

**Power Grid Company of Bangladesh Ltd.**  
**Summary of Monthly Management Information System Report**  
**May' 2013**

In the current month total energy import of PGCB is **3060.31** Mkwahr, total energy wheeled by PGCB is **2986.99** Mkwahr, Transmission loss is 2.40% and Cumulative loss is 2.71%.

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

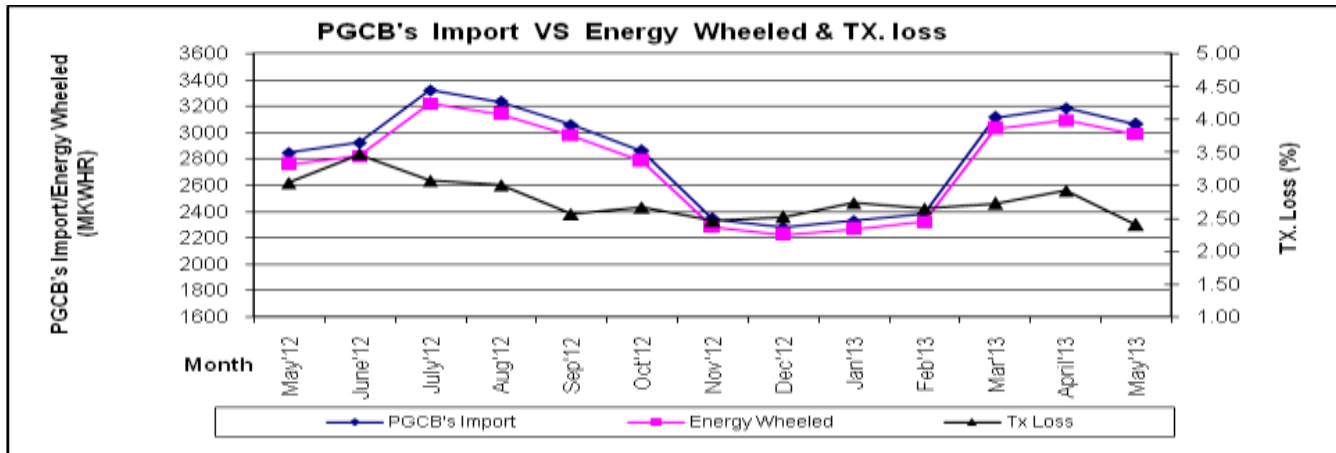
**A) Generation, Demand and Load shedding**

**1) Generation:**

The Total import of PGCB (Including IPP, RPP but excluding non Grid Generation & 2.5% unit x former loss at Ghorasal (8.92 Mkwahr)) during **May'13 and April'13** were **3060.31 Mkwahr** and **3185.50 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 Gen. (Mkwahr)		Total Net Gen. (BPDB, IPP & RPP) (Mkwahr)	Total net Non Grid Generation (Mkwahr)	Total Input/Import of PGCB (Mkwahr)
	Gross Gen. (Mkwahr)	Station use (Mkwahr)	Net Gen. (Mkwahr)	IPP	RPP			
	1	2	3=1-2	4	5			
FY 11-12	16011.38	872.09	15139.29	8706.61	9489.73	33335.63	1724.64	31,532.62
FY 12-13 (Upto May'13)	17039.97	909.67	16130.305	7587.66	9211.72	32,929.68	1705.57	31,149.51
May'13	1777.848	107.39	1670.458	694.58	842.09	3,207.13	137.899	3,060.31
May'12	1517.06	89.88	1427.18	761.61	821.02	3,009.81	158.725	2,843.22
April'13	1719	87.82	1631.18	750.58	997.59	3,379.35	187.7	3,185.50

**X\*=2.5% unit x former loss of Ghorasal**



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

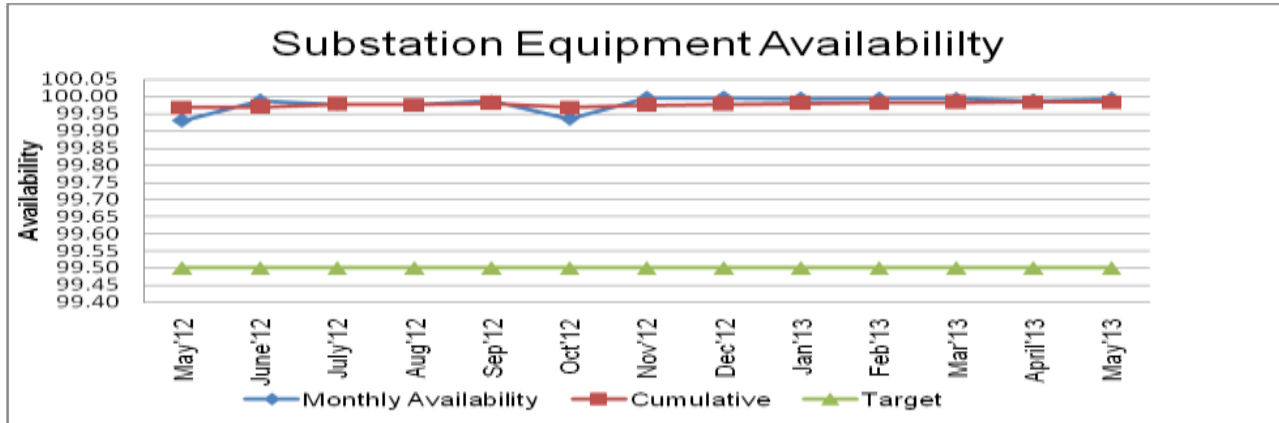
Maximum Generation, maximum Demand and maximum Load shed for the month of May'13 & April'13 and FY 12-13 are shown below;

Description	April'13		May'13		FY 12-13 (Up to May'13)	
	MW	Date	MW	Date	MW	Date
Maximum Generation	6326	13.04.13	6223	02.05.13	6350.00	04.08.12
Maximum demand	6500	15.04.13	6350	02.05.13	6600.00	27.09.12
Maximum load shed.	487	03.04.13	370	20.05.13	1048	28.09.12

## B) Key Performance Indicators of PGCB

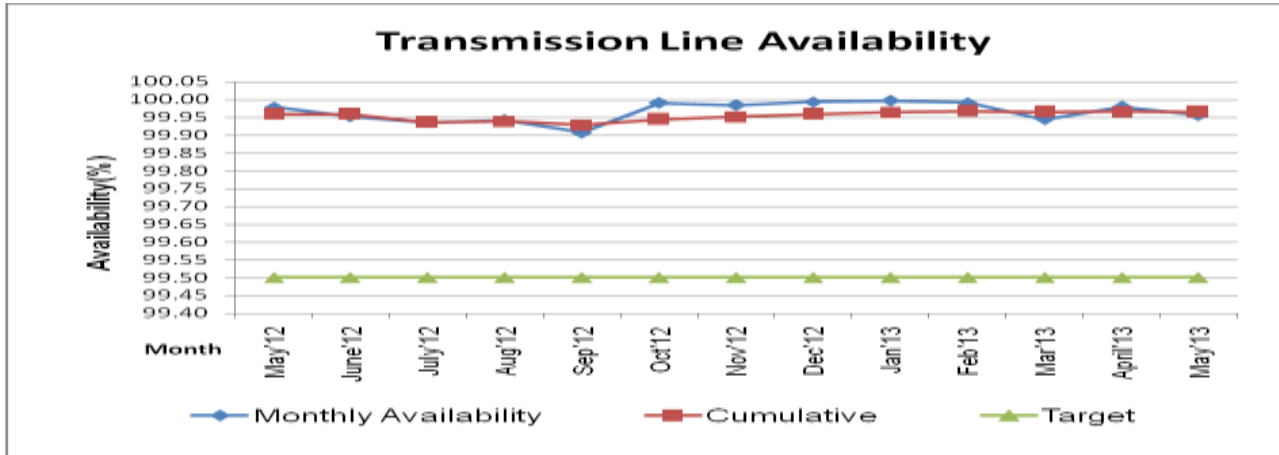
### 1) Substation Equipment Availability:

In the current month, Substation equipment availability is increased slightly from the previous month. In the current month it is 99.9931% and in the previous month it was 99.9885% Cumulative availability up to the current month is 99.9846%.



