

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

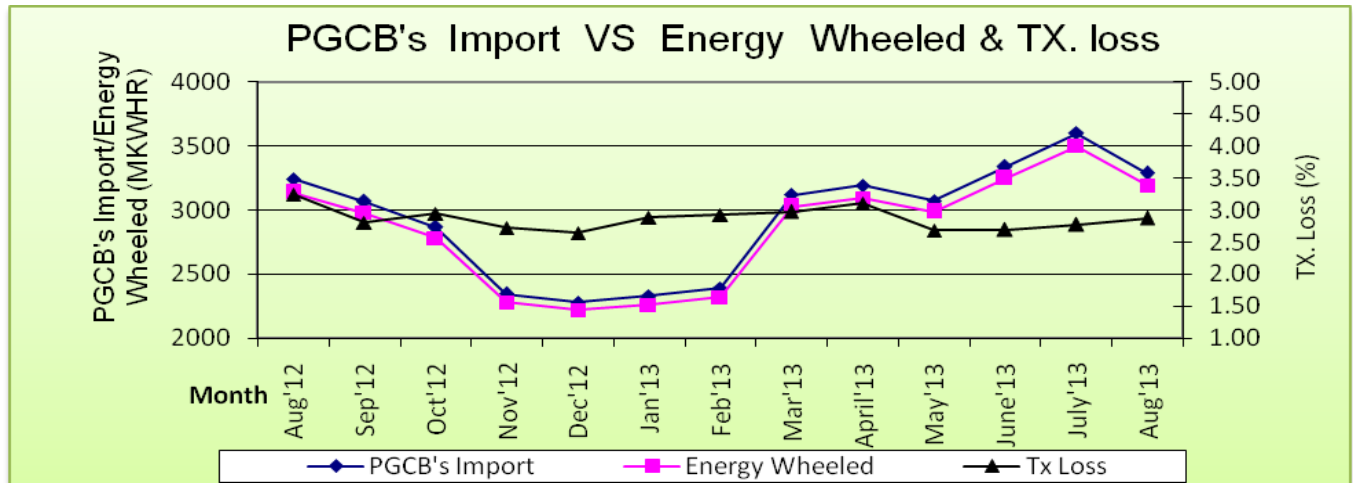
In the current month total energy import of PGCB is **3285.569** Mkwahr, total energy wheeled by PGCB is **3191.125** Mkwahr, Transmission loss is **2.87%** and Cumulative loss is **2.82%**.
 A brief overview on system Generation, Demand, Load shedding and Key Performance Indicators of PGCB is given below;

A) Generation, Demand and Load shedding

1) Generation:

The Total import of PGCB (Including IPP, RPP but excluding non Grid Generation during **August'13 and July'13** were **3285.569** Mkwahr and **3590.229** 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 12-13	18909.96	1013.29	17896.67	8341.35	10244.14	36,482.16	1923.391	34,558.75
FY 12-13 (Up to Aug'13)	3891.95	201.19	3690.76	1506.63	2141.71	7,339.10	454.249	6,884.85
August'13	1857.7	94.46	1763.24	759.35	967.12	3,489.71	204.004	3,285.71
August'12	1774.05	93.61	1680.44	797.71	952.26	3,430.41	189.643	3,240.77
July'13	2034.25	106.73	1927.52	747.28	1174.59	3,849.39	250.245	3,599.152



2) Maximum Generation, Demand and Load shedding;

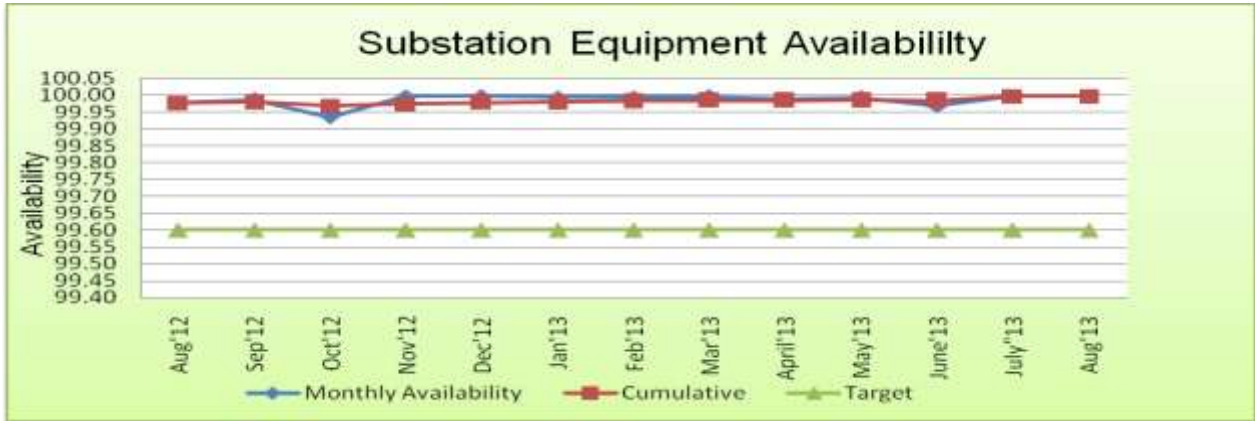
Maximum Generation, maximum Demand and maximum Load shed for the month of August'13 & and July'13 and FY 13-14 (up to Aug'13) are shown below;

Description	August'13		July'13		FY 13-14 (up to Aug'13)	
	MW	Date	MW	Date	MW	Date
Maximum Generation	6620	01.08.13	6675	12.07.13	6675	12.07.13
Maximum demand	6750	01.08.13	6900	24.07.13	6900	24.07.13
Maximum load shed.	706	25.08.13	488	25.07.13	706	25.08.13

B) Key Performance Indicators of PGCB

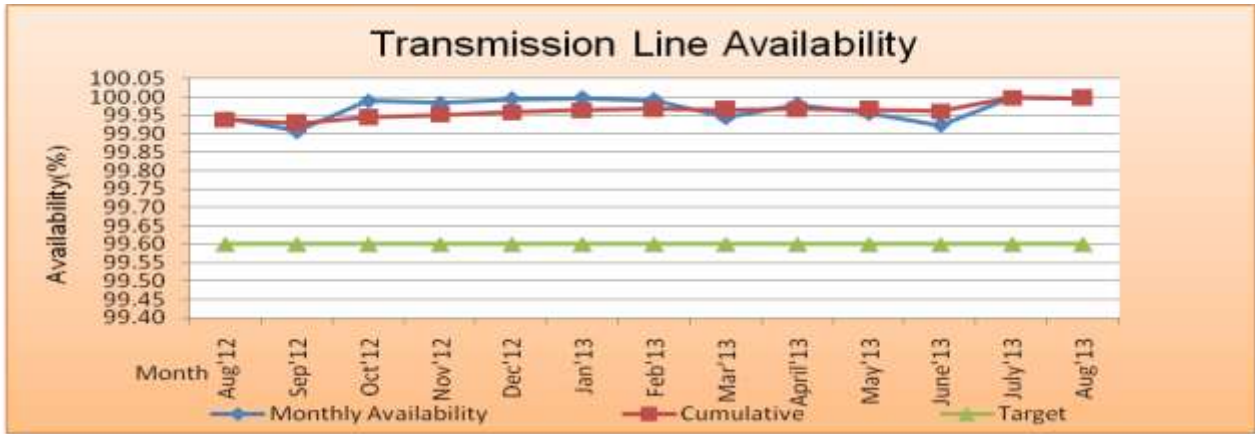
1) Substation Equipment Availability:

In the current month, Substation equipment availability is decreased from the previous month. In the Current month it is 99.9962% and in the previous month it was 99.9972% Cumulative availability up to The current month is 99.9967%.



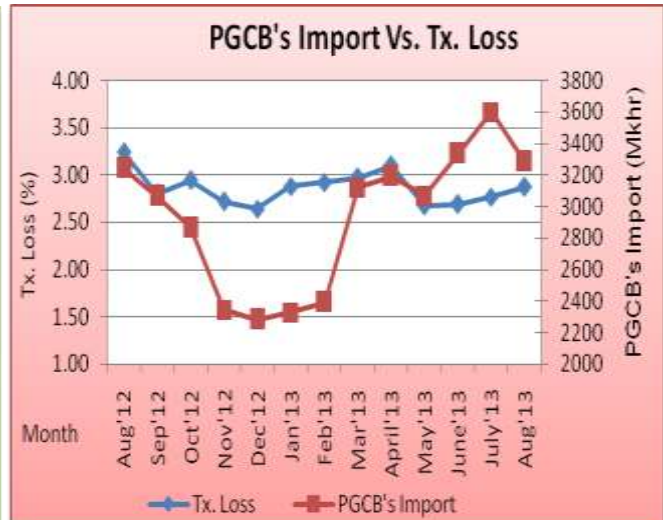
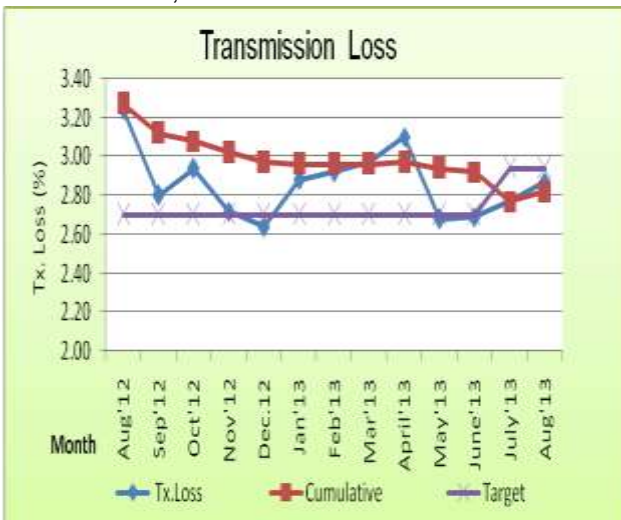
2) Transmission line Availability:

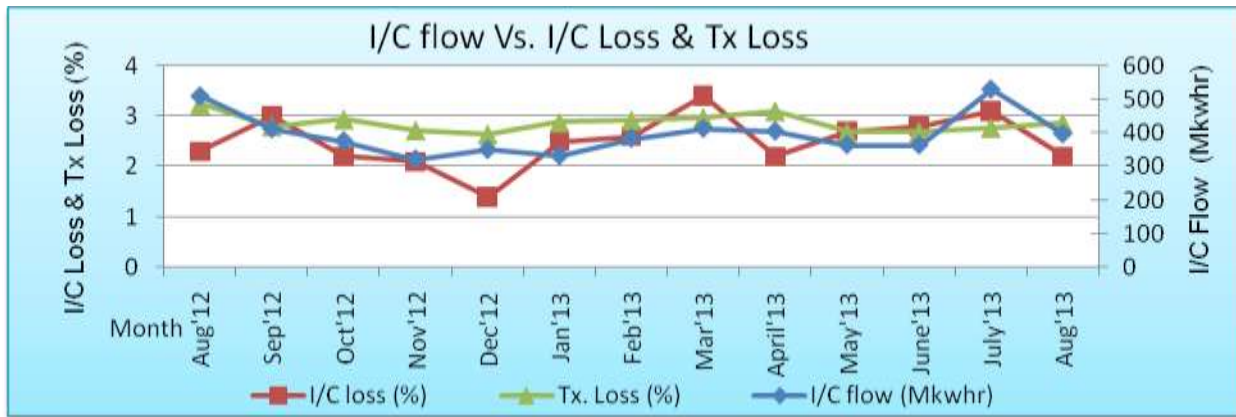
Transmission line availability in the current month increased from the previous month. In the Current month it is 99.9963% and in the previous month it was 99.9976% Cumulative availability up to the Current month is 99.9970%.



3) Transmission loss:

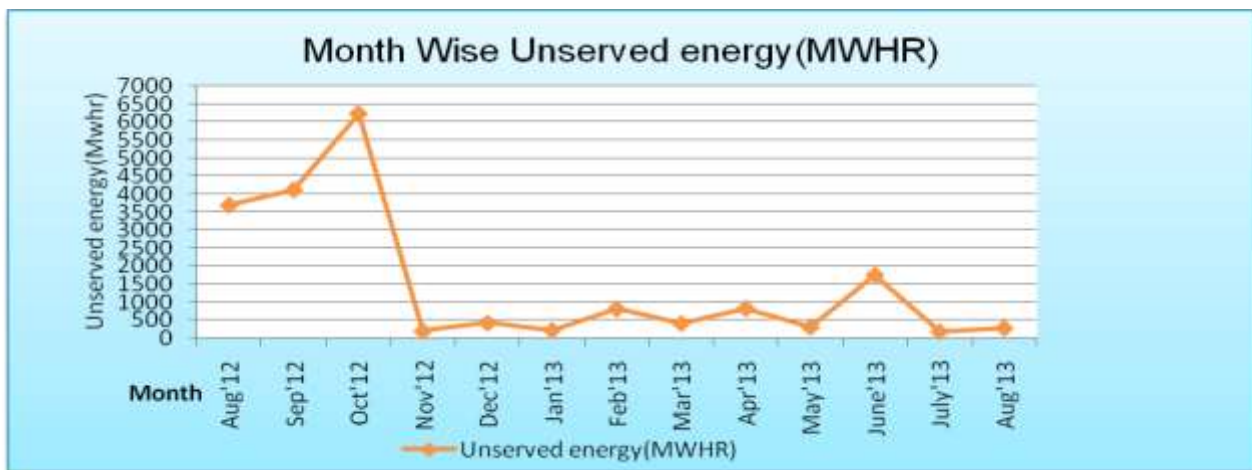
Transmission loss in the current month increased from the previous month. In the current month it is 2.87% and in the Previous month it was 2.77% Cumulative loss is 2.82%. Graphical presentation of Monthwise & Cumulative Transmission loss, PGCB's Import Vs. Tx. loss, I/C flow Vs. I/C loss and Tx. Loss are shown below;





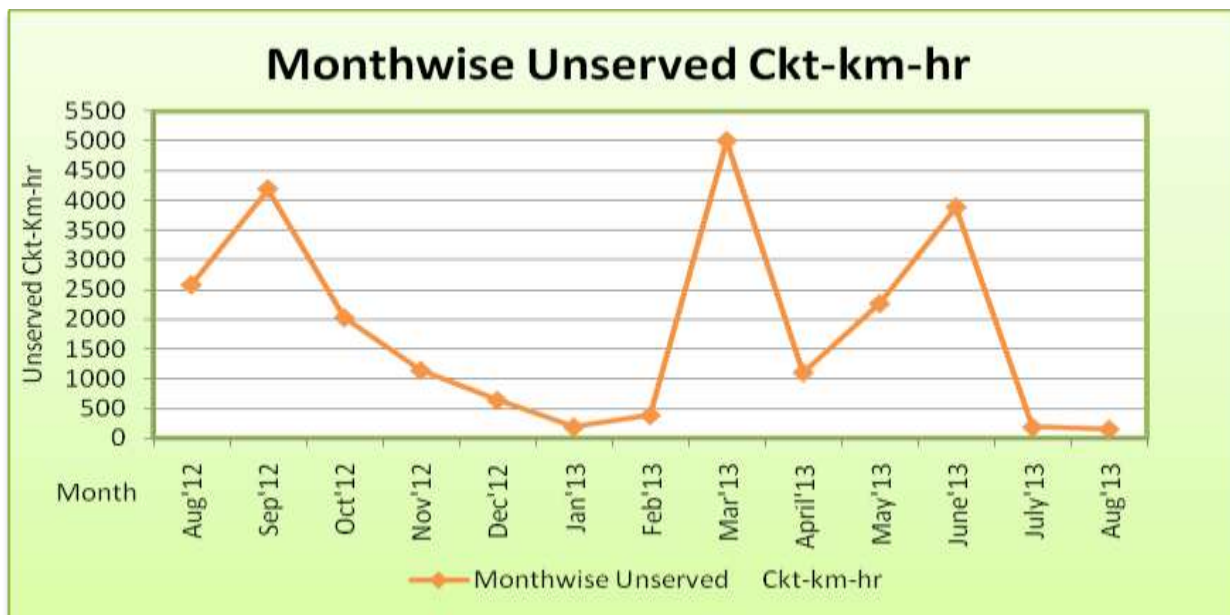
4) Unserved energy:

The amount of Unserved energy in the current month is increased from the previous month. In the current month it is 291.54 Mwhr and in the previous month it was 189.80 Mwhr.



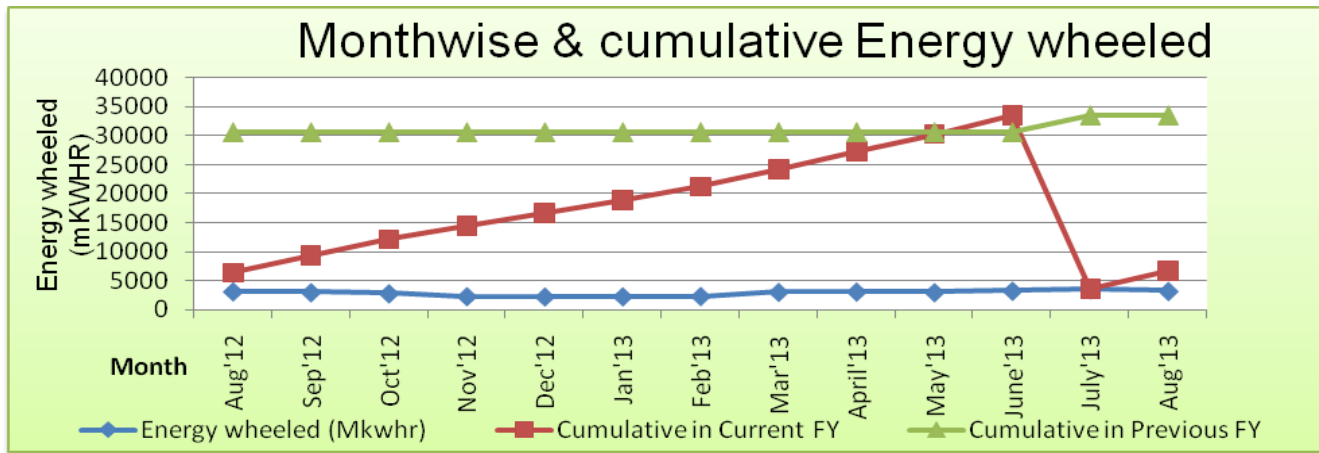
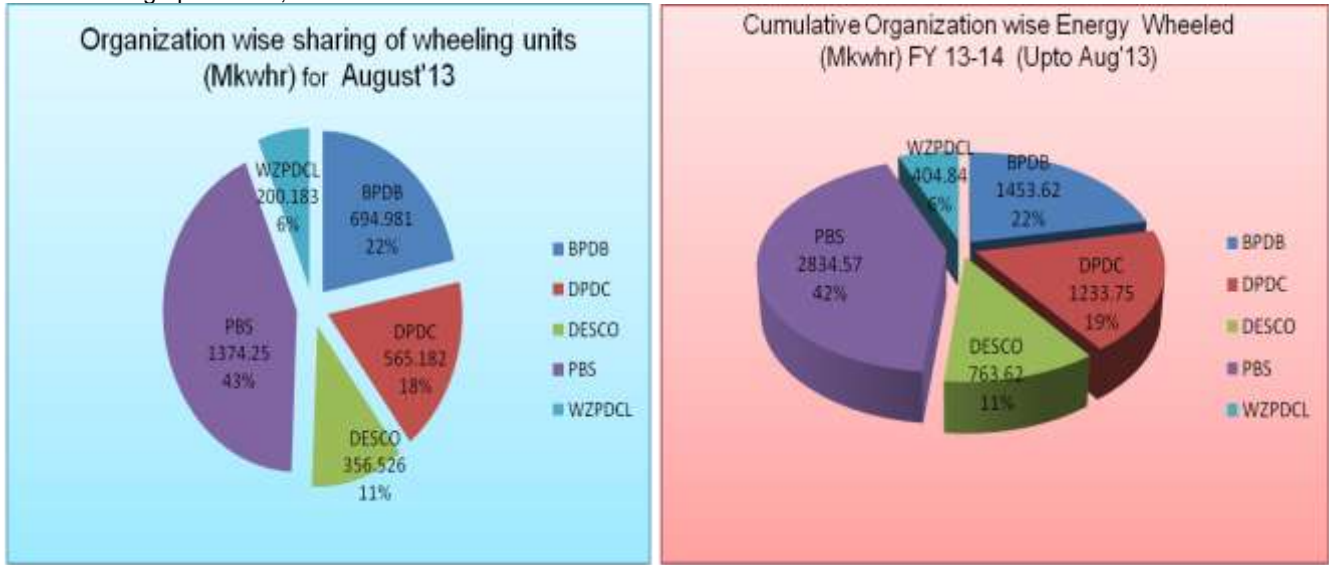
5) Unserved Ckt-Km-hr:

The amount of unserved Ckt-Km-hr in the current month decreased from the previous month. In the current month it is 151.93 Ckt-Km-hr and in the previous month it was 186.52 Ckt-Km-hr.

