

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 :- | | 4698.5 MW at | 21:00 | Hrs | Reporting Date : 15-Dec-10 |
| | | | | on 20-Aug-10 | |
| The Summary of Yesterday's (| | 14-Dec-10 | |) Generation & Demand | |
| Day Peak Generation : | 3142.0 | MW | Hour : | 9:00 | Min Gen. at 3:00 2274 MW |
| Evening Peak Generation : | 3570.7 | MW | Hour : | 19:30 | Max Generation : 3702 MW |
| E.P. Demand (at gen end) : | 4200.0 | MW | Hour : | 19:30 | Max Demand : 4200 MW |
| Maximum Generation : | 3570.7 | MW | Hour : | 19:30 | Shortage : 498 MW |
| Total Gen. (MKWH) : | 72.08 | System L/ Factor : | 85.41% | Load Shed | : 445 MW |
| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR | | | | | |
| Export from East grid to West grid :- Maximum | | 430 | MW | at 8:00 | Energy 7423000 KWHR. |
| Import from West grid to East grid :- Maximum | | - | MW | at - | Energy - KWHR. |
| Water Level of Kaptai Lake at 6:00 A M of | | | | 15-Dec-10 | |
| Actual : | 99.57 | Ft.(MSL) , | Rule curve : | 104.70 | Ft.(MSL) |
| | | | | | |
| Gas Consumed : | Total | 586.57 | MMCFt. | Oil Consumed (PDB) : | |
| | | | | HSD : | 1443739 Liter |
| | | | | FO : | 971447 Liter |
| | | | | | |
| Cost of the Consumed Fuel (PDB) : Gas : | | Tk43,353,389 | | Oil : | Tk77,178,486 |
| | | | | Total : | Tk120,531,875 |

Load Shedding & Other Information

| Area | Yesterday | | Today | | |
|-----------------|------------|-----------------------------|-----------------------------------------|------------------------------------|--------------------------------------------|
| | MW | | Estimated Demand(s/s end) from to MW | Estimated Shedding (s/s end) MW | Rates of Shedding (On Estimated Demand) |
| Dhaka | 248 | (16:45-21:50 gen. shortage) | 1630 | 165 | 10% |
| Chittagong Area | 71 | (16:45-21:58 gen. shortage) | 455 | 65 | 14% |
| Khulna Area | 64 | (16:45-21:50 gen. shortage) | 415 | 58 | 14% |
| Rajshahi Area | 53 | (16:45-21:55 gen. shortage) | 341 | 48 | 14% |
| Comilla Area | 39 | (16:45-21:55 gen. shortage) | 269 | 38 | 14% |
| Mymensing Area | 28 | (16:45-21:34 gen. shortage) | 174 | 24 | 14% |
| Sylhet Area | 16 | (16:45-21:30 gen. shortage) | 199 | 10 | 5% |
| Barisal Area | 14 | (16:45-21:50 gen. shortage) | 80 | 11 | 14% |
| Rangpur Area | 29 | (16:45-21:40 gen. shortage) | 190 | 26 | 14% |
| Total | 562 | 19:30 | 3753 | 445 | |

Information of the Generating machines under shut down.

| Planned Shut- Down | Forced Shut- Down |
|--------------------------------|-------------------------------|
| 1) Haripur SBU GT-3 (18/06/09) | 9) Kaptai #3 (1/12/10) |
| 2) Ghorasal 2(26/04/10) | 10) Barapukuria-1(09/11/10) |
| 3) Siddirganj GT-1 (18/06/10) | |
| 4) Ashuganj-4(12/09/10) | 1) Ghorasal 6(18/07/10) |
| 5) Raozan-1 (03/10/10) | 2) Ashuganj-1(09/11/10) |
| 6) Sikalbaha GT (24/10/10) | 3) Sikalbaha 60MW(19/11/10) |
| 7) Raozan-2 (21/10/10) | 4) Siddirganj-210MW(23/11/10) |
| 8) Kaptai #5 (02/11/10) | 5) Khulna 110MW (11/12/10) |

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 hour yesterday. | So about 562 MW (19:30) of load shed was imposed over the whole areas of the national grid . |
| b) Due to low gas pressure RPCL (210 MW) and Tongi (105 MW) were limited to 94 MW and 40 MW respectively. | |
| c) Kaptai #1 was shut down at 12:27 due to carbon brush clean and was synchronized at 14:12. | |
| d) Siddirganj peaking plant GT-2 was forced shut down at 19:49 due to compressor air filter damage. | |
| e) Ashuganj #5 tripped at 02:54(15/12/10) due to drum level high and was synchronized at 05:35(15/12/10). | |
| f) After maintenance Megnaghat GT-1 was synchronized at 00:48(15/12/10). | |
| g) After maintenance RPCL #3 was synchronized at 05:35(15/12/10). | |
| h) Ashuganj - Kishoreganj 132 KV line-2 from 08:27 to 15:55,Khulshi - Bakulia line-2 from 08:50 to 16:30,Comilla - Feni line-1 from 08:41 to 16:35,Rangpur - Barapukuria line-2 from 09:10 to 16:15, Tongi - Tongi new line from 09:58 17:24,Kabirpur - Tangail line-1 from 10:40 12:27 and Ishurdi - Baghabari 230 KV line-2 from 09:06 to 18:30,Rampura - Ghorasal line-1 were shut down due to annual maintenance. | |
| i) Tongi - Bashundhara 132 KV line-1 was shut down at 12:05 due to work of NLDC and was switched on at 15:26. | |
| j) Tangail 132/33 KV T2 transformer was shut down at 07:05(15/12/10) due to red hot maint. and was switched on at 10:52. | |
| k) Jamalpur - Mymensingh 132 KV line-2 was shut down at 07:42 due to annual maintenance. | |
| l) Mymensingh 132/33 KV T3 from 08:03 to 13:27 and Gopalganj T1 from 10:29 to 14:40 trans formers were shut down due to annual maintenance. | |

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle