

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 :- **4724.1 MW at 21:00 Hrs** Reporting Date : 23-May-11
on 22-Apr-11

| The Summary of Yesterday's (22-May-11) | | Generation & Demand | | Today's Actual Min Gen. & Probable Gen. & Demand | |
|--|--------|---------------------|--------------|--|---------|
| Day Peak Generation : | 3810.0 | MW | Hour : 12:00 | Min. Gen. at 8:00 | 3251 MW |
| Evening Peak Generation : | 4502.5 | MW | Hour : 20:00 | Max Generation : | 4390 MW |
| E.P. Demand (at gen end) : | 5000.0 | MW | Hour : 20:00 | Max Demand : | 5100 MW |
| Maximum Generation : | 4502.5 | MW | Hour : 20:00 | Shortage : | 710 MW |
| Total Gen. (MKWH) : | 84.56 | System L/ Factor : | 85.41% | Load Shed : | 648 MW |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | | | |
|---|---------|------------|--------------|----------|------------|-------|--------|
| Export from East grid to West grid :- | Maximum | 530 | MW | at 20:00 | Energy | 9.294 | MKWHR. |
| Import from West grid to East grid :- | Maximum | - | MW | at - | Energy | - | MKWHR. |
| Water Level of Kaptai Lake at 6:00 A M on 23-May-11 | | | | | | | |
| Actual : | 76.60 | Ft.(MSL) , | Rule curve : | 77.80 | Ft.(MSL) | | |

| | | | | |
|----------------------|--------|--------|----------------------|-------------------|
| Gas Consumed : Total | 681.31 | MMCFD. | Oil Consumed (PDB) : | HSD : 17378 Liter |
| | | | | FO : 0 Liter |

Cost of the Consumed Fuel (PDB) : Gas : Tk54,405,322 Oil (PDB) : Tk764,617 Total : Tk55,169,939

Load Shedding & Other Information

| Area | Yesterday | | Today | | |
|-----------------|------------|-------------|---------------------------|-------------|----------------------------|
| | | | Estimated Demand(s/s end) | | Estimated Shedding (s/s e) |
| | MW | | from | to MW | MW |
| Dhaka | 162 | 18:35-00:15 | | 2000 | 235 |
| Chittagong Area | 105 | 18:35-22:20 | | 574 | 98 |
| Khulna Area | 91 | 18:35-00:15 | | 492 | 82 |
| Rajshahi Area | 78 | 18:35-00:20 | | 429 | 73 |
| Comilla Area | - | 0 | | 338 | 58 |
| Mymensing Area | - | 0 | | 260 | 44 |
| Sylhet Area | - | 0 | | 223 | - |
| Barisal Area | 18 | 18:35-23:20 | | 101 | 17 |
| Rangpur Area | - | 0 | | 239 | 41 |
| Total | 454 | 20:00 | | 4656 | 648 |

Information of the Generating machines under shut down.

| Planned Shut- Down | Forced Shut- Down |
|---|--|
| 1) Haripur SBU GT-3 (18/06/09) 2) Ghorasal 2(26/04/10) 3) Siddirganj GT-1 (18/06/10) 4) Ashuganj-4(12/09/10) 5) Kaptai #3 (1/12/10) | 1) Ghorasal 6(18/07/10) 2) Ashuganj-1(09/11/10) 3) Raozan-2 (26/03/11) 4) Khulna-100 & 60 MW (18/4/11) 5) WMPL #1(10/5/11) 6) Raozan-1 (14/5/11) 7) Siddhirganj 210 MW (22/5/11) |

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. b) Due to low gas pressure RPCL 210 MW was limited to 145 MW. c) Joydevpur 132/33 kV T3 transformer was under shut down from 08:31 to 18:11 due to oil leakage maintenance. d) Comilla(N)-Feni Ckt-2 was under shut down from 08:56 to 10:30 due to red hot maintenance at T-point at Comilla end. e) Tongi-Mirpur 132 kV line was under shut down from 13:15 to 19:46 due to project work. f) Ashuganj CCPP GT-1 & ST were forced shut down at 10:36 due to accumulator maint.. g) Ishurdi-Khulna (S) 230kV Ckt-1 was under shut down from 11:00 to 12:57 due to maintenance work. h) Feni-Hathazari 132kV Ckt-1 tripped at 11:01 showing dist. Z1, BC relay and was switched on at 11:37. i) Ishurdi 230/132 kV T-02 tripped at 11:08 showing oil temperature trip and was switched on at 11:58. j) Kulshi 132kV bus was under shut down from 13:15 to 14:40 due to red hot maintenance. k) Mymensingh-Jamalpur 132kV Ckt-2 was under shut down from 13:15 to 03:32(23/5/11) due to compressor maintenance. l) After maintenance Sikalbaha 60 MW was synchronized at 15:10. m) Daudkandi-Haripur 132kV Ckt-2 tripped at 15:18 from both end showing dist. Z1, CB lockout at Doudkandi end & dist. C-N Z1 relay at Haripur end and was switched on at 15:95. n) Meghnaghat IEL tripped at 15:18 due to auxiliary failure and was synchronized at 16:18. o) Chandpur-Chowmohony 132kV Ckt-1 & 2 tripped at 18:32 showing directional O/C relay at ckt-1 & dist. ABC, Z1 relay at ckt-2 and were switched on at 18:45, 18:46 respectively. p) Barapukuria #1 was forced shut down at 00:25(23/5/11) due to boiler tube leakage. q) Siddhirganj GT-2 tripped at 02:06(23/5/11) showing fire alarm. | So about 454 MW (20:00) of load shed was imposed over the whole (Except Sylhet,Mymensing,Comilla & Rangpur) areas of the national grid. |

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle