

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

In the current month total energy import of PGCB is **2326.456** Mkwahr, total energy wheeled by PGCB is **2262.953** Mkwahr, Transmission loss is 2.73% and Cumulative loss is 2.74%.

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

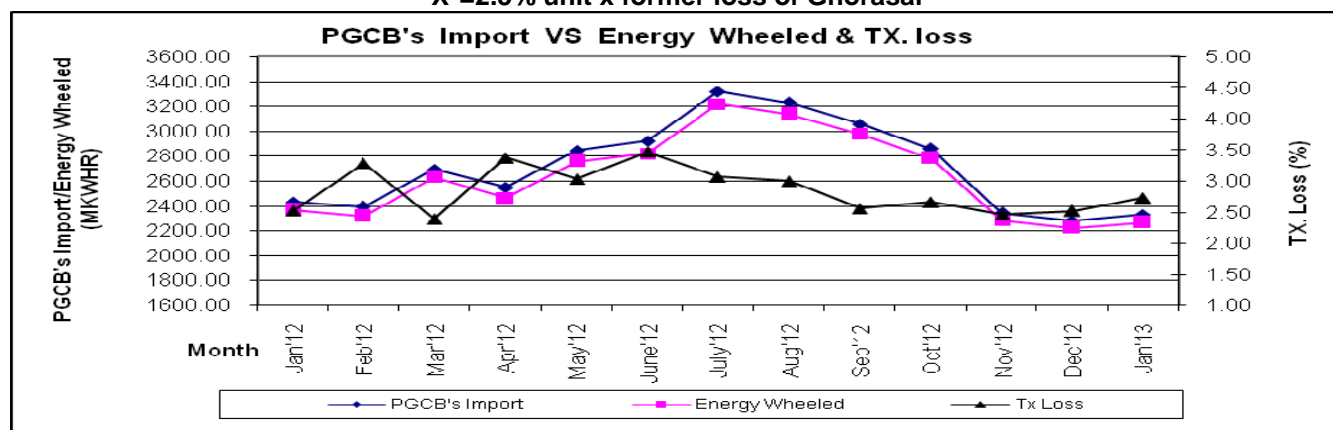
**A) Generation, Demand and Load shedding**

**1) Generation:**

The Total import of PGCB (Including IPP, RPP but excluding non Grid Generation & 2.5% unit x former loss at Ghorasal (3.56 Mkwahr)) during **January'13 and December'12** were **2326.456 Mkwahr** and **2278.85** 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 Jan'13)	10315.10	548.85	9766.26	5150.96	5613.5	20,530.72	1075.58	19,410.18
Jan'13	1149.2	60.85	1088.35	631.91	736.46	2,456.72	126.703	2,326.46
Jan'12	1249.1	63.24	1185.86	688.59	680.38	2,554.83	119.416	2,427.83
Dec'12	1199.76	62.44	1137.32	670.2	587.4	2,394.92	113.135	2278.85

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



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

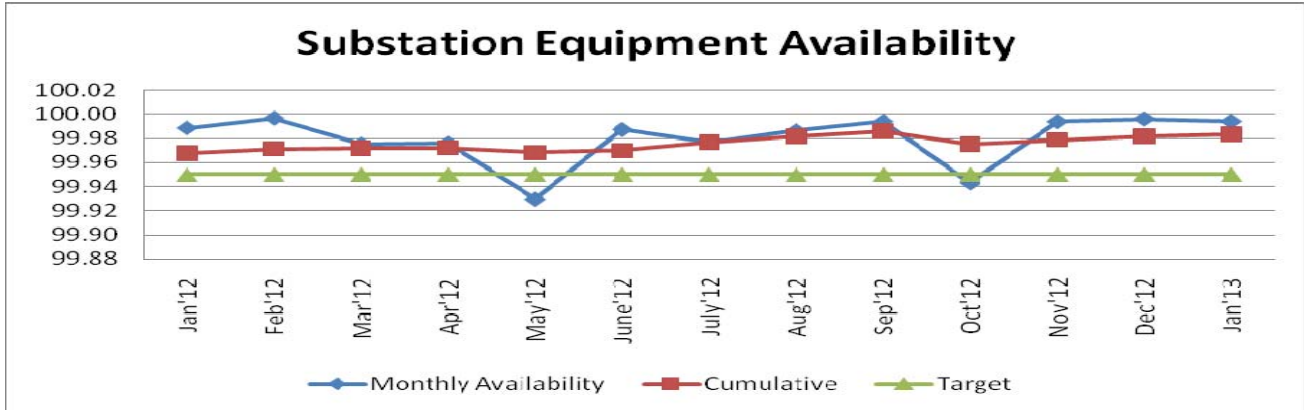
Maximum Generation, maximum Demand and maximum Loadshed for the month of January'13 & and Dec'2012 and FY 12-13 are shown below;

