

**Power Grid Company of Bangladesh Ltd.**  
**Summary of Monthly Management Information System Report**  
**February' 2014**

In the current month total energy import of PGCB is **2,588.10** Mkwahr, total energy wheeled by PGCB is **2,509.552** Mkwahr, Transmission loss is **3.04%** and Cumulative loss is **2.80%**.

A brief overview on system Generation, Demand, Load shedding and Key Performance Indicators of PGCB is given below;

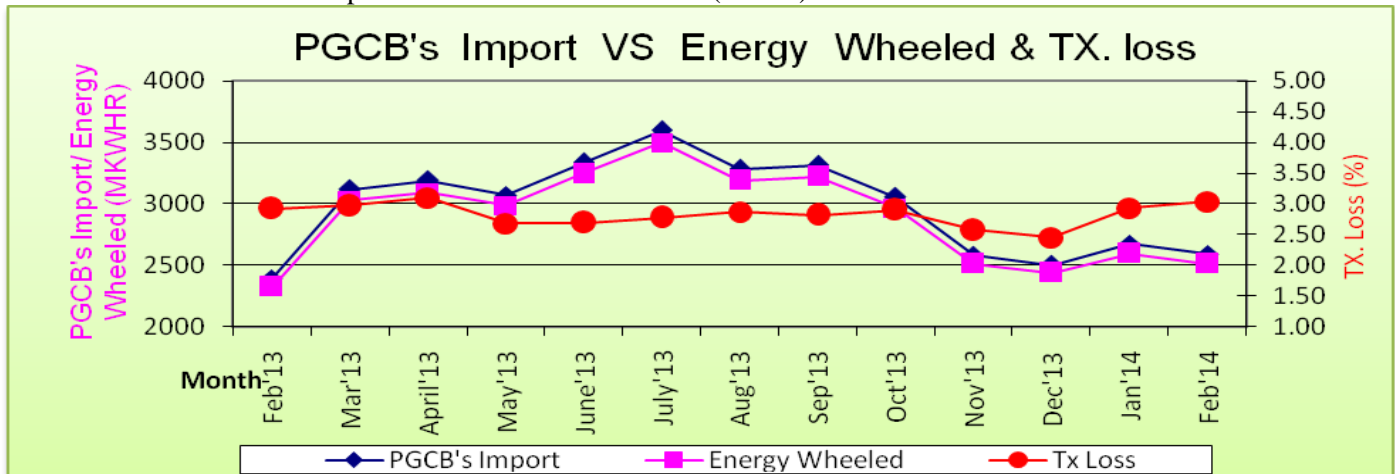
A) Generation, Demand and Load shedding

1) Generation:

The Total import of PGCB (Including IPP, RPP, Imported from India but excluding non Grid Generation) during **February'14 and January'14** were **2,588.10** Mkwahr and **2,673.616** Mkwahr respectively. Gross generation, Net Generation and station use of BPDB's generating units as well as energy purchased from IPP & RPP (Including non grid generation) by BPDB and total non grid generation are tabulated below;

| Month/FY                | BPDB                |                      |                   | Net Generation. (Mkwahr) |          |                     | Total Net Gen. (BPDB, IPP,RPP & Imported) (Mkwahr) | Total net Non Grid Generation (Mkwahr) | Total Input/ Import of PGCB (Mkwahr) |
|-------------------------|---------------------|----------------------|-------------------|--------------------------|----------|---------------------|--|--|--------------------------------------|
|                         | Gross Gen. (Mkwahr) | Station use (Mkwahr) | Net Gen. (Mkwahr) | IPP                      | RPP      | Imported from India |  |  |                                      |
|                         | 1                   | 2                    | 3=1-2             | 4                        | 5        | 6                   |  |  |                                      |
| FY 12-13                | 18909.96            | 1013.29              | 17896.67          | 8341.35                  | 10244.14 |                     | 36,482.16  | 1923.391                               | 34,558.77                            |
| FY 13-14 (Up to Feb'14) | 12627.82            | 651.812              | 11976.00          | 5379.779                 | 6492.54  | 1110.245            | 24,958.57  | 1396.4136                              | 23,562.16                            |
| February'2014*          | 1235.94             | 64.82                | 1171.12           | 618.96                   | 576.43   | 311.41              | 2,677.92   | 117.24                                 | 2,560.68                             |
| February'2013           | 1540.33             | 79.88                | 1460.45           | 312.4                    | 742.38   |                     | 2,515.23   | 125.784                                | 2,389.45                             |
| January'2014            | 1350.881            | 73.355               | 1277.526          | 641.787                  | 563.902  | 321.135             | 2,804.35   | 130.734                                | 2,673.62                             |

\*The Net Generation of BPDB (2677.92 Mkwahr) is Considered .But as per PGCB Net Generation is 2705.345 Mkwahr. This mismatch is due to Horipur 412 MW Generation Plant (EGCB)



**2) Maximum Generation, Demand and Load shedding;**

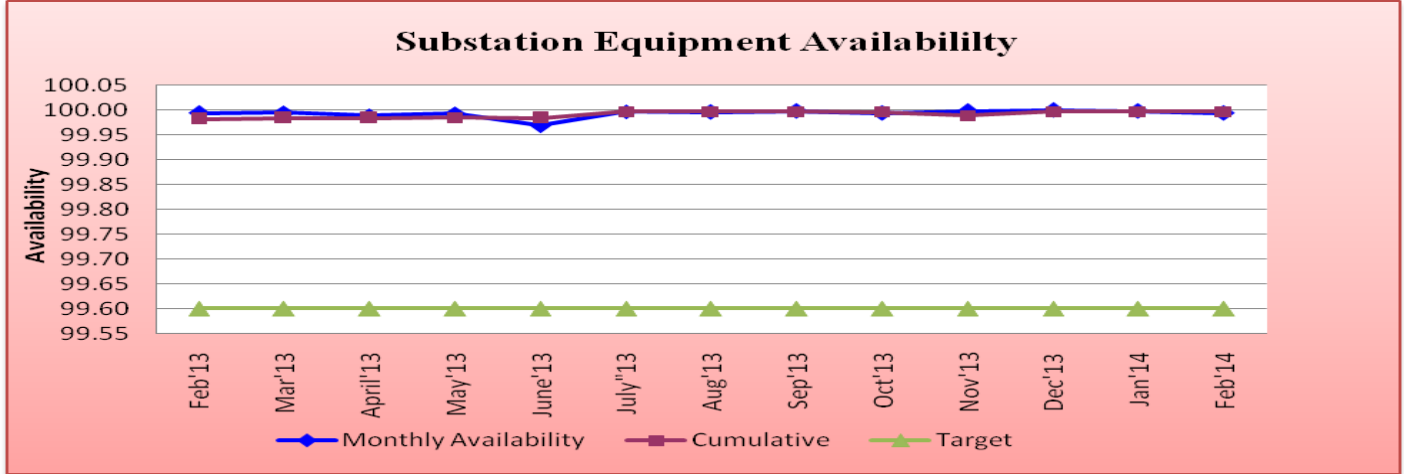
Maximum Generation, maximum Demand and maximum Load shed for the Current Month, Previous Month and Current FY are shown below:

| Description        | January'14 |          | February'14 |          | FY 13-14 (Up to February'14) |          |
|--------------------|------------|----------|-------------|----------|------------------------------|----------|
|                    | MW         | Date     | MW          | Date     | MW                           | Date     |
| Maximum Generation | 5934       | 29.01.14 | 6294        | 26.02.14 | 6675                         | 12.07.13 |
| Maximum demand     | 5934       | 29.01.14 | 6294        | 26.02.14 | 6900                         | 24.07.13 |
| Maximum load shed. | -          | -        | -           | -        | 932                          | 23.10.13 |

## B) Key Performance Indicators of PGCB

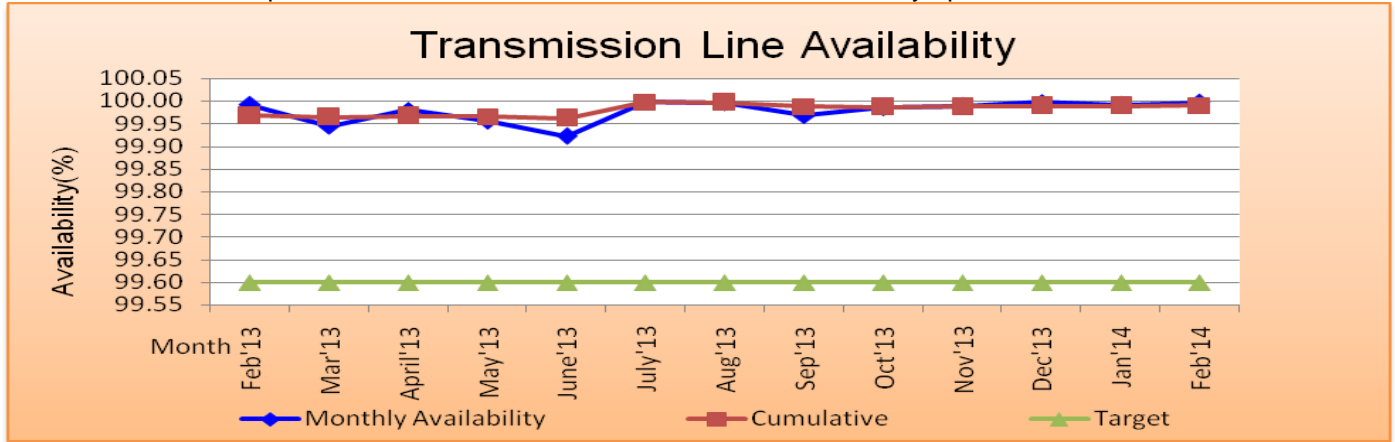
### 1) Substation Equipment Availability:

In the current month, Substation equipment availability is slightly decreased from the previous month. In the Current month it is 99.9938% and in the previous month it was 99.9980%. Cumulative availability up to the current month is 99.9966%.



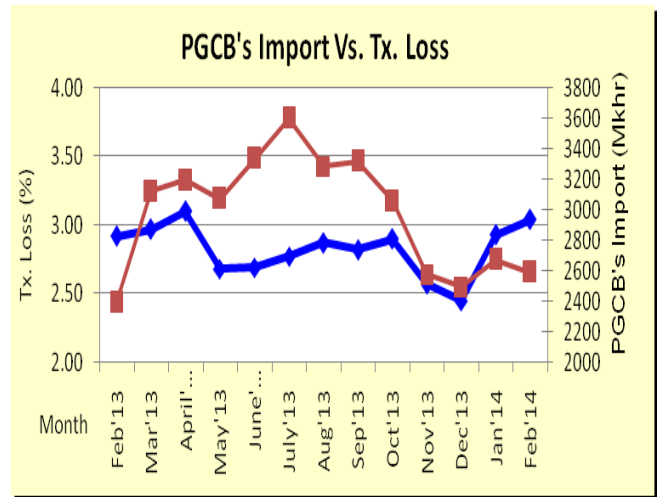
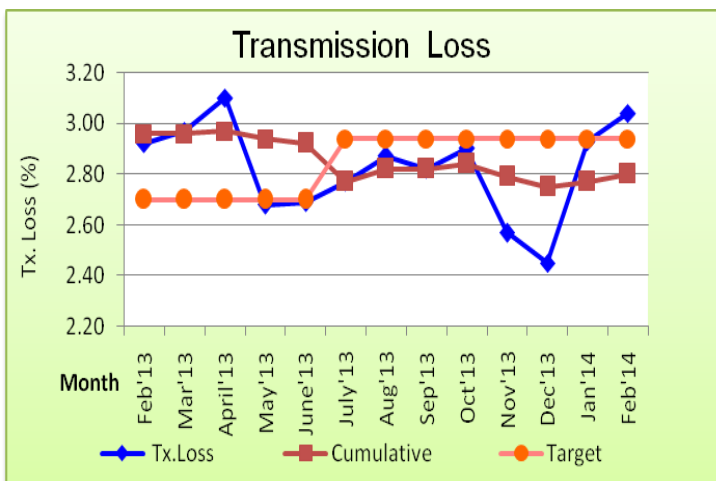
### 2) Transmission line Availability:

Transmission line availability in the current month is slightly increased from the previous month. In the Current month it is 99.9959% and in the previous month it was 99.9912%. Cumulative availability up to the Current month is 99.9902%.

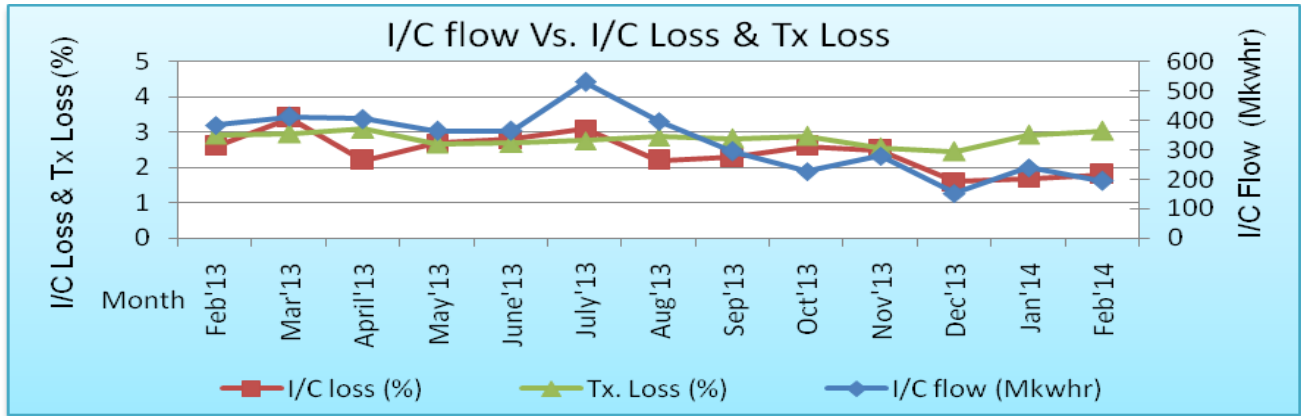


### 3) Transmission loss:

Transmission loss in the current month is increased from the previous month. In the current month it is 3.04% and in The Previous month it was 2.93%. Cumulative loss is 2.80%. Graphical presentation of Month wise & Cumulative Transmission loss, PGCB's Import Vs. Tx. loss, I/C flow Vs. I/C loss and Tx. Loss are shown below;

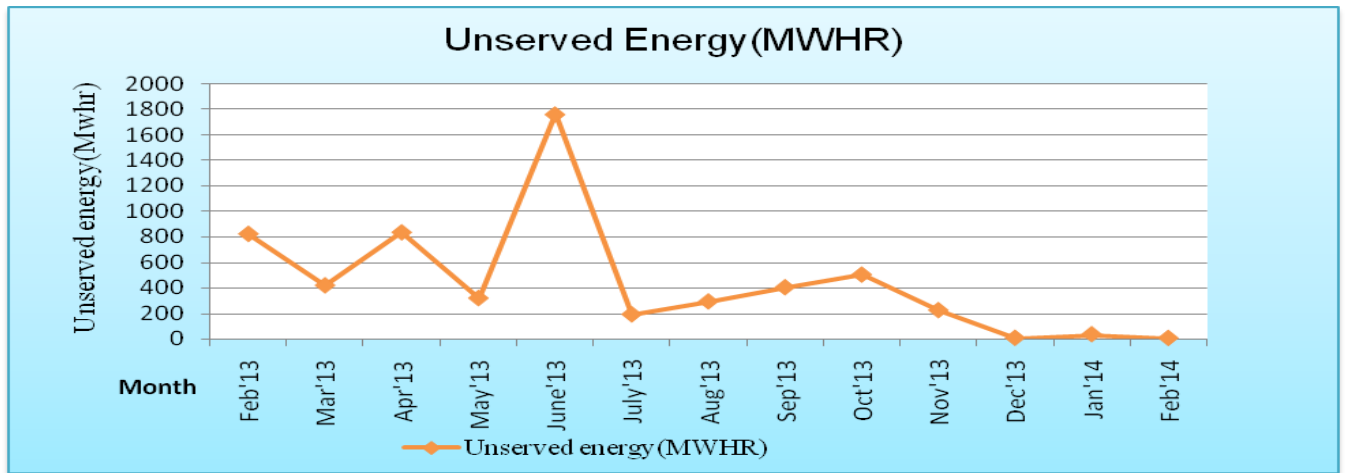


PGCB Net Gen. is Considered for Tr.Loss Calculation.



