

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 :- **6675 MW** at **21:00** Hrs on **12-Jul-13** Reporting Date : **9-Sep-13**

| The Summary of Yesterday's (| |) Generation & Demand | | Today's Actual Min Gen. & Probable Gen. & Demand | | | |
|------------------------------|--------|-----------------------|--------|--|------------------|------|---------|
| Day Peak Generation : | 4924.0 | MW | Hour : | 12:00 | Min. Gen. at | 7:00 | 4623 MW |
| Evening Peak Generation : | 5997.0 | MW | Hour : | 21:00 | Max Generation : | | 6190 MW |
| E.P. Demand (at gen end) : | 6425.0 | MW | Hour : | 21:00 | Max Demand : | | 6500 MW |
| Maximum Generation : | 6035.0 | MW | Hour : | 22:00 | Shortage : | | 310 MW |
| Total Gen. (MKWH) : | 124.57 | System L/ Factor : | | 81.11% | Load Shed : | | 289 MW |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | | | |
|--|-------|------------|--------------|--------|------------|--------|--------|
| Export from East grid to West grid :- Maximum | 580 | MW | at | 4:00 | Energy | 10.941 | MKWHR. |
| Import from West grid to East grid :- Maximum | - | MW | at | - | Energy | - | MKWHR. |
| Water Level of Kaptai Lake at 6:00 A M on 9-Sep-13 | | | | | | | |
| Actual : | 93.10 | Ft.(MSL) , | Rule curve : | 100.84 | Ft.(MSL) | | |

Gas Consumed : Total 909.60 MMCFD. Oil Consumed (PDB) :
HSD : Liter
FO : Liter

Cost of the Consumed Fuel (PDB+Pvt) : Gas : Tk72,635,189
Coal : Tk17,166,758 Oil : Tk371,322,725 Total : Tk461,124,673

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 | 137 | (18:20-24:00) | 2314 | - | - |
| Chittagong Area | 61 | (18:20-24:00) | 646 | 54 | 8% |
| Khulna Area | 71 | (18:20-24:00) | 705 | 59 | 8% |
| Rajshahi Area | 42 | (18:20-24:00) | 686 | 58 | 8% |
| Comilla Area | 25 | (18:20-24:00) | 473 | 40 | 8% |
| Mymensing Area | 23 | (18:20-24:00) | 392 | 33 | 8% |
| Sylhet Area | 10 | (18:20-24:00) | 293 | - | - |
| Barisal Area | 11 | (18:20-24:00) | 142 | 12 | 8% |
| Rangpur Area | 18 | (18:20-24:00) | 400 | 33 | 8% |
| Total | 398 | 21:00 | 6051 | 289 | |

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) 9) Sikalbaha 60 MW (15/08/13) 2) Khulna-60 MW(24/1/12) 10) Raozan #1 (15/08/13) 3) Shahjibazar #5 & 6(21/7/11) 11) Siddhirganj 100MW (30/08/13) 4) WMPL #1(1/5/12) 5) WMPL #2(24/4/13) 6) Raojan #2 (31/07/13) 7) Shahjibazar #9 (14/08/13) 8) Ghorasal #2 (21/08/13) |

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 398 MW (21:00) of load shed was imposed over the whole areas of the national grid . |
| b) Natore 132/33 kV T3 transformer was shut down from 09:52 to 10:45 due to red hot maintenance work at 33 kV end. | Power interruption occurred (about 7 MW) under Natore S/S areas from 09:52 to 10:45. |
| c) Naogaon 132/33 kV T2 transformer was shut down from 11:05 to 12:47 due to red hot maintenance work at 33 kV end. | |
| d) Khulna © -Khulna 150MW 132 kV Ckt-1 & 2 was shut down from 09:32 to 11:40 due to red hot maintenance work. | |
| e) Maniknagar-Bangabhaban 132 kV Ckt-2 tripped at 11:57 showing pilot wire protection, main protection trip relay at Maniknagar end and was switched on at 12:14. | |
| f) Barisal- Bhandaria 132 kV Ckt was shut down from 11:15 to 12:58 due to red hot maintenance work at Barisal end. | |
| g) Kishoreganj 33 kV bus was shut down from 12:10 to 12:13 due to red hot maintenance work at 33 kV end. | Power interruption occurred (about 23 MW) under Kishoreganj S/S areas from 12:10 to 12:13. |
| h) Faridpur 132/33 kV T1 transformer was shut down from 09:27 to 11:05 due to 33 kV side CT temperature high. | |
| i) Naogaon 33kV bus (Partial) was shut down from 14:25 to 15:45 due to 33 kV breaker and isolator problem. | Power interruption occurred (about 20 MW) under Naogaon S/S areas from 14:25 to 15:45. |
| j) Ishurdi-Khulna 230 kV Ckt-1 was shut down at 16:54 due to in & out line at Bheramara 230 kV S/S. | |
| k) Ghorasal #2 tripped at 18:40 due to low gas pressure. | |

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle