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

: Tk73,400,144

Total : Tk134,199,249

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Reporting Date : 31-Aug-10 Till now the maximum generation is:-4698.5 MW at on 20-Aug-10 The Summary of Yesterday's ( 30-Aug-10 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand Day Peak Generation MW 4178 4026.0 Hour 10:00 Min Gen. at Evening Peak Generation 4432.0 MW 21:00 Max Generation 4547 MWHour : E.P. Demand (at gen end) : 5500.0 MW 5500 MW Hour : 21:00 Max Demand 4538.0 MW MW Maximum Generation Hour : 4:00 Shortage 953 Total Gen. (MKWH) 99.56 System L/ Factor 85.41% Load Shed 830 MW EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR Export from East grid to West grid :- Maximum  $\mathsf{MW}$ Energy 12334000 KWHR. at Import from West grid to East grid :- Maximum MW KWHR. Energy at Water Level of Kaptai Lake at 6:00 A M of 31-Aug-10 105.89 Ft.( MSL ) Actual: Ft.(MSL) Rule curve : 98.67 Gas Consumed : MMCFt. Oil Consumed (PDB): HSD : 1835004 Liter FO 0 Liter

Tk60,799,105

## **Load Shedding & Other Information**

Cost of the Consumed Fuel (PDB): Gas

| Area            | Yesterday |                             |                           | Today                     |                       |
|-----------------|-----------|-----------------------------|---------------------------|---------------------------|-----------------------|
|                 |           |                             | Estimated Demand(s/s end) | Estimated Shedding (s/s e | Rates of Shedding     |
|                 | MW        |                             | from toMW                 | MW                        | (On Estimated Demand) |
| Dhaka           | 407       | (18:15-05:25 gen. shortage) | 2064                      | 315                       | 15%                   |
| Chittagong Area | 172       | (18:15-05:30 gen. shortage) | 592                       | 121                       | 20%                   |
| Khulna Area     | 90        | (18:15-04:55 gen. shortage) | 532                       | 104                       | 20%                   |
| Rajshahi Area   | 83        | (18:15-05:15 gen. shortage) | 442                       | 89                        | 20%                   |
| Comilla Area    | 42        | (18:15-04:55 gen. shortage) | 345                       | 68                        | 20%                   |
| Mymensing Area  | 43        | (18:15-04:50 gen. shortage) | 227                       | 43                        | 19%                   |
| Sylhet Area     | 25        | (18:15-05:00 gen. shortage) | 240                       | 19                        | 8%                    |
| Barisal Area    | 15        | (18:15-04:55 gen. shortage) | 105                       | 22                        | 21%                   |
| Rangpur Area    | 53        | (18:15-05:15 gen. shortage) | 245                       | 49                        | 20%                   |
| Total           | 930       | 21:00                       | 4792                      | 830                       |                       |

Information of the Generating machines under shut down.

| Planned Shut- Down | Forced Shut- Down              |
|--------------------|--------------------------------|
|                    | 1) Kaptai- 3 (19/04/08)        |
|                    | 2) Khulna 110MW (31/03/09)     |
|                    | 3) Haripur SBU GT-3 (18/06/09) |
|                    | 4) Ghorasal 2(26/04/10)        |
|                    | 5) Siddirganj GT-1 (18/06/10)  |
|                    | 6 ) Ghorasal 6(18/07/10)       |
|                    |                                |

## 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 930 MW (21:00) of load shed was imposed over the   |
| b) Due to gas limitation RPCL (210 MW),Tongi (105 MW) and HPL (360 MW) were limited to 105 MW , 50 MW and 355 MW respectively .  | whole areas of the national grid .  |
| c) After maintenance Ashuganj CCPP GT-1 was synchronized at 16:51. d) After maintenance Ashuganj CCPP St was synchronized at 21:25. e) After maintenance Barapukuria #2 was synchronized at 00:09(31/8/10). f) Hathazari - Comilla(N) 230 KV line 1 tripped at 09:19 from both side showing E/F,TE.DH, General Trip relays at Hathazari end and dist , Z1 relays at Comilla(N) end and was switched on at 09:48. g) Natore - Bogra line-2 is under shut down at 17:54 due to CVT problem. h) Mymensingh - Jamalpur 132 KV line was shut down at 05:57(31/8/10) due to Ckt breaker and was switched on at 12:20(31/8/2010). |   |
|  | Due to generation shortage, about 130 MW (09:00) of load shed has been running since morning (31/08/10) over the whole area |

Deputy / Asstt. Manager Network Operation Division Manager Network Operation Division Deputy General Manager Load Despatch Circle