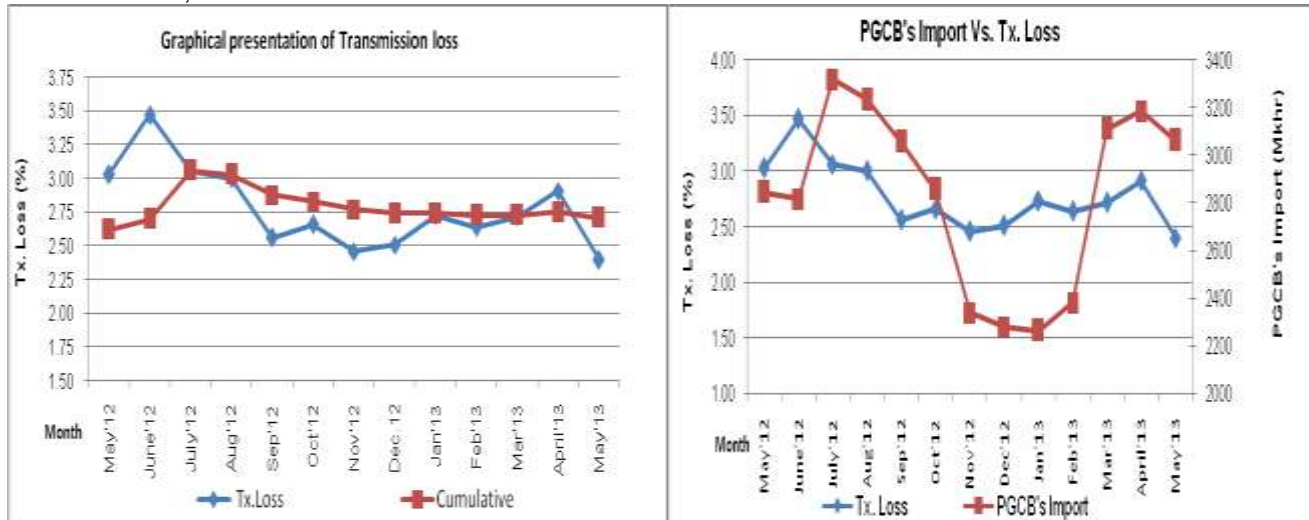
### 2) Transmission line Availability:

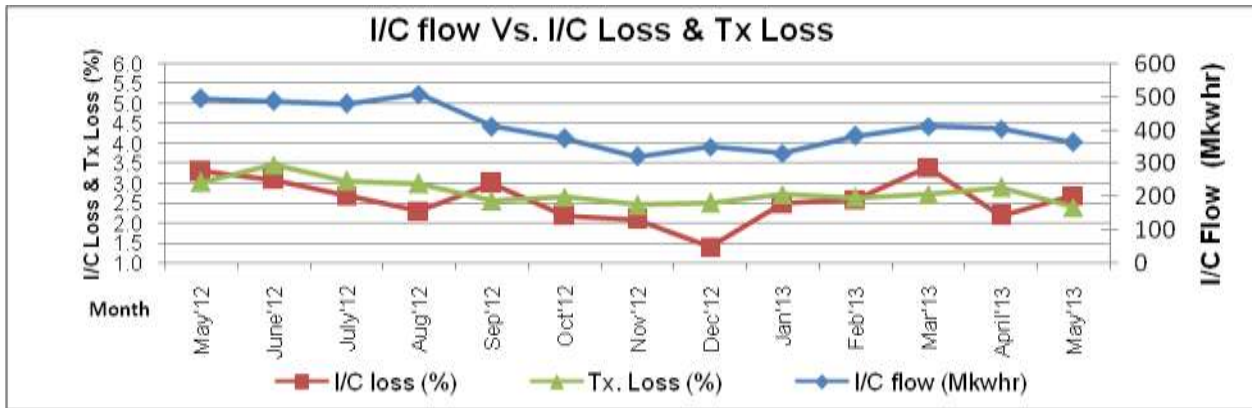
Transmission line availability in the current month decreased from the previous month. In the Current month it is 99.9559% and in the previous month it was 99.9801% Cumulative availability up to the Current month is 99.9654%.



### 3) Transmission loss:

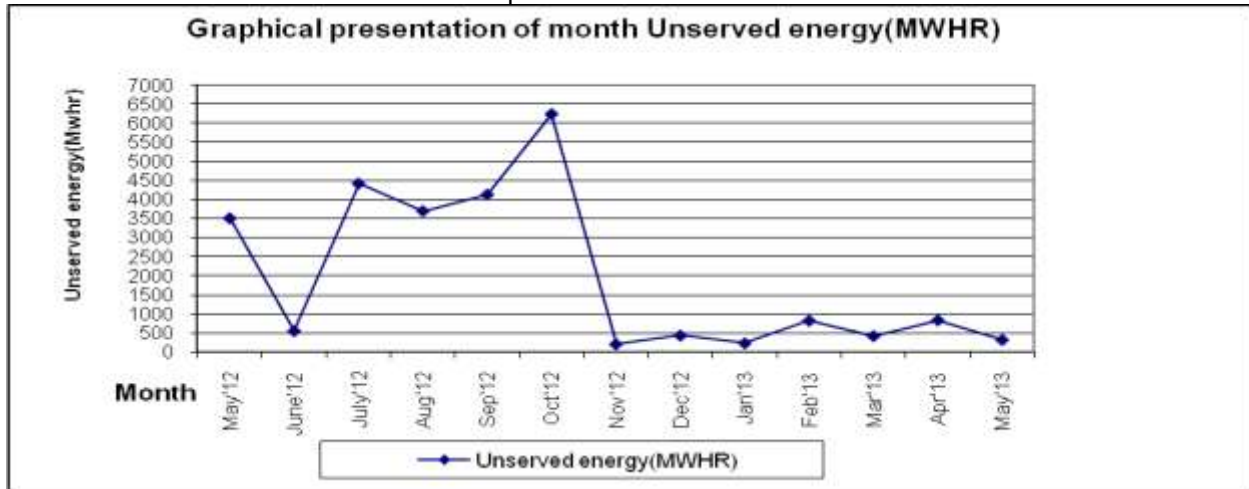
Transmission loss in the current month decreased from the previous month. In the current month it is 2.40% and in the Previous month it was 2.91% Cumulative loss is 2.71%. Graphical presentation of Monthwise & Cumulative Transmission loss, PGCB's Import Vs. Tx. loss, I/C flow Vs. I/C loss and Tx. Loss are shown below;





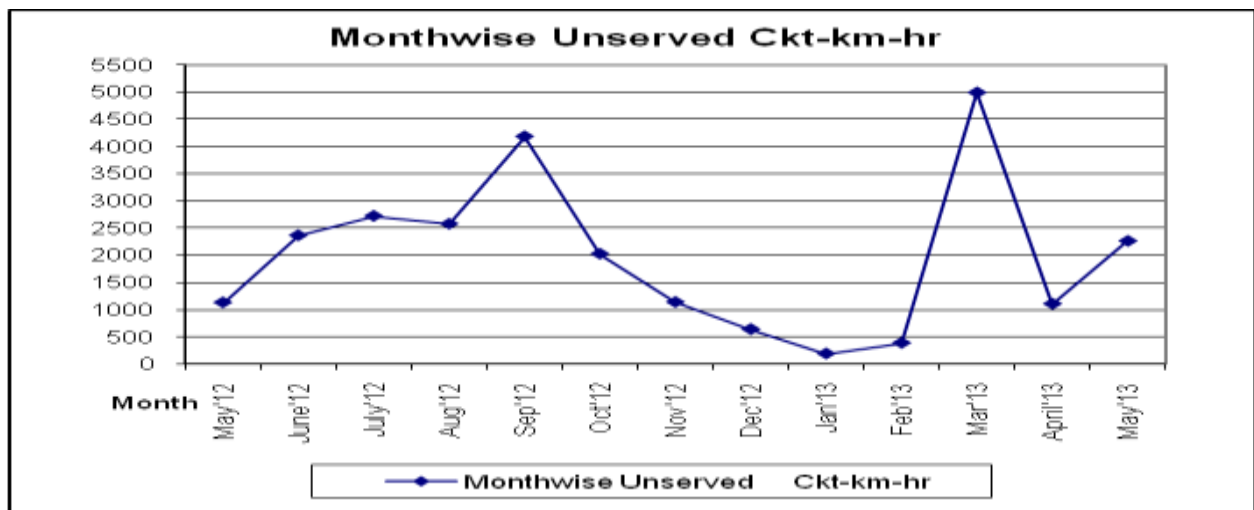
**4) Unserved energy:**

The amount of Unserved energy in the current month is decreased from the previous month. In the current month it is 317.96 Mwhr and in the previous month it was 835.56 Mwhr.