Description	December'2012		January'13		FY 12-13 ( Upto Jan'13)	
	MW	Date	MW	Date	MW	Date
Maximum Generation	4804	05.12.12	4862	31.01.13	6350.00	04.08.12
Maximum demand	5200	03.12.12	5350	31.01.13	6600.00	27.09.12
Maximum load shed.	472	18.12.12	497	10.01.13	1048	28.09.12

## B) Key Performance Indicators of PGCB

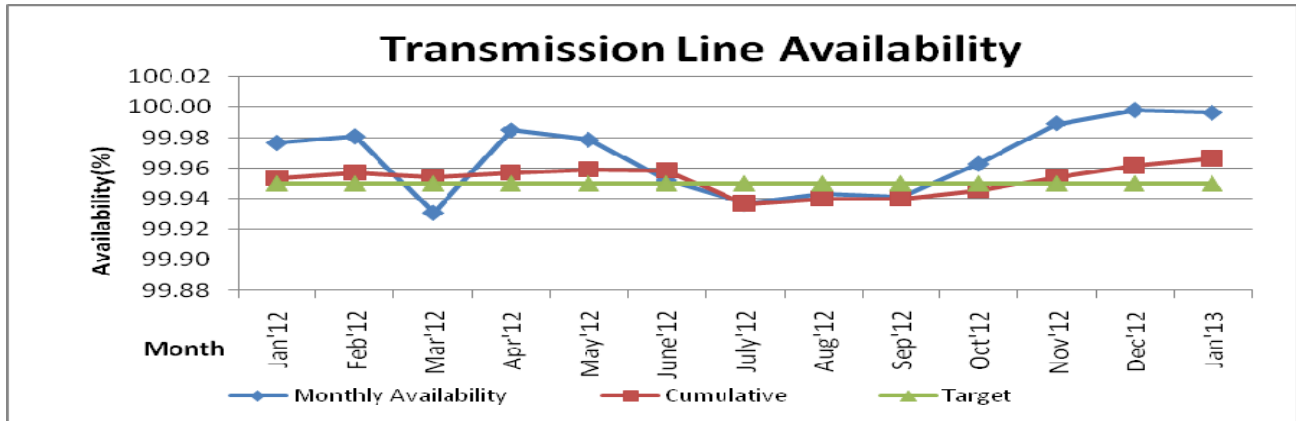
### 1) Substation Equipment Availability:

In the current month, Substation equipment availability is about to similar from the previous month. In the current month it is 99.9941% and in the previous month it was 99.9962% Cumulative availability upto the current month is 99.9835%.



