## POWER GRID COMPANY OF BANGLADESH LTD. CENTRAL LOAD DESPATCH CENTER, LDC.DHAKA. DAILY REPORT

510 MW

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Reporting Date : Till now the maximum generation is: - MW at 4296 N 20:00 Hrs The Summary of Yesterday's ( 30-Sep-09 ) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand Day Peak Generation Hour Min Gen. at **Evening Peak Generation** 3037 5 1/1/1/ Hour 20:00 Max Generation 4000 MW 4900 MW E.P. Demand (at gen end) : 4900.0 MW Hour 20:00 Max Demand Maximum Generation 3978.0 MW Shortage 900 MW Hour 1:00 Total Gen. (MKWH) System L/ Factor 92.35% Load Shed 743 MW 88.15 EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Import from West grid to East grid :- Maximum MW Water Level of Kaptai Lake at 6:00 A M of

MMCFt

1-Oct-09 101.55 Ft.(MSL) 106.00 Ft.( MSL ) Actual : Rule curve

2:00

Oil Consumed (PDB):

400296 Liter 0 Liter

10515000 KWHR.

KWHR.

Energy

Energy

HSD

FO

Cost of the Consumed Fuel (PDB): Gas Tk54.870.784 : Tk16.011.840 Total: Tk70.882.624

## **Load Shedding & Other Information**

742 40

Export from East grid to West grid :- Maximum

Gas Consumed: Total

| Area            | Yesterday                 |                        | Today                     |                             |                       |
|-----------------|---------------------------|------------------------|---------------------------|-----------------------------|-----------------------|
|                 | Actual Shedding (s/s end) |                        | Estimated Demand(s/s end) | Estimated Shedding (s/s end | Rates of Shedding     |
|                 | MW fro                    | to                     | MW                        | MW                          | (On Estimated Demand) |
| Dhaka           | 246 (18:45                | -07:00, gen. shortage) | 1817                      | 323                         | 18%                   |
| Chittagong Area | 104 (18:45                | -06:55, gen. shortage) | 474                       | 90                          | 19%                   |
| Khulna Area     | 112 (18:45                | -06:55, gen. shortage) | 406                       | 77                          | 19%                   |
| Rajshahi Area   | 101 (18:45                | -06:55, gen. shortage) | 318                       | 60                          | 19%                   |
| Comilla Area    | 107 (18:45                | -06:50, gen. shortage) | 337                       | 63                          | 19%                   |
| Mymensing Area  | 70 (18:45                 | -06:50, gen. shortage) | 228                       | 43                          | 19%                   |
| Sylhet Area     | -                         | 0                      | 208                       | 38                          | 18%                   |
| Barisal Area    | 17 (18:45                 | -06:55, gen. shortage) | 83                        | 15                          | 18%                   |
| Rangpur Area    | 38 (18:45                 | -06:55, gen. shortage) | 178                       | 34                          | 19%                   |
|                 | •                         | 0 0.                   |                           |                             |                       |
| Total           | 795                       | 20:00                  | 4049                      | 743                         | İ                     |

## Information of the Generating machines under maintenance

| Planned Shut- Dowr         |                              | Forced Shut- Down              |  |
|----------------------------|------------------------------|--------------------------------|--|
| 1) Khulna 60 MW (05/07/06) | 1) Kaptai- 3 (19/04/08)      | 8) Ashuganj CCPP ST (04/09/09) |  |
|                            | 2) Shajibazar- 2 (13/07/08)  | 9) Ashuganj - 5 (27/09/09)     |  |
|                            | 3) Shajibazar-4 (18/10/08)   | 10) WMPL -2 (05/09/09)         |  |
|                            | 4) Khulna 110 (31/03/09)     | 11) Ghorasal -3 (25/09/09).    |  |
|                            | 5) RPCL GT-4 (06/06/09)      |                                |  |
|                            | 6) RPCL GT-2 (30/08/10)      |                                |  |
|                            | 7) Baghabari GT-2 (02/07/09) |                                |  |
|                            |                              |                                |  |

## Additional Information of Machines, lines, Interruption / Forced Load shed etc.

| Description  | Forced load shaded / Interrupted Areas                          |
|--|---|
| 2, 22 20 30 20 20 20 20 20 20 20 20 20 20 20 20 20 | So about 795 MW (20:00) of load shed was imposed over the whole |

- b) Due to gas limitation, Raozan (360 MW), Haripur NEPC (95 MW) and HPL (360 MW) were
- limited to 250 MW 70 MW and 351 MW respectively. c) Due to gas limitation, Shahjibazar - 4 & 5, Haripur SBU GT-1,2 & 3 (96 MW) were under shut down.
- d) After maintenance, Shahiibazar GT-8 was synchronized at 17:30. Again it was forced shut down at 01:03 (01/10/09) due to cooling system problem. It may be synchronized before evening peak hour today.
- e) Kaptai unit-1 & 2 tripped at 12:17 & 12:18 showing "E/F" and were synchronized at 12:48 & 12:53 respectively. Again unit-1 tripped at 00:50 (01/10/09) due to auxiliary failure and was synchronized at 01:07 (01/10/09).
- f) Uttara 132/33 KV T2 transformer & Sikalbaha 132/33 KV T2 transformer were under NLDC project work from 08:53 to 17:06 & 09:12 to 14:25 respectively.
- g) Kulshi Madanhat 132 KV line-1 was under shut down from 07:24 (01/10/09) to 09:05 (01/10/09) due to changing of bus isolator at Madanhat end

Due to generation shortage, about 100 MW of load shed has been running since morning (01/10/09) over the whole areas (except Sylhel of the national grid.

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