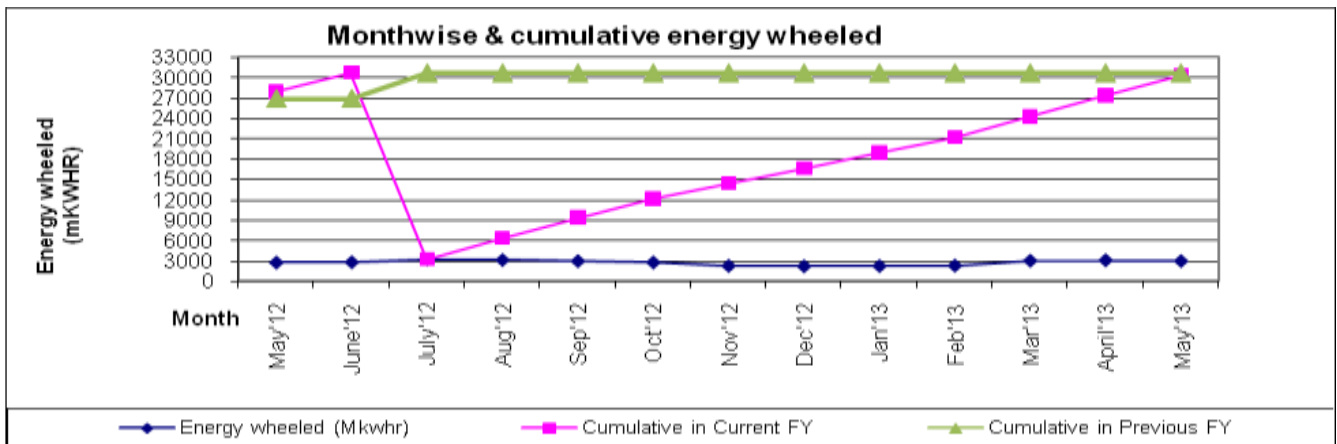
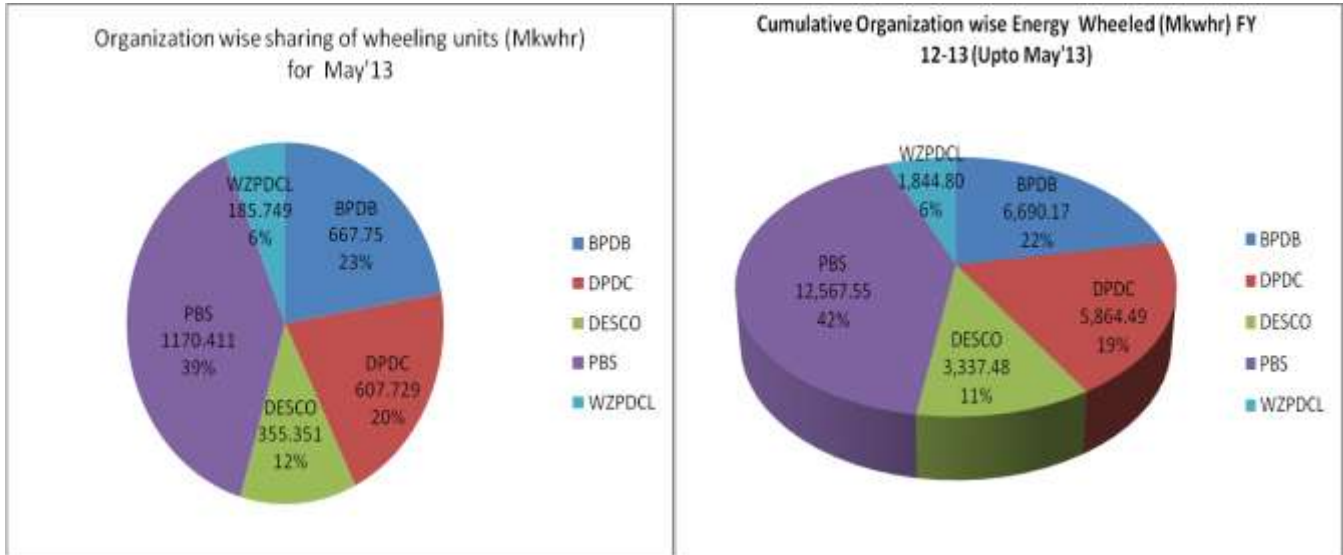
**5) Unserved Ckt-Km-hr:**

The amount of unserved Ckt-Km-hr in the current month increased sharply from the previous month. In the current month it is 2261.91 Ckt-Km-hr and in the previous month it was 1104.54 Ckt-Km-hr.



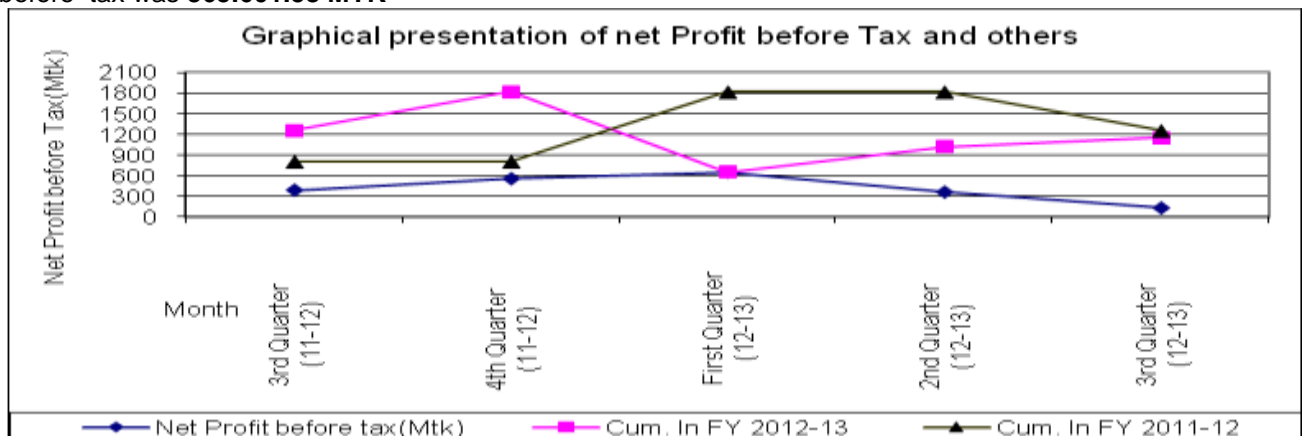
**6) Organization wise Energy wheeled:**

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 **2986.99** Mkwahr. and in the previous month it was **3092.73** 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 ;



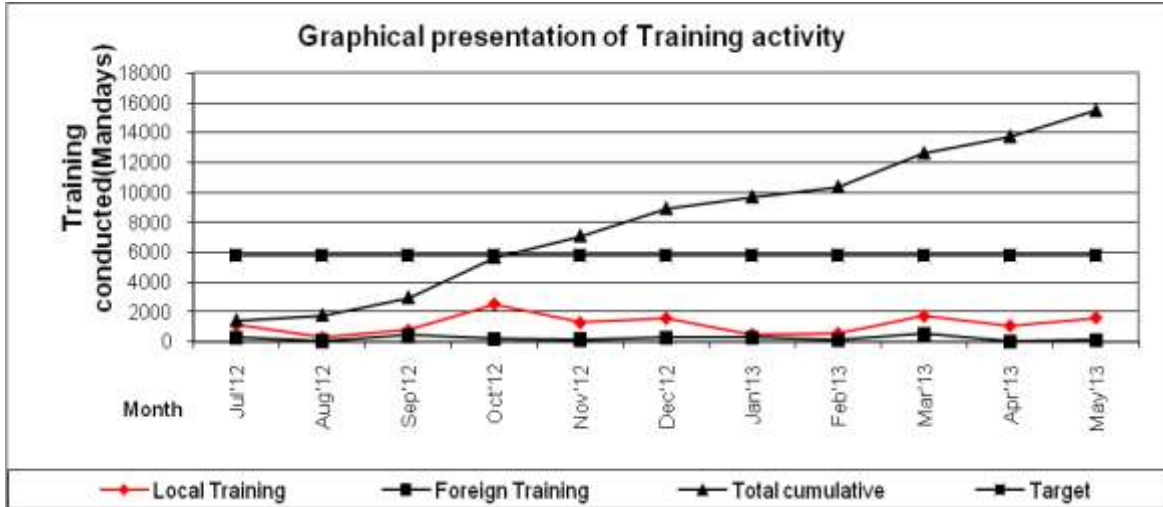
**7) Profit statement:**

In the 3rd quarter's unaudited net profit before tax is **134.28** MTK. against second quarter's audited net profit before tax was **365.601.58** MTK



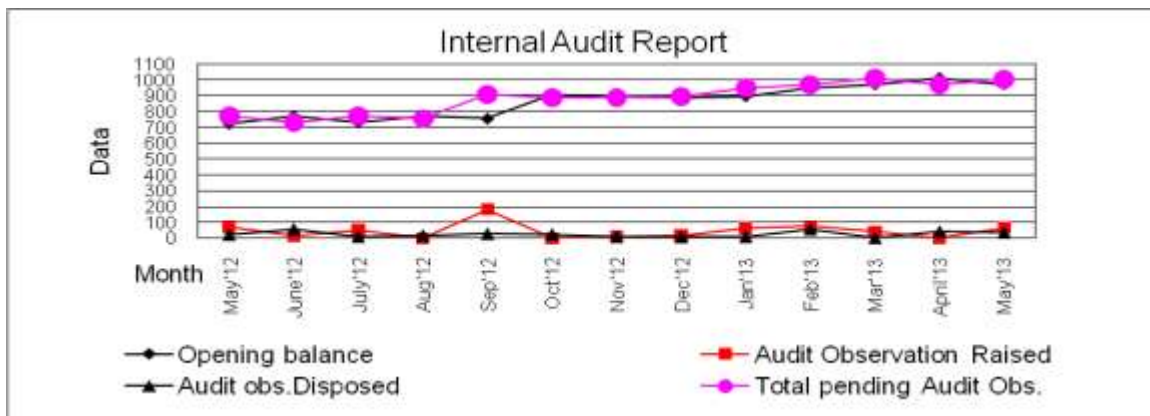
### 8) Training:

1597 Mandays Local training and 141 Mandays foreign trainings are conducted in the current month. So, up to May'13 total cumulative is 15472.5 Mandays.



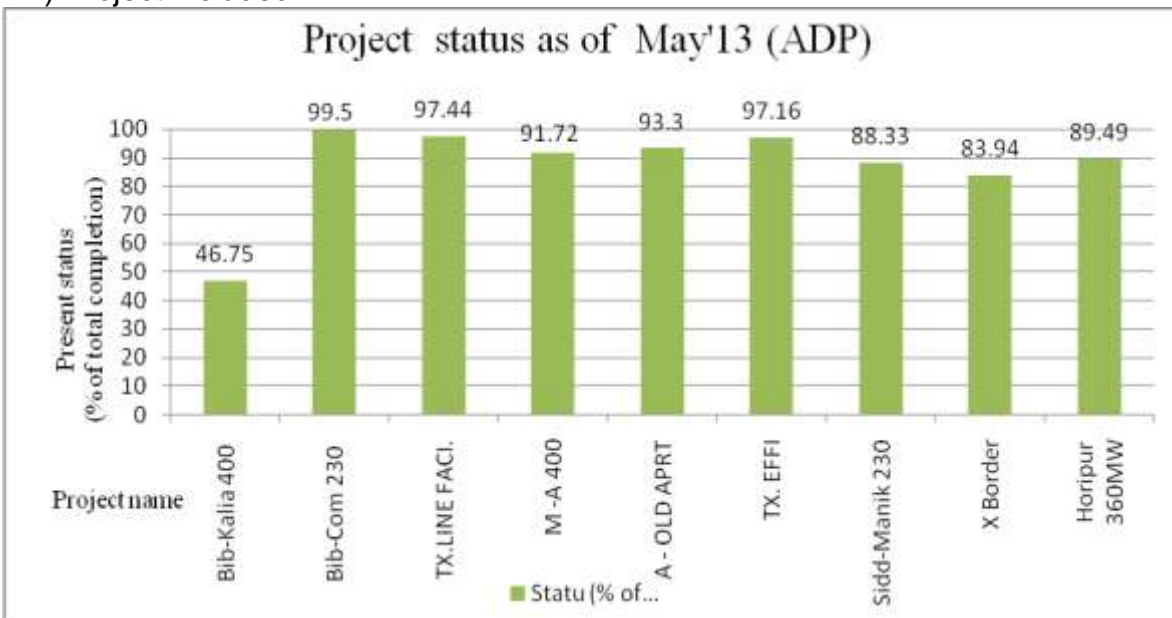
### 9) Internal Audit:

In the current month opening balance of Internal audit observation is 973, number of new audit observation raised is 66, number of audit observation disposed is 34. Hence, up to reporting month, total number of pending audit observation is **1005**.

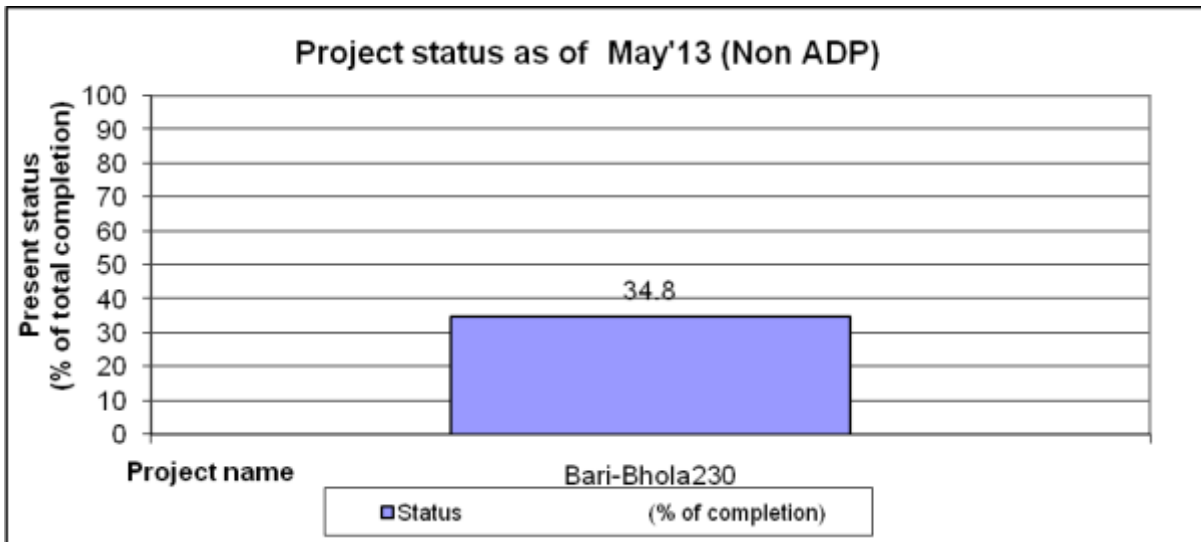


### 10) Project Status

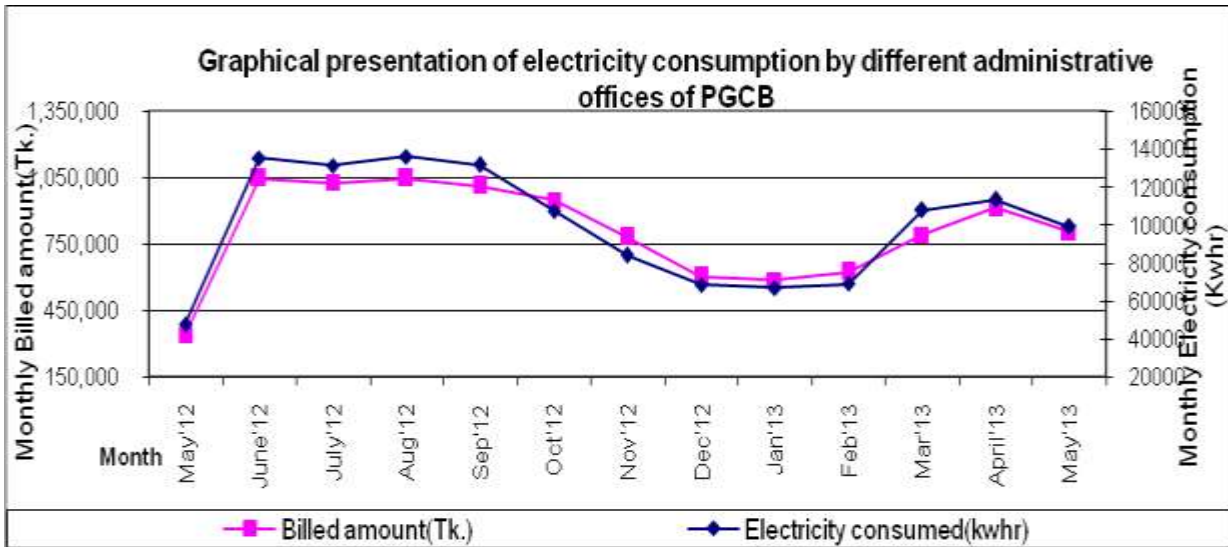
A) Project included in ADP



B) Non ADP Project



11) Electricity consumption:



(Abdur Rashid Khan)  
Manager (M.I.S)

Memo no: PGCB/M.I.S/2013/

Date:

Copy for information;

- 1) Managing Director, PGCB, Dhaka.
- 2) Director, O&M/P&D/Finance PGCB, Dhaka.
- 3) G.M, Transmission-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.