

POWER GRID COMPANY OF BANGLADESH LTD.
CENTRAL LOAD DESPATCH CENTER, LDC, DHAKA
DAILY REPORT

QF-LDC-08
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Till now the maximum generation is :- MW at **4130.0** **20:00** Reporting Date : **21-Feb-09**
17-Sep-07

| The Summary of Yesterday's (20-Feb-09) | | Generation & Demand | | Today's Actual Min Gen. & Probable Gen. & Demand | |
|--|--------|---------------------|--------------|--|---------|
| Day Peak Generation : | 3055.5 | MW | Hour : 12:00 | Min Gen. at 4:00 | 2790 MW |
| Evening Peak Generation : | 3412.5 | MW | Hour : 20:00 | Max Generation : | 3480 MW |
| E.P. Demand (at gen end) : | 4000.0 | MW | Hour : 20:00 | Max Demand : | 4100 MW |
| Maximum Generation : | 3412.5 | MW | Hour : 20:00 | Shortage : | 620 MW |
| Total Gen. (MKWH) : | 73.45 | System L/ Factor : | 89.68% | Load Shed : | 538 MW |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | |
|---|-------------------------------|---------|--------|---------------|
| Export from East grid to West grid :- Maximum | 380 MW | at 3:00 | Energy | 7618000 KWHR. |
| Import from West grid to East grid :- Maximum | - | at - | Energy | - KWHR. |
| Water Level of Kaptai Lake at 6:00 A M of 21-Feb-09 | | | | |
| Actual : 82.46 Ft.(MSL) , | Rule curve : 94.20 Ft.(MSL) | | | |

| | | | | | | |
|----------------------|--------|--------|----------------------|-------|--------|-------|
| Gas Consumed : Total | 636.98 | MMCFt. | Oil Consumed (PDB) : | SKO : | 0 | Liter |
| | | | | HSD : | 308894 | Liter |
| | | | | FO : | 397153 | Liter |

Cost of the Consumed Fuel (PDB) : Gas : Tk47,079,192 Oil : Tk23,014,776 Total : Tk70,093,968

Load Shedding & Other Information

| Area | Yesterday | | Today | | |
|-----------------|-------------------------------|-------|---------------------------------|------------------------------------|--|
| | Actual Shedding (s/s end), MW | | Estimated Demand(s/s end) MW | Estimated Shedding (s/s end) MW | Rates of Shedding (On Estimated Demand) |
| | from 17:45 | 1:58 | | | |
| Dhaka | 152 | | 1484 | 104 | 7% |
| Chittagong Area | 87 | | 454 | 95 | 21% |
| Khulna Area | 77 | | 416 | 87 | 21% |
| Rajshahi Area | 51 | | 334 | 70 | 21% |
| Comilla Area | 63 | | 263 | 55 | 21% |
| Mymensing Area | 30 | | 200 | 42 | 21% |
| Sylhet Area | 12 | | 161 | 33 | 20% |
| Barisal Area | 18 | | 74 | 16 | 22% |
| Rangpur Area | 20 | | 174 | 36 | 21% |
| | (| | | | |
| Total | 510 | 20:00 | 3560 | 538 | |

Information of the Generating machines under maintenance

| Planned Shut- Down | Forced Shut- Down |
|----------------------------|----------------------------------|
| 1) Khulna 60 MW (05/07/06) | 1) Kaptai- 3 (19/04/08) |
| | 2) Raozan -1 (09/02/09) |
| | 3) Shajibazar-2 (13/07/08) |
| | 4) Shajibazar-4 (18/10/08) |
| | 5) Ghorasal-1 (30/09/08) |
| | 6) Shajibazar-5 (22/11/08) |
| | 7) Sikalbaha Barge (19/06/08) |
| | 8) Sikalbaha St-(24/12/08) |
| | 9) Siddhirganj 210 MW (04/01/09) |
| | 10) HPL GT & ST (05/02/09) |
| | 11) Ashuganj -5 (20/02/09) |
| | 12) Tongi GT (20/02/09) |

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 510 MW (20:00) of load shed was imposed over the whole area of the national grid. |
| b) Due to gas limitation, RPCL (210MW), Haripur SBU (96 MW) and Raozan -2 (210 MW), were limited to 116 MW, 81 MW and 100 MW respectively. | |
| c) Due to gas limitation, Sikalbaha Barge & Steam, Raozan -1, and Shajibazar -2, 4, 5 & 6 are under shut down. | |
| d) Due to low water level, Kaptai - 2 & 4 are under shut down. | |
| e) Baghabari GT-1 (71 MW) was under shutdown from 10:02 to 14:15 due to changing of filter. | |
| f) Shajibazar (86MW) tripped at 10:57 showing no relay and was synchronized at 11:10. | |
| g) Ashuganj CCGP GT-1 and ST tripped at 21:50 and GT-1 was synchronized at 02:36 (21/02/09). Steam may be synchronized before evening peak hour today. | |
| h) Rampura 132 KV bus - I, Maniknagar - Narinda line-1 and Hathazari 230/132 KV MT-2 transformer were under annual maintenance from 08:06 to till now, 08:10 to 11:58 and 08:23 to 16:09 respectively. | |
| | Due to gas limitation / generation shortage about 100 MW (09:00) of load shed has been running since morning (21/02/09) over the whole area (except Khulna, Barisal, Rajshahi, Rangpur, Mymensing Sylhet) of the national grid. |

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division

Deputy General Manager
Load Despatch Circle