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

Oil

: Tk64,181,000

Total : Tk114,069,511

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Reporting Date : 1-Nov-10 Till now the maximum generation is : -4698.5 MW at 21:00 Hrs on 20-Aug-10 The Summary of Yesterday's ( 31-Oct-10 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand Day Peak Generation 3543.5 MW 3360 MW Hour 12:00 Min Gen. at 7:00 Evening Peak Generation 3904.0 MW Hour : 19:00 Max Generation 3834 MW E.P. Demand (at gen end) : 5000.0 MW 5000 MW Hour : 19:00 Max Demand 3904.0 MW Maximum Generation Hour : 19:00 Shortage 1166 MW Total Gen. (MKWH) 85.41% 85.59 System L/ Factor Load Shed 1036 MW EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR Export from East grid to West grid :- Maximum 474 MW 5:00 Energy 10213000 KWHR. at Import from West grid to East grid :- Maximum MW Energy KWHR. at Water Level of Kaptai Lake at 6:00 A M of 1-Nov-10 106.56 109.00 Ft.( MSL ) Actual : Ft.(MSL) Rule curve : Gas Consumed : Total 674.99 MMCFt. Oil Consumed (PDB) : HSD : 1604525 Liter FO 0 Liter

Tk49,888,511

## Cost of the Consumed Fuel (PDB): Gas

## Load Shedding & Other Information

| Area "          | Yesterday |                             |                           | Today                     | Today                 |  |
|-----------------|-----------|-----------------------------|---------------------------|---------------------------|-----------------------|--|
|                 |           |                             | Estimated Demand(s/s end) | Estimated Shedding (s/s e | Rates of Shedding     |  |
|                 | MW        | fr                          | from to/W                 | MW                        | (On Estimated Demand) |  |
| Dhaka           | 429       | (17:05-00:55 gen. shortage) | 1920                      | 412                       | 21%                   |  |
| Chittagong Area | 139       | (17:05-00:30 gen. shortage) | 546                       | 143                       | 26%                   |  |
| Khulna Area     | 86        | (17:05-23:50 gen. shortage) | 500                       | 132                       | 26%                   |  |
| Rajshahi Area   | 104       | (17:05-23:50 gen. shortage) | 410                       | 108                       | 26%                   |  |
| Comilla Area    | 80        | (17:05-23:50 gen. shortage) | 323                       | 85                        | 26%                   |  |
| Mymensing Area  | 38        | (17:05-22:55 gen. shortage) | 210                       | 55                        | 26%                   |  |
| Sylhet Area     | 17        | (17:05-22:55 gen. shortage) | 210                       | 16                        | 8%                    |  |
| Barisal Area    | 22        | (17:05-23:50 gen. shortage) | 96                        | 25                        | 26%                   |  |
| Rangpur Area    | 59        | (17:05-23:50 gen. shortage) | 229                       | 60                        | 26%                   |  |
| Total           | 974       | 19:00                       | 4444                      | 1036                      |                       |  |

Information of the Generating machines under shut down.

| Planned Shut- Down             | Forced Shut-Down               |  |
|--------------------------------|--------------------------------|--|
| 1) Khulna 110MW (31/03/09)     | 9 ) Ghorasal 6(18/07/10)       |  |
| 2) Haripur SBU GT-3 (18/06/09) | 10) Shahjibazar GT-9(13/10/10) |  |
| 3) Ghorasal 2(26/04/10)        | 11) Khulna 60 MW (27/10/10)    |  |
| 4) Siddirganj GT-1 (18/06/10)  | 12) Ghorasal-4(31/10/10)       |  |
| 5) Ashuganj-4(12/09/10)        |                                |  |
| 6) Raozan-1 (03/10/10)         |                                |  |
| 7) Sikalbaha GT (24/10/10)     |                                |  |
| 8) Raozan-2 (21/10/10)         |                                |  |

## 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 974 MW (19:00) of load shed was imposed over the  |
| b) Due to low gas pressure Baghabari 100 MW ,RPCL (210 MW) and Tongi GT were<br>limited to 60 MW,89 MW and 40 MW respectively.   | whole areas of the national grid .   |
| :) Ashuganj CCPP GT-1 & ST was forced shut down at 00:20 (1/11/10) & 00:42 (1/11/10) due to turbine air cooler motor trip.   |  |
| d) Baghabari 71 MW was shut down at 06:30(1/11/10) due to filter change and was synchronized at 08:21(1/11/10).  |  |
| e) Ghorasal - Joydevpur 132 KV line-2 tripped at 11:08 showing remote protection relay from<br>Ghorasal end and was switched on at 11:14.                                  |  |
| ) Kabirpur - Tangail 132 KV line-1 tripped at 11:05 showing main protection ,MVGL E/f relays from<br>and was switched on at 11:30.   | n  |
| j) Dohazari - Sikalbaha 132 KV line-1 was under shut down from 08:35 to 15:50 due to dead<br>line checking.  |  |
| n) Hathazari - Raozan 230 KV line-1 was under shut down from 09:43 to 10:58 due to breaker mai<br>) Barisal 132/33 KV T1 X-former is under shut down since 07:06(1/11/10). | int.   |
|  |  |
|  |  |
|  |  |
|  | Due to generation shortage, about 80 MW (09:00) of load she<br>has been running since morning (1/11/10) over the whole area<br>(except Sylhet) of the national grid. |