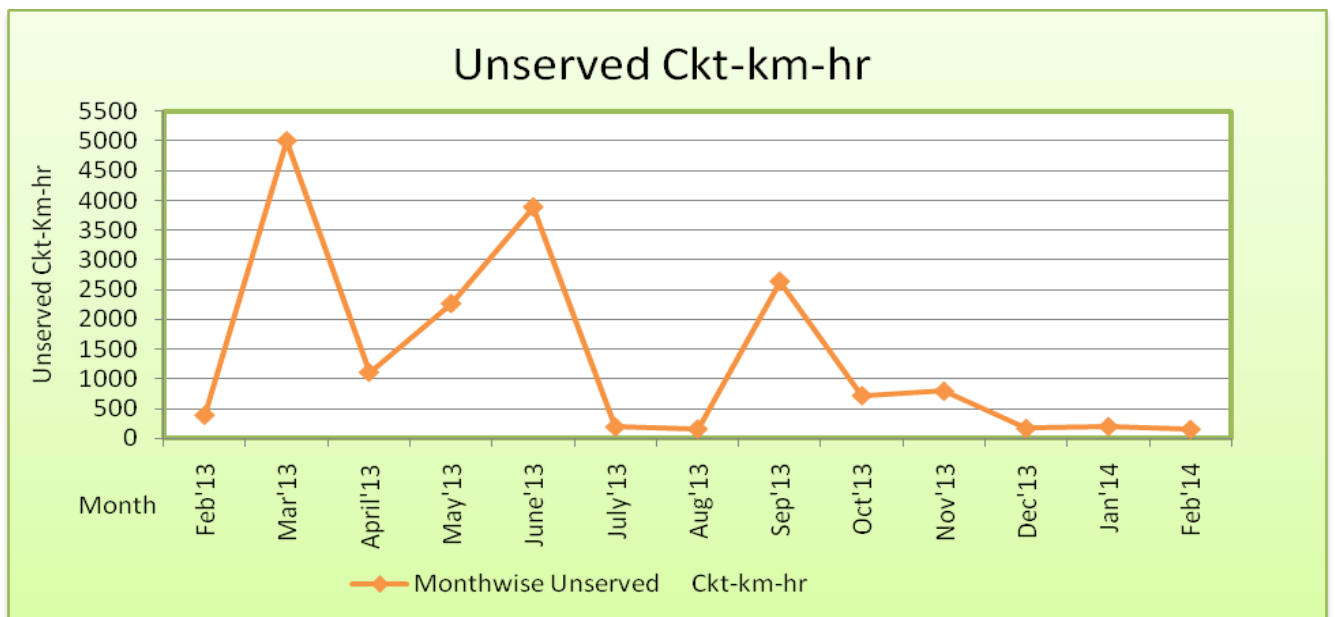
**4) Unserved energy:**

The amount of Unserved energy in the current month is decreased from the previous month. In the current month it is 3.96 Mwhr and in the previous month it was 33.52 Mwhr.



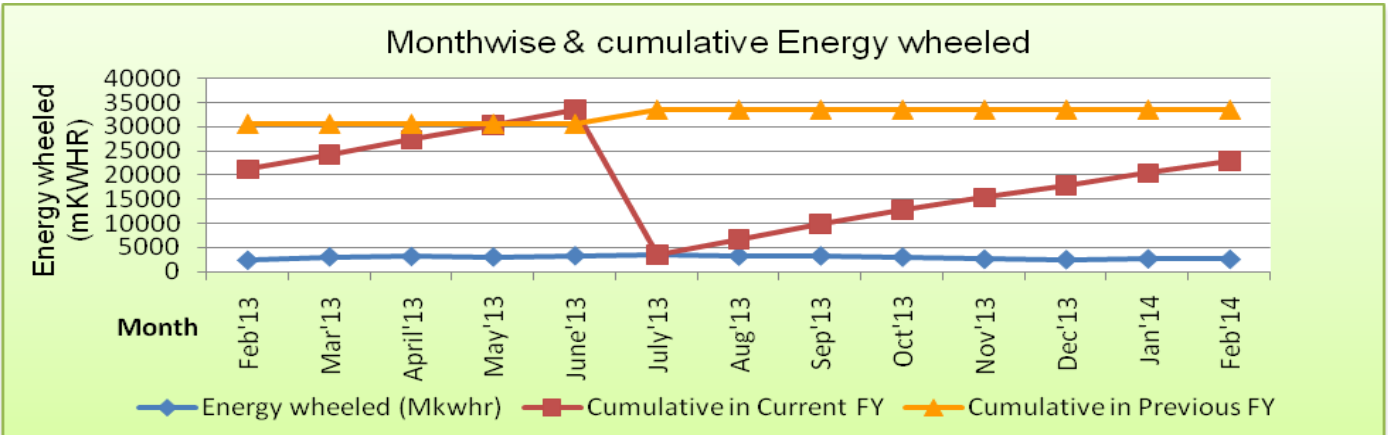
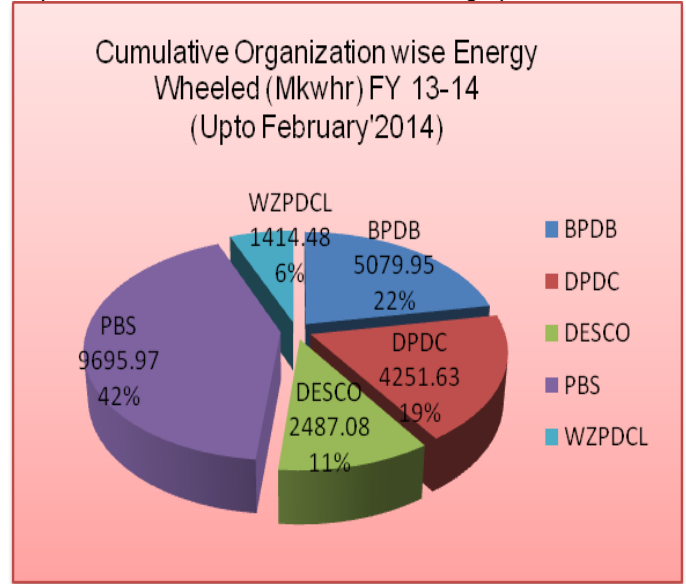
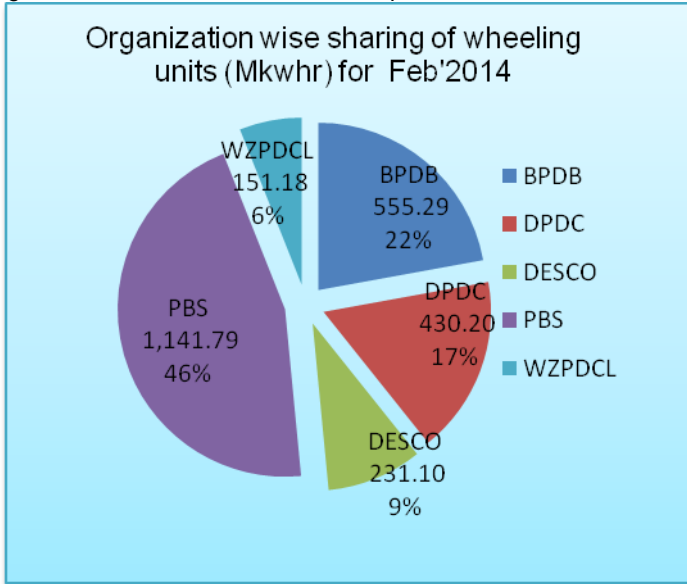
**5) Unserved Ckt-Km-hr:**

The amount of unserved Ckt-Km-hr in the current month is decreased from the previous month. In the current month it is 146.85 Ckt-Km-hr and in the previous month it was 195.00 Ckt-Km-hr.

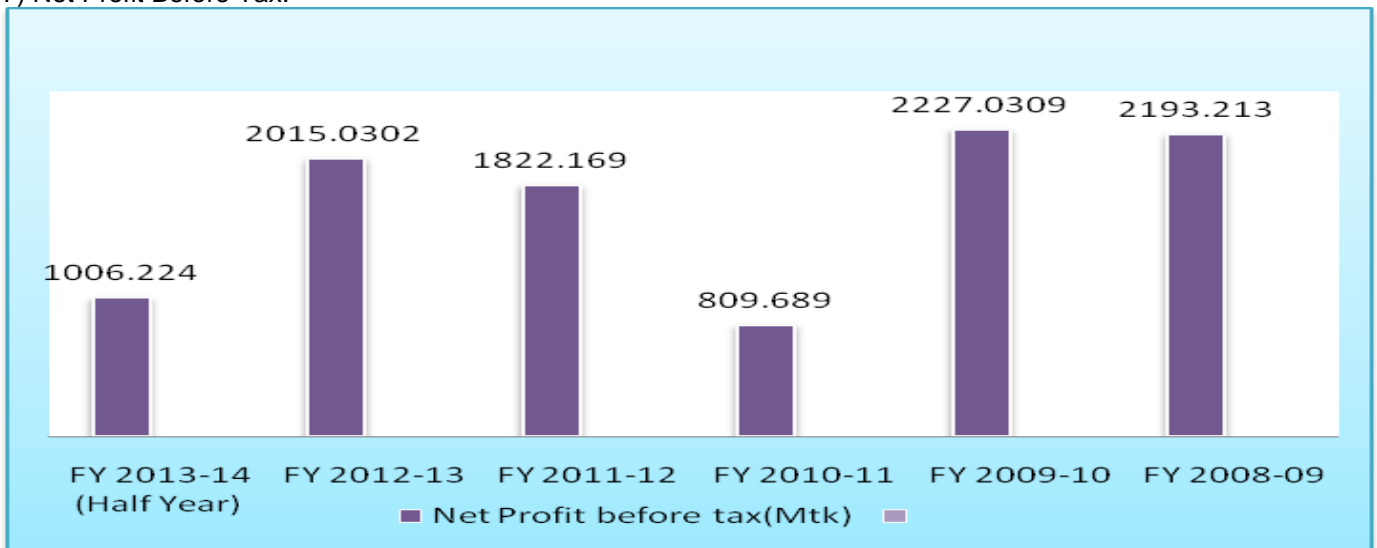


6) Organization wise Energy wheeled:

In the current month, total amount of energy wheeled to different distribution agencies has decreased from the previous month. In the current month it is **2,509.550** Mkwahr. and in the previous month it was **2,595.306** Mkwahr. Energy wheeled to different Distribution agencies in the current month, In the previous month and cumulative up to the current month are shown in the graph below ;

