1 & 2 tripped at 00:05(16/2/12) showing dist. B-phase & Y-phase and under inspection. | |
| m) Haripur SBU-2 was forced shut down at 23:23 due to abnormal of burner flame. | |
| n) Haripur SBU-1 tripped at 02:17(16/2/12) due to gas pressure low and was sync.at 09:02(16/2/12). | |
| o) Siddirganj 132/33 kV T1 & T2 transformers tripped at 03:20(16/2/12) due to instantaneous E/F relay and was switched on at 03:32(T-1)(16/2/12). | |

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle