POWER GRID COMPANY OF BANGLADESH LTD. NATIONAL LOAD DESPATCH CENTEF DAILY REPORT

| | | | Rep | orting Date : | 12-Apr-11 | |
|-----------------------|--|--|--|--|--|---|
| | 4698.5 MW at | 21:00 | Hrs on | 20-Aug-10 | | |
| 11-Apr-11 |) Generation & Demand | | Today's Actual | Min Gen. & P | robable Gen. | & Demand |
| 3845.0 | MW Hour : | 11:00 | Min Gen. at | 9:00 | 3942 | MW |
| 4262.5 | MW Hour : | 21:00 | Max Generatio | on : | 4424 | MW |
| 5150.0 | MW Hour : | 21:00 | Max Demand | : | 5250 | MW |
| 4282.0 | MW Hour : | 4:00 | Shortage | : | 826 | MW |
| 95.18 | System L/ Factor : | 85.41% | Load Shed | : | 746 | MW |
| EXPC | RT/IMPORT THROUGH EAST- | WEST INTERCONNECTOR | • | | | |
| um | 590 | MW at | 1:00 | Energy | 12312500 |) KWHR. |
| um | - | MW at | - | Energy | - | KWHR. |
| er Level of Kaptai La | ake at 6:00 A M of | 12-Apr-11 | | | | |
| MSL), | | Rule curve : 85.80 | Ft.(MSL) | | | |
| 728.22 | MMCFt. | Oil Consume | ed (PDB): | | | |
| | | | | HSD : | 1000398 | Liter |
| | | | | FO : | 192202 | Liter |
| | Tk53,822,740 | Oil : | Tk43,859,954 | Total : 1 | Fk97,682,694 | |
| | 3845.0 4262.5 5150.0 4282.0 95.18 EXPO um um ter Level of Kaptai La (MSL) , | 11-Apr-11) Generation & Demand 3845.0 MW Hour : 4262.5 MW Hour : 5150.0 MW Hour : 4282.0 MW Hour : 95.18 System L/ Factor : EXPORT / IMPORT THROUGH EAST- um 590 um - ter Level of Kaptai Lake at 6:00 A M of (MSL) , 728.22 MMCFt. | 11-Apr-11) Generation & Demand 3845.0 MW Hour : 11:00 4262.5 MW Hour : 21:00 5150.0 MW Hour : 21:00 4282.0 MW Hour : 4:00 95.18 System L/ Factor : 85.41% EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR um 590 MW at um - MW at ter Level of Kaptai Lake at 6:00 A M of 12-Apr-11 (MSL) , Rule curve : 85.80 728.22 MMCFt. Oil Consume | 4698.5 MW at 21:00 Hrs on 11-Apr-11) Generation & Demand Today's Actual 3845.0 MW Hour : 11:00 Min Gen. at 4262.5 MW Hour : 21:00 Max Generation 5150.0 MW Hour : 21:00 Max Demand 4282.0 MW Hour : 4:00 Shortage 95.18 System L/ Factor 85.41% Load Shed EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR um 590 MW at um 590 MW at ier Level of Kaptai Lake at 6:00 A M of 12-Apr-11 (MSL), Rule curve : 85.80 Ft. (MSL) 728.22 MMCFt. Oil Consumed (PDB) : | 4698.5 MW at 21:00 Hrs on 20-Aug-10 11-Apr-11) Generation & Demand Today's Actual Min Gen. & P. 3845.0 MW Hour: 11:00 Min Gen. at 9:00 4262.5 MW Hour: 21:00 Max Generation : 5150.0 MW Hour: 21:00 Max Demand : 4282.0 MW Hour: 4:00 Shortage : 95.18 System L/ Factor 85.41% Load Shed : LORDRT / IMPORT THROUGH EAST-WEST INTERCONNECTOR um 590 MW at - Energy ter Level of Kaptai Lake at 6:00 A M of 12-Apr-11 (MSL) - Energy 728.22 MMCFt. Oil Consumed (PDB) : FO : FO | 4698.5 MW at 21:00 Hrs on 20-Aug-10 11-Apr-11) Generation & Demand Today's Actual Min Gen. & Probable Gen. 3845.0 MW Hour: 11:00 Min Gen. at 9:00 3942 4262.5 MW Hour: 21:00 Max Generation : 4424 5150.0 MW Hour: 21:00 Max Demand : 5250 4282.0 MW Hour: 4:00 Shortage : 826 95.18 System L/ Factor : 85.41% Load Shed : 746 EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR um 590 MW at - Energy - um 590 MW at - Energy - iter Level of Kaptai Lake at 6:00 A M of 12-Apr-11 - Energy - ftl Rule curve : 85.80 Ft. (MSL) - HSD : 1000398 FO : 192202 |