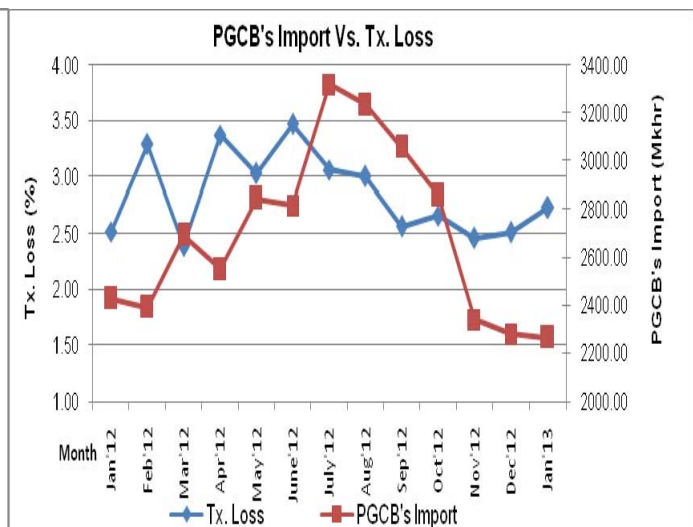
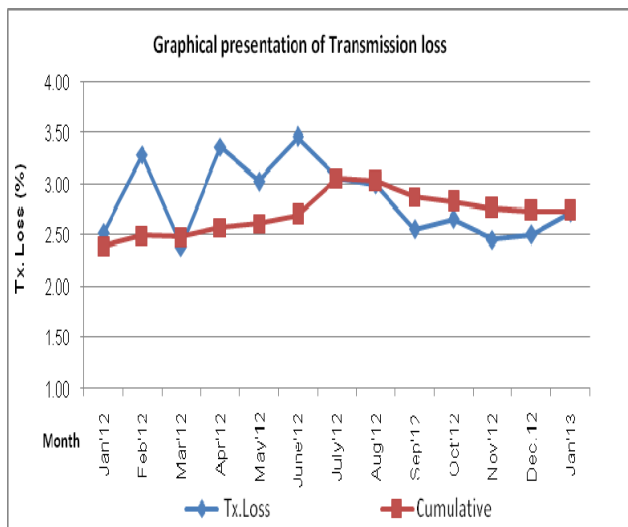
### 2) Transmission line Availability:

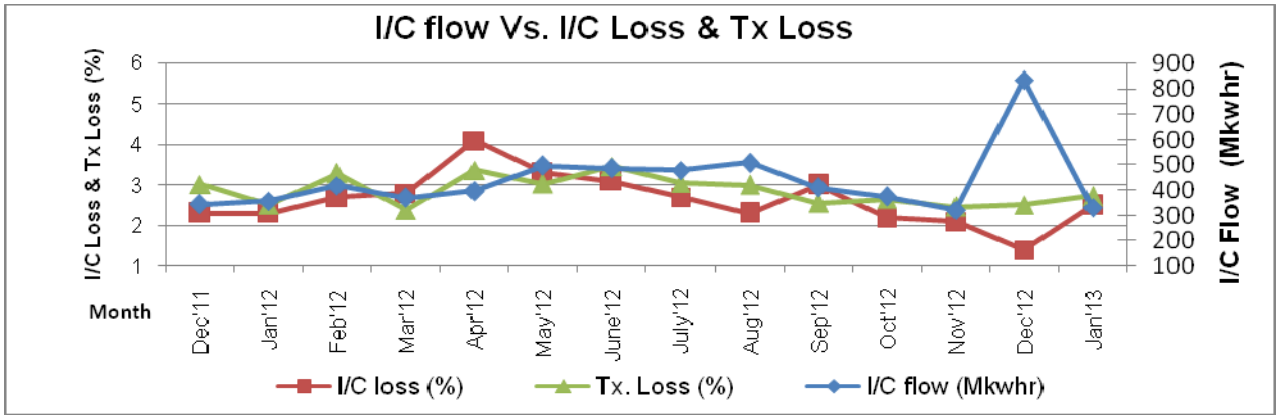
Transmission line availability in the current month decreased slightly from the previous month. In the Current month it is 99.9963% and in the previous month it was 99.9980% Cumulative availability up to the Current month is 99.9667%.



### 3) Transmission loss:

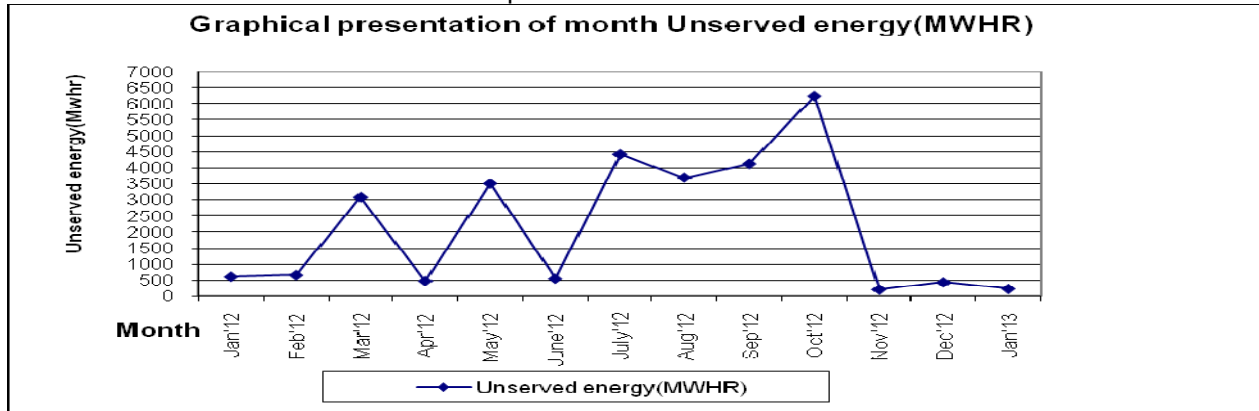
Transmission loss in the current month increased slightly from the previous month. In the current month it is 2.73% and in the Previous month it was 2.51% Cumulative loss is 2.74%. Graphical presentation of Monthwise & Cumulative Transmission loss, PGCB's Import Vs. Tx. loss, I/C flow Vs. I/C loss and Tx. Loss are shown below;





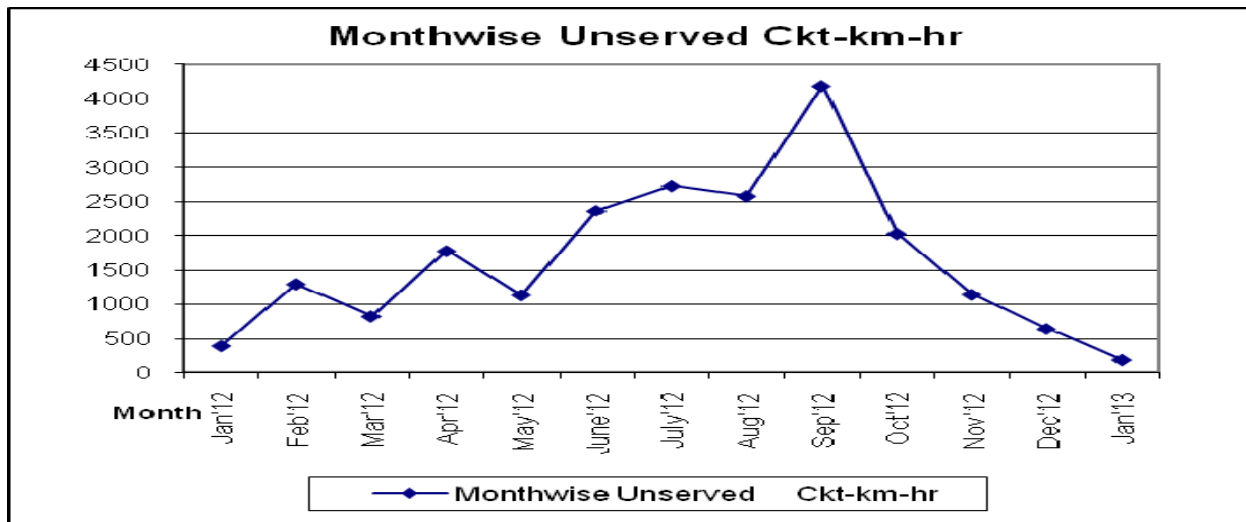
**4) Unserved energy:**

The amount of Unserved energy in the current month decreased from the previous month. In the current month it is 229.81 Mwhr and in the previous month it was 431.64 Mwhr.



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

The amount of unserved Ckt-Km-hr in the current month decreased from the previous month. In the current month it is 188.14 Ckt-Km-hr and in the previous month it was 637.85 Ckt-Km-hr.