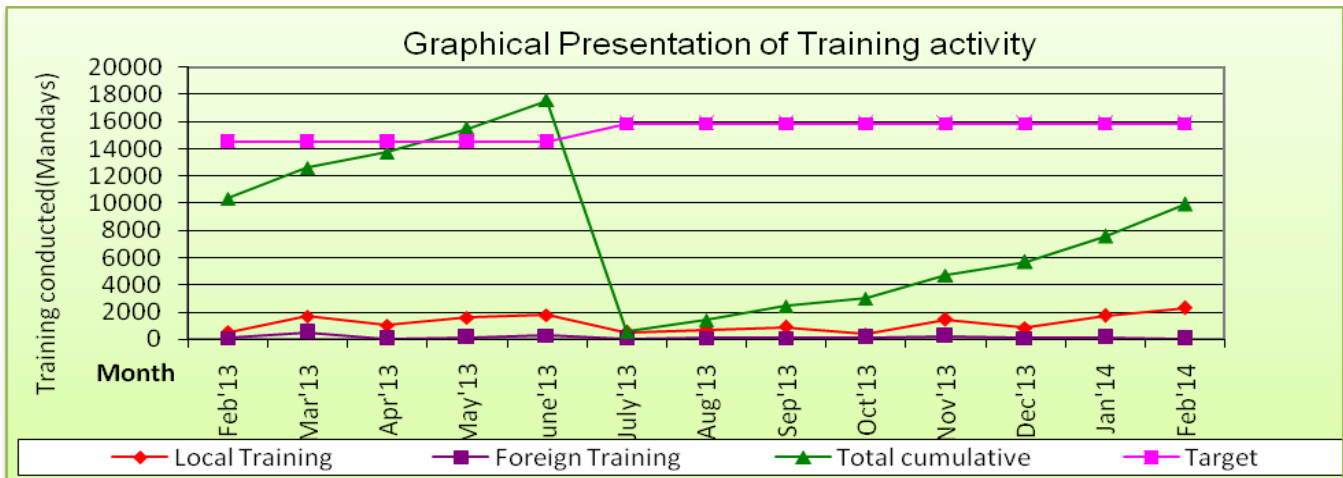


7) Net Profit Before Tax:



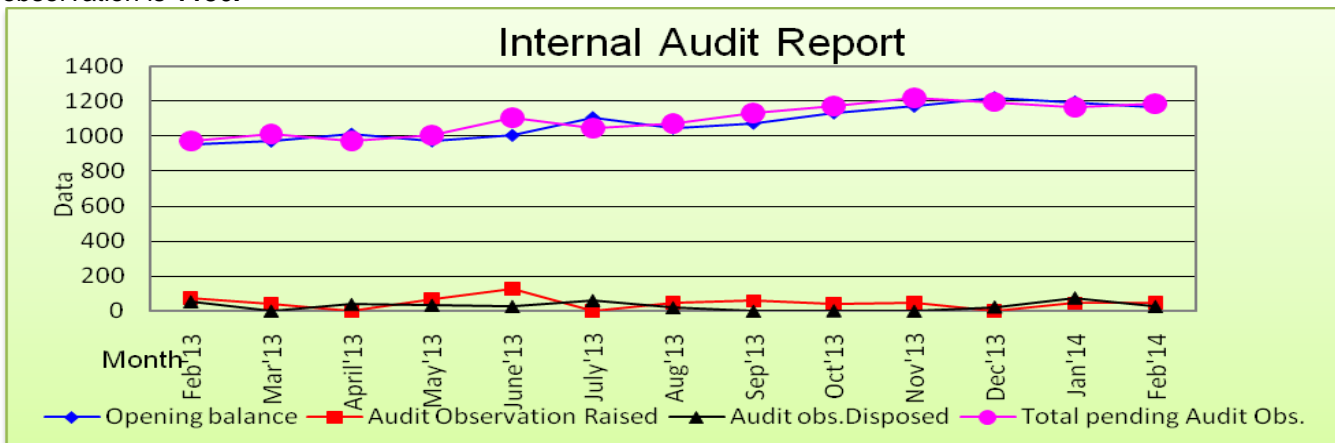
### 8) Training:

2313 Mandays Local training and 36 Mandays foreign trainings are conducted in the current month. So, up to **Current month** total cumulative is 9932 Mandays and target 15847.50 Mandays.



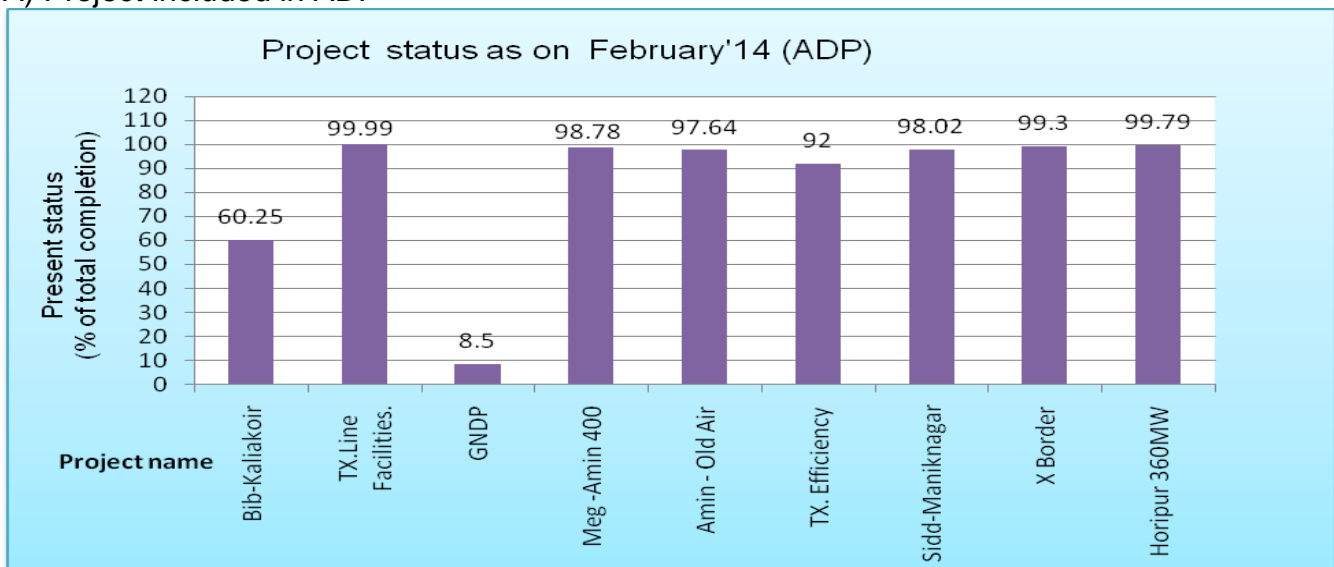
### 9) Internal Audit:

