

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 :- | | 4296.0 MW at | | 20:00 | Hrs | Reporting Date : 5-Apr-10 | |
| | | | | | | on 18-Sep-09 | |
| The Summary of Yesterday's (| | 4-Apr-10 | |) Generation & Demand | | Today's Actual Min Gen. & Probable Gen. & Demand | |
| Day Peak Generation : | 3783.0 | MW | Hour : | 9:00 | Min Gen. at | 8:00 | 3653 MW |
| Evening Peak Generation : | 3970.0 | MW | Hour : | 20:00 | Max Generation : | | 3815 MW |
| E.P. Demand (at gen end) : | 5400.0 | MW | Hour : | 20:00 | Max Demand : | | 5400 MW |
| Maximum Generation : | 4011.5 | MW | Hour : | 3:00 | Shortage : | | 1585 MW |
| Total Gen. (MKWH) : | 91.26 | | System L/ Factor : | 85.41% | Load Shed : | | 1294 MW |
| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR | | | | | | | |
| Export from East grid to West grid :- | | Maximum | | 740 | MW | at 7:00 | Energy 13771000 KWHR. |
| Import from West grid to East grid :- | | Maximum | | - | MW | at - | Energy - KWHR. |
| | | Water Level of Kaptai Lake at 6:00 A M of | | 5-Apr-10 | | | |
| Actual : | 78.77 | Ft.(MSL) , | | Rule curve : | 87.20 | Ft.(MSL) | |
| Gas Consumed : Total | | 797.71 | | MMCFt. | | Oil Consumed (PDB) : | |
| | | | | | | HSD : | 562672 Liter |
| | | | | | | FO : | 0 Liter |
| Cost of the Consumed Fuel (PDB) : Gas : | | Tk58,958,746 | | Oil : | | Tk22,506,884 Total : Tk81,465,630 | |

Load Shedding & Other Information

| Area | Yesterday | | Today | | | |
|-----------------|---------------------------|----------------------------------|---------------------------|-------------|------------------------------|---|
| | Actual Shedding (s/s end) | | Estimated Demand(s/s end) | | Estimated Shedding (s/s end) | Rates of Shedding (On Estimated Demand) |
| | MW | | from | to MW | | |
| Dhaka | 447 | (18:10- Till now, gen. shortage) | | 1854 | 505 | 27% |
| Chittagong Area | 155 | (18:10- Till now, gen. shortage) | | 510 | 169 | 33% |
| Khulna Area | 143 | (18:10- Till now, gen. shortage) | | 475 | 157 | 33% |
| Rajshahi Area | 130 | (18:10- Till now, gen. shortage) | | 435 | 144 | 33% |
| Comilla Area | 107 | (18:10- Till now, gen. shortage) | | 350 | 117 | 33% |
| Mymensing Area | 79 | (18:10- Till now, gen. shortage) | | 258 | 86 | 33% |
| Sylhet Area | - | 0 | | 176 | - | - |
| Barisal Area | 29 | (18:10- Till now, gen. shortage) | | 97 | 32 | 33% |
| Rangpur Area | 78 | (18:10- Till now, gen. shortage) | | 254 | 84 | 33% |
| Total | 1168 | 20:00 | | 4409 | 1294 | |

Information of the Generating machines under shut down.

| Planned Shut- Down | Forced Shut- Down |
|--------------------|--------------------------------|
| | 1) Kaptai- 3 (19/04/08) |
| | 2) Shajibazar- 2 (13/07/08) |
| | 3) Shajibazar-4 (18/10/08) |
| | 4) Khulna 110MW (31/03/09) |
| | 5) Haripur SBU GT-3 (18/06/09) |
| | 6) Shahjibazar 5 (05/08/09) |
| | 7) Shahjibazar -6 (11/10/09) |
| | 8) Ashuganj CCPP ST (05/12/09) |
| | 9) Kaptai -4 (17/01/10) |
| | 10) Khulna 60 MW (01/04/10) |
| | 11) Ghorasal-2 (29/03/10) |
| | 12) Meghnaghat GT-2 (30/03/10) |

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 1168 MW (20:00) of load shed was imposed over the whole area (except Sylhet & Mymensing) of the national grid . |
| b) Due to gas limitation, RPCL (175 MW), Raozan (360 MW), NEPC (110 MW), HPL (360 MW) and Siddhirganj GT-1 (120 MW) were limited to 87 MW, 180 MW, 68 MW, 354 MW and 101 MW respectively. | |
| c) Baghabari GT-2 (100 MW) tripped at 18:12 showing ' Fire alarm' and was synchronized at 19:40. | |
| d) After maintenance, Ashuganj CCPP GT-1 was synchronized at 19:25. | |
| e) Ghorasal - 4 was forced shut down at 21:18 due to boiler tube leakage. | |
| f) Tongi GT tripped at 03:25 (05/04/10) due to vibration high and was synchronized at 09:02 (05/04/10). | |
| g) Maniknagar - Haripur 132 KV line -1 was under shut down from 11:45 to 17:38 due to maintenance of disk insulator at Haripur end. | |
| h) Khulna Central 33 KV bus section - I was under shut down from 09:30 to 10:58 due to maintenance of breaker. | |
| i) Bhandaria - Barisal 132 KV line from Bhandaria end showing ' DIST Z3' , Madaripur - Barisal 132 KV line -1 & 2 from Madaripur end showing ' DIST Z2 & O/C ' tripped at 12:25 and were switched on at 12:32 and 12:34 and 12:35 respectively. | Power interruption occurred (35 MW) under Barisal and Patuakhali S/S areas from 12:25 to 12:32. Due to generation shortage, about 550 MW (09:00) of load shed has been running since morning (05/04/10) over the whole area (except Sylhet) of the national grid. |

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division

Deputy General Manager
Load Despatch Circle