

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 :-

6350 MW at

21:00

Hrs

Reporting Date : 13-Aug-12
on 4-Aug-12

| The Summary of Yesterday's (12-Aug-12) | | Generation & Demand | | Today's Actual Min Gen. & Probable Gen. & Demand | | | |
|--|--------|---------------------|--------|--|-------------------|------|----|
| Day Peak Generation : | 4940.0 | MW | Hour : | 12:00 | Min. Gen. at 7:00 | 4039 | MW |
| Evening Peak Generation : | 5610.0 | MW | Hour : | 21:00 | Max Generation : | 5861 | MW |
| E.P. Demand (at gen end) : | 6350.0 | MW | Hour : | 21:00 | Max Demand : | 6200 | MW |
| Maximum Generation : | 5610.0 | MW | Hour : | 21:00 | Shortage : | 339 | MW |
| Total Gen. (MKWH) : | 118.59 | System L/ Factor : | | 85.41% | Load Shed : | 304 | MW |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | | |
|---|-------|------------|--------------|--------|------------|--------|
| Export from East grid to West grid :- Maximum | 640 | MW | at 5:00 | Energy | 12.155 | MKWHR. |
| Import from West grid to East grid :- Maximum | - | MW | at - | Energy | - | MKWHR. |
| Water Level of Kaptai Lake at 6:00 A M on 13-Aug-12 | | | | | | |
| Actual : | 99.28 | Ft.(MSL) , | Rule curve : | 92.84 | Ft.(MSL) | |

| | | | | | | |
|----------------|-------|--------|--------|----------------------|--|-------|
| Gas Consumed : | Total | 872.36 | MMCFD. | Oil Consumed (PDB) : | | |
| | | | | HSD : | | Liter |
| | | | | FO : | | Liter |

| | | | | | | |
|---------------------------------------|--------|--------------|-------|---------------|---------|---------------|
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas : | Tk69,661,427 | | | | |
| | Coal : | Tk17,587,259 | Oil : | Tk324,834,749 | Total : | Tk412,083,434 |

Load Shedding & Other Information

| Area | Yesterday | | Today | |
|-----------------|-------------------|-------------------------------------|---------------------------------|---|
| | MW | Estimated Demand(s/s end) from 10MW | Estimated Shedding (s/s end) MW | Rates of Shedding (On Estimated Demand) |
| Dhaka | 205 (18:15-00:43) | 2210 | 79 | 4% |
| Chittagong Area | 82 (18:15-00:45) | 608 | 45 | 7% |
| Khulna Area | 63 (18:15-00:30) | 665 | 49 | 7% |
| Rajshahi Area | 79 (18:15-00:25) | 592 | 44 | 7% |
| Cornilla Area | 84 (18:15-00:42) | 411 | 30 | 7% |
| Mymensing Area | 77 (18:15-00:24) | 325 | 23 | 7% |
| Sylhet Area | - 0 | 290 | - | - |
| Barisal Area | 21 (18:15-00:30) | 129 | 9 | 7% |
| Rangpur Area | 54 (18:15-00:25) | 338 | 25 | 7% |
| Total | 665 21:00 | 5568 | 304 | |

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) Kaptai #3 (1/12/10) 4) Sikaibaha-60 MW(2/7/12) | 1) Ghorasal 6(18/07/10) 9) Raozan-1(11/8/12) 2) Ashuganj-1(09/11/10) 3) Khulna-60 MW(24/1/12) 4) Shahjibazar #5 & 6(21/7/11) 5) Ashuganj CC GT1 & ST(3/6/12) 6) Khulna-110 MW(21/6/12) 7) WMPL #1(1/5/12) 8) Raozan #2 (8/8/12) |

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 665 MW (21:00) of load shed was imposed over the whole areas(Except-Sylhet) of the national grid . |
| b) Haripur-Matuail 132kV Ckt was under shut down from 09:25 to 13:13 due to red hot maintenance at Matuail end. | |
| c) Sylhet 132/33kV T4 transformer was under shut down from 12:48 to 14:47 due to 33kV bus isolator red hot maintenance. | Power interruption occurred (about 40 MW) under Sylhet S/S area from 12:48 to 14:47. |
| d) Purbashadipur 132/33 kV T1 transformer was under shut down from 13:25 to 14:40 due to red hot maintenance at 33kV side Y-phase isolator clamp. | |
| e) Haripur AES steam unit tripped at 16:26 due to boiler drum level high. | |
| f) B.Pukuria #2 tripped at 18:13 due to low vacuum pressure and was synchronized at 23:10. | |
| g) Ghorasal #1 tripped at 19:45 due to vacuum pressure low. | |
| h) Madanganj-Sitalakhya 132kV line tripped at 19:30 due to R-phase L/A burst at Madanganj end. At the same time Haripur-Madanganj 132kV line tripped Madanganj end showing dist.Z1 relay. Haripur-Madanganj line was switched on at 19:32 & Madanganj-Sitalakhya line was switched on at 21:45. | Power interruption occurred (about 125 MW) under Madanganj, Munsiganj & Sitalakhya S/S areas from 19:03 to 19:32 and (about 60 MW) under only Sitalakhya S/S area from 19:32 to 21:45 . |
| i) Rampura-Moghbazar 132kV Ckt-1 & 2 tripped at 02:38(13/8/12) from Moghbazar end showing bus protection relay and were switched on at 04:22, 04:40 (13/8/12) respectively. | Power interruption occurred (about 83 MW) under Moghbazar S/S area from 02:38 to 04:22(13/8/12). |
| j) Maniknagar-Bangabhaban 132kV Ckt-2 tripped at 03:44(13/8/12) from Maniknagar end showing pilot wire protection, O/C, Main protection trip, backup protection, trip Ckt-1 & 2 supervision relays and it is now under inspection. | |
| Deputy / Asstt. Manager Network Operation Division | Manager Network Operation Division |
| | Deputy General Manager Load Despatch Circle |