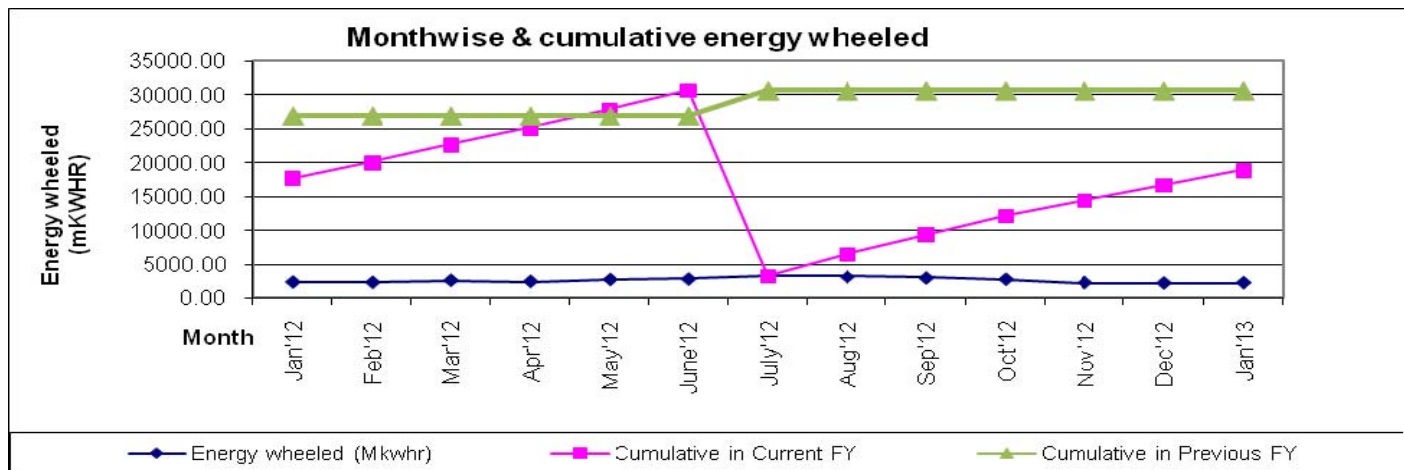
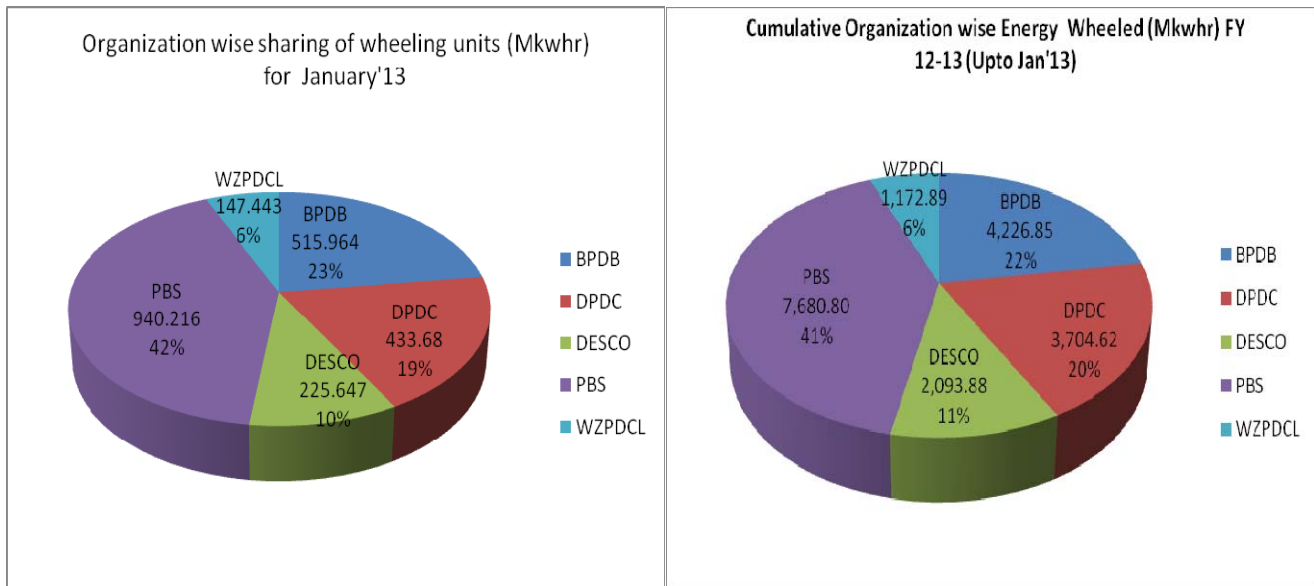


### 6) Organization wise Energy wheeled:

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 **2262.95** Mkwahr. and in the previous month it was **2221.53** Mkwahr.

