

**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 | | | | 4200.5 | 21:00 | Hrs | on 24-Jul-09 | Reporting Date : | 26-Aug-09 |
| The Summary of Yesterday's (| | 25-Aug-09 |) Generation & Demand | | | Today's Actual Min Gen. & Probable Gen. & Demand | | | |
| Day Peak Generation : | 3770.0 | MW | Hour : | 11:00 | Min Gen. at | 8:00 | 3330 | MW | |
| Evening Peak Generation : | 3867.5 | MW | Hour : | 21:00 | Max Generation : | | 3950 | MW | |
| E.P. Demand (at gen end) : | 4750.0 | MW | Hour : | 21:00 | Max Demand : | | 4800 | MW | |
| Maximum Generation : | 4068.0 | MW | Hour : | 5:00 | Shortage : | | 850 | MW | |
| Total Gen. (MKWH) : | 87.94 | System L/ Factor : | | 92.35% | Load Shed : | | 717 | MW | |
| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR | | | | | | | | | |
| Export from East grid to West grid :- Maximum | | | | 560 | MW | at | 5:00 | Energy | 11067500 KWHR. |
| Import from West grid to East grid :- Maximum | | | | - | MW | at | - | Energy | - KWHR. |
| Water Level of Kaptai Lake at 6:00 A M of | | | | | | 26-Aug-09 | | | |
| Actual : | 98.57 | Ft.(MSL) , | | | Rule curve : | 97.02 Ft.(MSL) , | | | |
| Gas Consumed : Total | | 765.68 | MMCFt. | | Oil Consumed (PDB) : | | | | |
| | | | | | HSD : | | 410916 | Liter | |
| | | | | | FO : | | 0 | Liter | |
| Cost of the Consumed Fuel (PDB) : Gas : | | Tk56,591,409 | | | Oil : | Tk16,436,652 | Total : Tk73,028,061 | | |

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 | fro to | | | | |
| Dhaka | 202 | (19:00-04:52, gen. shortage) | 1767 | 200 | 11% | |
| Chittagong Area | 141 | (19:00-04:57, gen. shortage) | 522 | 118 | 23% | |
| Khulna Area | 104 | (19:00-04:57, gen. shortage) | 408 | 93 | 23% | |
| Rajshahi Area | 88 | (19:00-04:56, gen. shortage) | 347 | 79 | 23% | |
| Comilla Area | 83 | (19:00-04:55, gen. shortage) | 307 | 69 | 22% | |
| Mymensing Area | 59 | (19:00-04:55, gen. shortage) | 227 | 52 | 23% | |
| Sylhet Area | 8 | (19:00-02:00, gen. shortage) | 196 | 44 | 22% | |
| Barisal Area | 8 | (19:00-04:56, gen. shortage) | 87 | 19 | 22% | |
| Rangpur Area | 52 | (19:00-04:55, gen. shortage) | 191 | 43 | 23% | |
| Total | 745 | 21:00 | 4052 | 717 | | |

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) Shajibazar- 2 (13/07/08) 3) Shajibazar-4 (18/10/08) 4) Khulna 110 (31/03/09) 5) RPCL GT-4 (06/06/09) 6) NEPC 1 unit is under S/D 7) Baghabari GT-2(02/07/09) 8) Ghorasal-2 (13/08/09) |
| | 9) RPCL ST- 22/08/09 10) Ashuganj CCPP St (23/08/09) |

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 745 MW (21:00) of load shed was imposed over the whole area of the national grid . |
| b) Due to gas limitation, Raozan (360 MW), RPCL (105 MW) , Tongi (105 MW), HPL (360 MW), and MPL (450 MW) were limited to 200 MW ,58 MW, 35 MW, 271 and 418 MW respectively. | |
| c) Due to gas limitation, Shahjibazar - 4 & 5, Haripur SBU GT- 1, 2, 3 (96 MW) were under shut down. | |
| d) Haripur NEPC tripped at 12:58 due to gas pressure low and was synchronized at 02:08 (25/08/09) | |
| e) After maintenance, Ashuganj CCPP GT-1 was synchronized at 15:35. | |
| f) Tongi GT tripped at 14:01 due to gas pressure fluctuation and was synchronized at 20:42. | |
| g) After maintenance, Barapukuria unit -1 was synchronized at 01:57 (25/08/09). | |
| h) Kaptai unit -2 was forced shut down at 10:20 (26/08/09) due to thrust bearing temperature high. | |
| i) Hasnabad 132/33 KV T1 transformer was under shut down from 10:50 to 12:16 due to red-hot maintenance of 33 KV bus. After maintenance, T2 and T5 transformers were switched on at 12:23 and 12:32 respectively. Again T2 and T5 tripped at 01:30 (25/08/09) showing 'O/C A-phase' and 'No relay' due to 33 KV Y-phase CT burst. T5 was switched on at 02:25 (25/08/09). T2 and T6 is now under inspection and maintenance. | So about 70 MW of full power interruption occurred under Hasnabad S/S areas from 10:50 to 12:16 and 50 MW of partial power interruption occurred from 01:30 to 02:25 and 25 MW of partial power interruption is occurring since 02:25 (25/08/09). |
| j) Bagerhat 132/33 KV T1 and T2 transformers tripped at 13:40 showing ' Lockout and Differential E/F' and was switched on at 13:45. | Power interruption occurred (11 MW) under Bagerhat S/S areas for 5 minutes. |
| k) Dohazari (on DIST AC Z1) - Sikalbaha (on DIST -1 & 2) 132 KV line -2 tripped at 15:10 from both side and was switched on at 15:22. | |

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division

Deputy General Manager
Load Despatch Circle