Load Shedding & Other Information

| Area | Yesterday | | Today | | | |
|-----------------|-----------|-----------------------------|---------------------------|---------------------------|---|--|
| | | | Estimated Demand(s/s end) | Estimated Shedding (s/s e | Estimated Shedding (s/s e Rates of Shedding | |
| | MW | | from totAW | MW | (On Estimated Demand) | |
| Dhaka | 290 | (18:10-01:50, Gen.shortage) | 2045 | 282 | 14% | |
| Chittagong Area | 108 | (18:10-00:26, Gen.shortage) | 582 | 107 | 18% | |
| Khulna Area | 104 | (18:10-00:05, Gen.shortage) | 529 | 97 | 18% | |
| Rajshahi Area | 82 | (18:10-23:50, Gen.shortage) | 436 | 80 | 18% | |
| Comilla Area | 99 | (18:10-00:25, Gen.shortage) | 343 | 63 | 18% | |
| Mymensing Area | - | 0 | 228 | 42 | 18% | |
| Sylhet Area | 48 | (18:10-23:00, Gen.shortage) | 235 | 12 | 5% | |
| Barisal Area | 15 | (18:10-00:05, Gen.shortage) | 103 | 19 | 18% | |
| Rangpur Area | 56 | (18:10-23:50, Gen.shortage) | 242 | 44 | 18% | |
| Total | 802 | 21:00 | 4743 | 746 | | |

Information of the Generating machines under shut down.

| Planned Shut- Down | | Forced Shut-Down |
|--------------------------------|--------------------------|----------------------------|
| 1) Haripur SBU GT-3 (18/06/09) | 8) Bheramara GT1(1/3/11) | 1) Ghorasal 6(18/07/10) |
| 2) Ghorasal 2(26/04/10) | | 2) Ashuganj-1(09/11/10) |
| 3) Siddirganj GT-1 (18/06/10) | | 3) Raozan-2 (26/03/11) |
| 4) Ashuganj-4(12/09/10) | | 4) Khulna-110 MW(06/04/11) |
| 5) Raozan-1 (03/10/10) | | 5) Ashuganj-2(10/4/11) |
| 6) Kaptai #5 (02/11/10) | | 6) B.Pukuria #1(11/4/11) |
| 7) Kaptai #3 (1/12/10) | | |
| | | |

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 he | our vesterdav | So about 802 MW (21:00) of load shed was imposed over the |
| b) Due to low gas pressure RPCL(210 MW), HPL(360 M 107 MW, 301 MW & 40 MW respectively. | whole areas of the national grid. | |
| c) Baghabari WMPL #1 tripped at 09:26 due to high inlet synchronized at 12:49. | manifold vacuum problem and was | |
| d) Bogra-Polashbari 132kV ckt-2 was under shut down fr maintenance work. | rom 11:33 to 14:30 due to emergency | |
| e) Mymensing-Jamalpur 132kV line-1 & 2 tripped at 14:3 dist Z2 & OC A phase respectively and were switched | Power interruption occurred (about 40 MW) under Jamalpur S/S areas from 14:39 to 15:31. | |
| f) After maintenance Ghorasal #4 was synchronized at 1 | | |
| g) Savar 132/33 kV T2 transformer tripped at 18:55 oper | • | |
| h) Joydevpur 132/33 kV T2 & T4 transformer's 33kV brea 33 kV feeder and were switched on at 21:50. | Power interruption occurred (about 40 MW) under Joydevpur S/S areas from 21:05 to 21:50. | |
| | | |
| | | |
| | | |
| | | Due to generation shortage, about 380 MW (09:00) of load shed has been running since morning (12/04/11) over the whole area (except Sylhet) of the national grid. |
| Deputy / Asstt. Manager | Manager | Deputy General Manager |
| Network Operation Division | Network Operation Division | Load Despatch Circle |

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