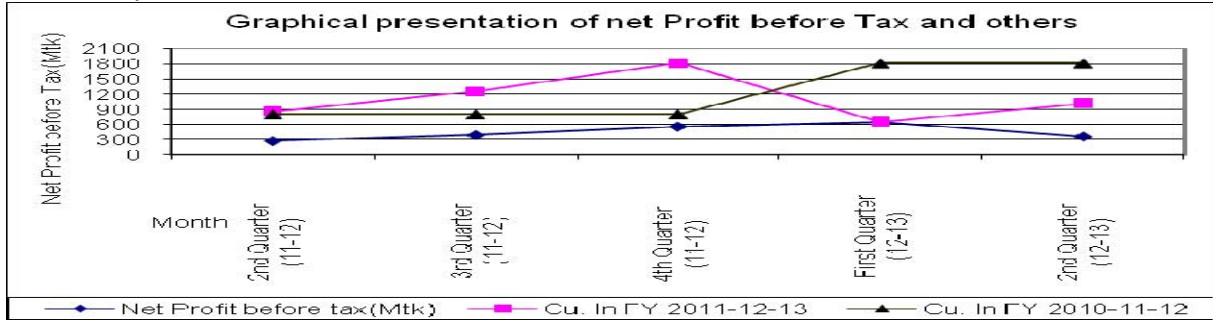
Energy wheeled to different Distribution agencies in the current month, In the previous month and cumulative upto the current month are shown in the table and graph below ;

Sl. No	Organization Name	Jan'13 (MKWH)	Dec'12 (MKWH)	Jan'12 (MKWH)	Cumulative For Current Fiscal Year(MKWH)	Cumulative For Previous Fiscal Year(MKWH)
1	BPDB	515.964	519.085	519.151	4,226.847	3516.206
2	DPDC	433.680	437.904	437.631	3,704.618	2915.558
3	DESCO	225.647	226.721	219.887	2,093.875	1944.237
4	PBS	940.216	895.000	1043.375	7,680.801	7070.356
5	WZPDCL	147.443	142.821	146.682	1,172.887	936.307
6	Total	2262.95	2221.531	2366.726	18,879.028	16,382.664



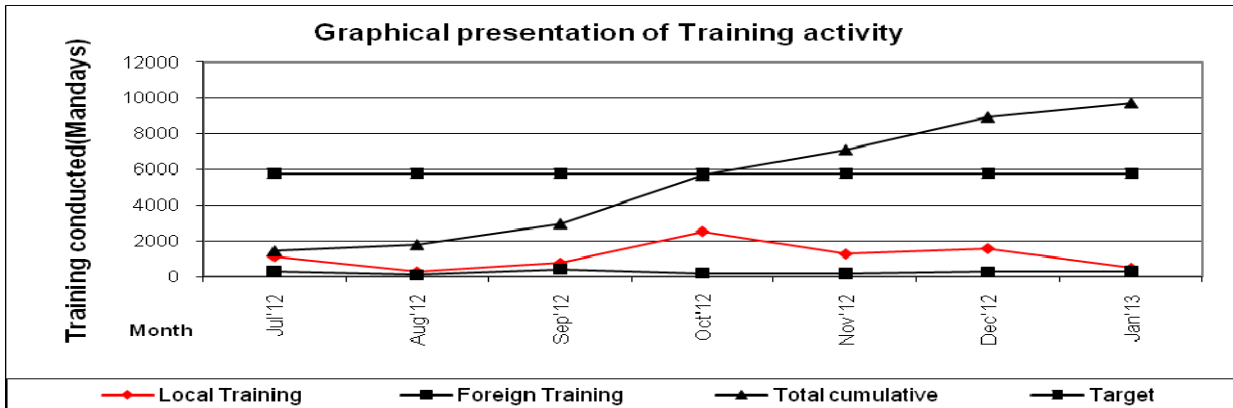
**7) Profit statement:**

In the second quarter's unaudited net profit before tax is **365.601.58MTK**. against previous quarter's audited net profit before tax is **655.534.58MTK**.