In the current month opening balance of Internal audit observation is 1164, number of new audit observation raised is 49, number of audit observation disposed is 27. Hence, up to reporting month, total number of pending audit observation is **1186**.

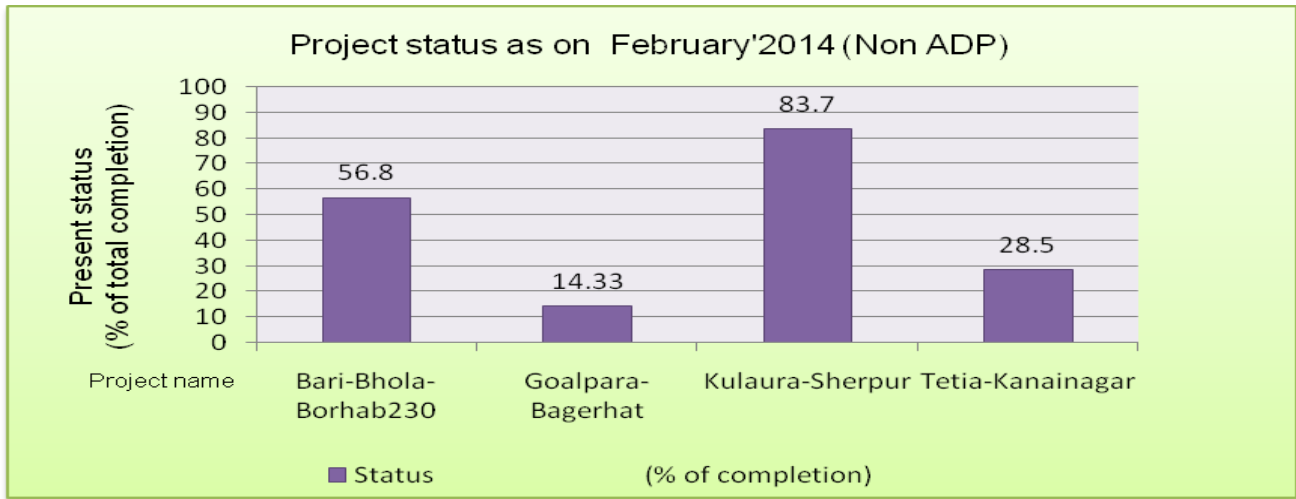


### 10) Project Status

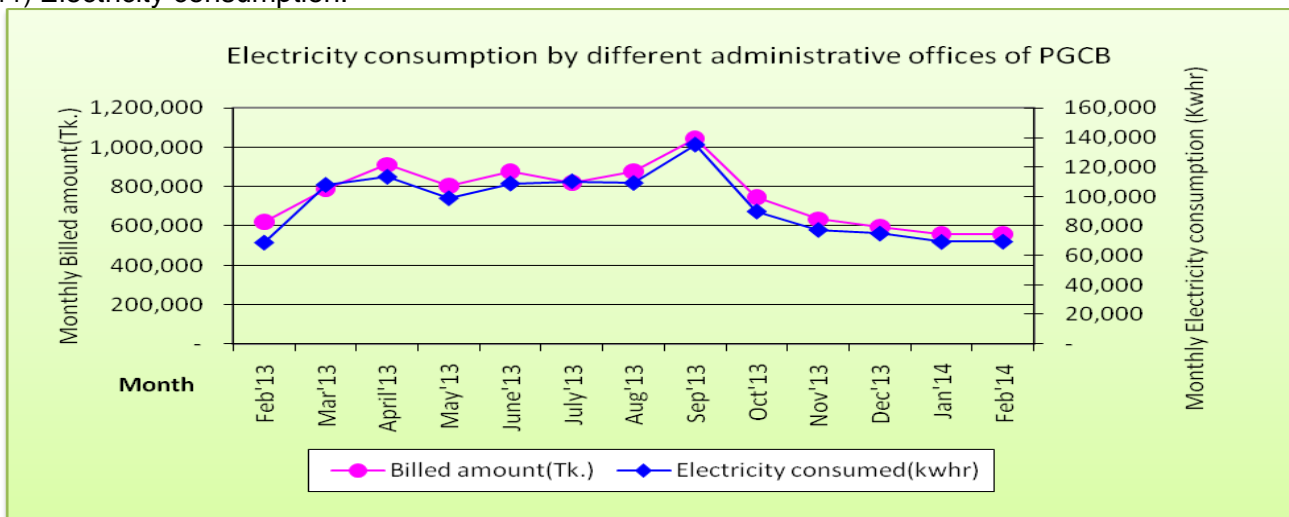
#### A) Project included in ADP



B) Non ADP Project

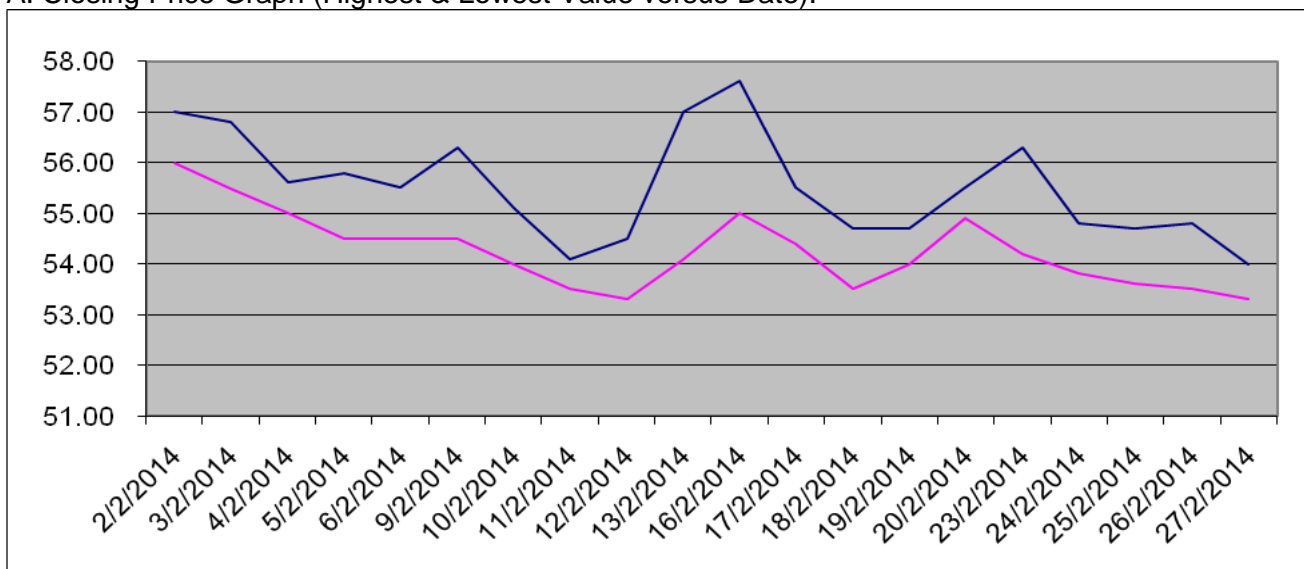


11) Electricity consumption:

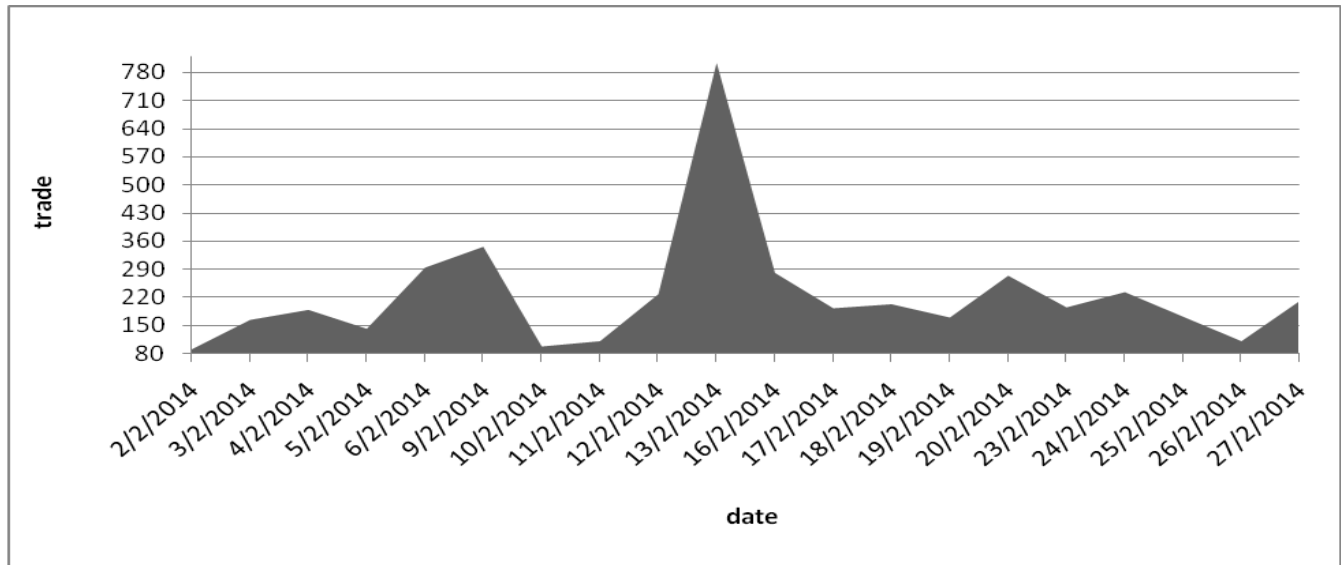


12) SHARE TRADINGS AT DSE:

A. Closing Price Graph (Highest & Lowest Value versus Date):



B.Total Trades Graph (Trade versus Date):



(Abdur Rashid Khan )  
Superintending Engineer

Memo no: PGCB/M.I.S/2014/3042

Date: 25.05.2014

Copy for information:

- 1) Managing Director, PGCB, Dhaka.
- 2) Director, O&M/P&D/Finance PGCB, Dhaka.
- 3) G.M, Tranmission-1 & 2/Project/P&D/System Operation/P&A/Finance PGCB, Dhaka.
- 4) Company Secretary, PGCB, Dhaka.
- 5) Deputy General Manager, Planning / Design, PGCB, Dhaka.
- 6) Office Copy.