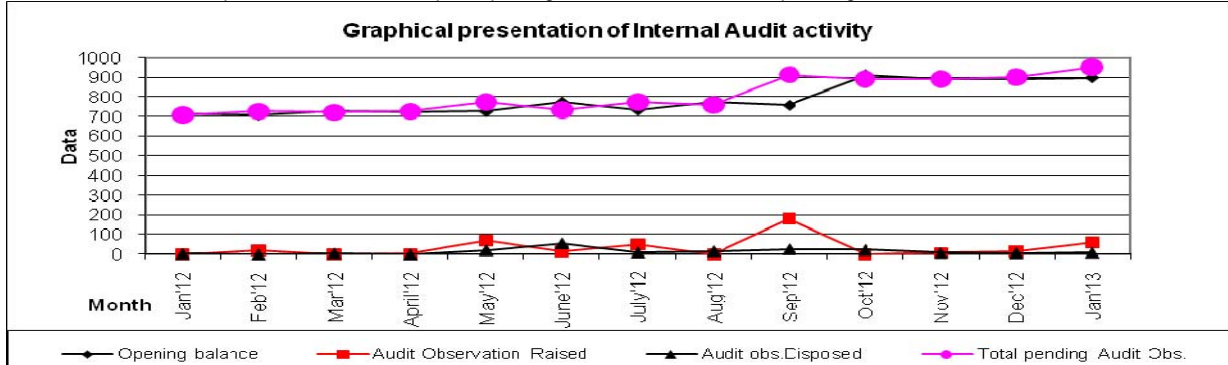
**8) Training:**

473Mandays Local training and 316Mandays foreign trainings are conducted in the current month. So, upto Jan'13 cumulative local training is 7946Mandays & cumulative foreign training is 1760Mandays and total cumulative is 9706Mandays.



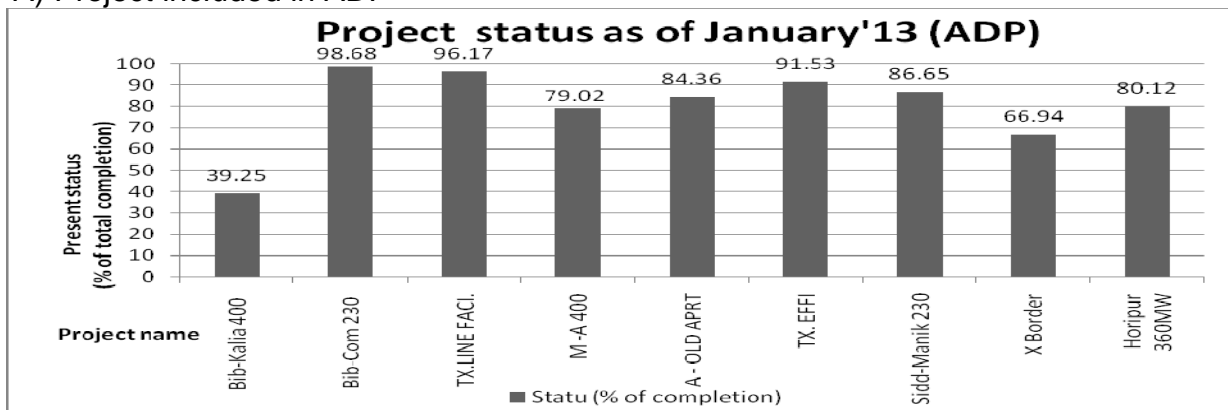
**9) Internal Audit:**

In the current month opening balance of Internal audit observation is 898, number of new audit observation raised is 62, number of audit observation disposed is 9.0. Hence, upto reporting month, total number of pending audit observation is 951.

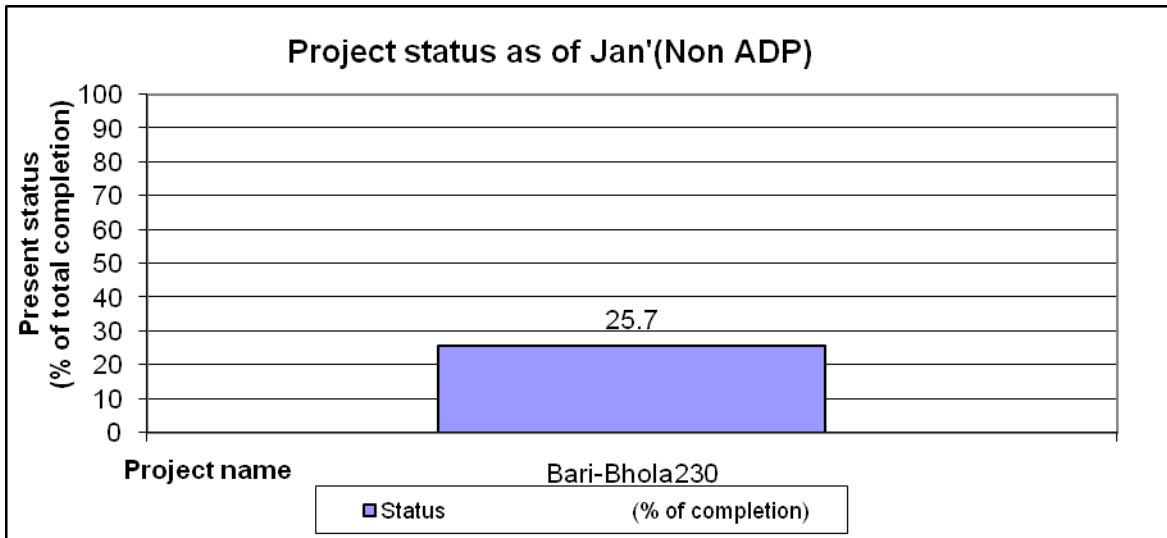


**10) Project Status**

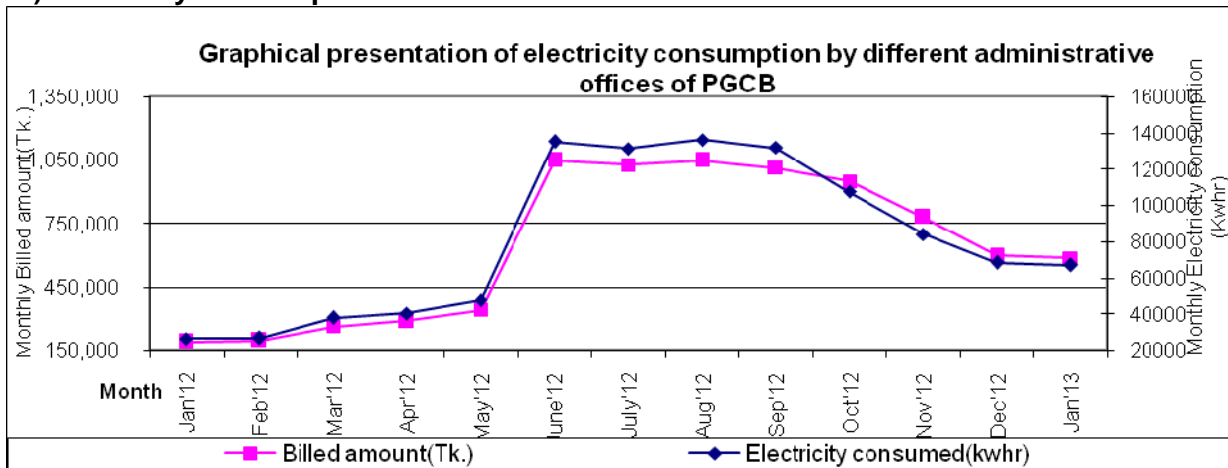
A) Project included in ADP



**B) Non ADP Project**



**11) Electricity consumption:**



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

Memo no: PGCB/M.I.S/2013/2809

Date:17.04.2013

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.