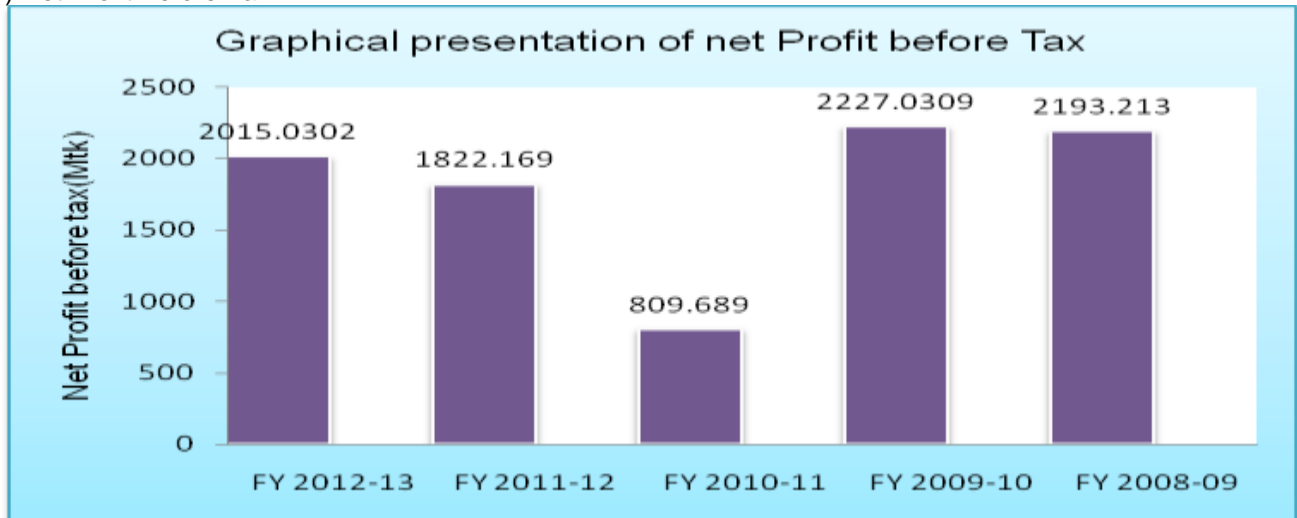


6) Organization wise Energy wheeled:

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 **3191.125** Mkw.hr. and in the previous month it was **3499.289** Mkw.hr. 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:



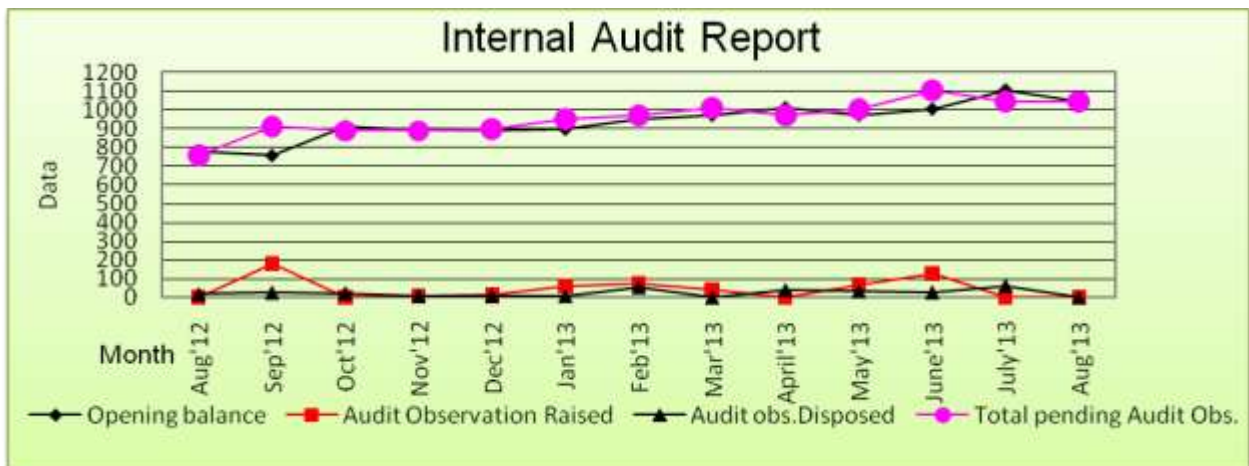
8) Training:

732 Mandays Local training and 98 Mandays foreign trainings are conducted in the current month. So, up to **current month** total cumulative is 1425 Mandays.



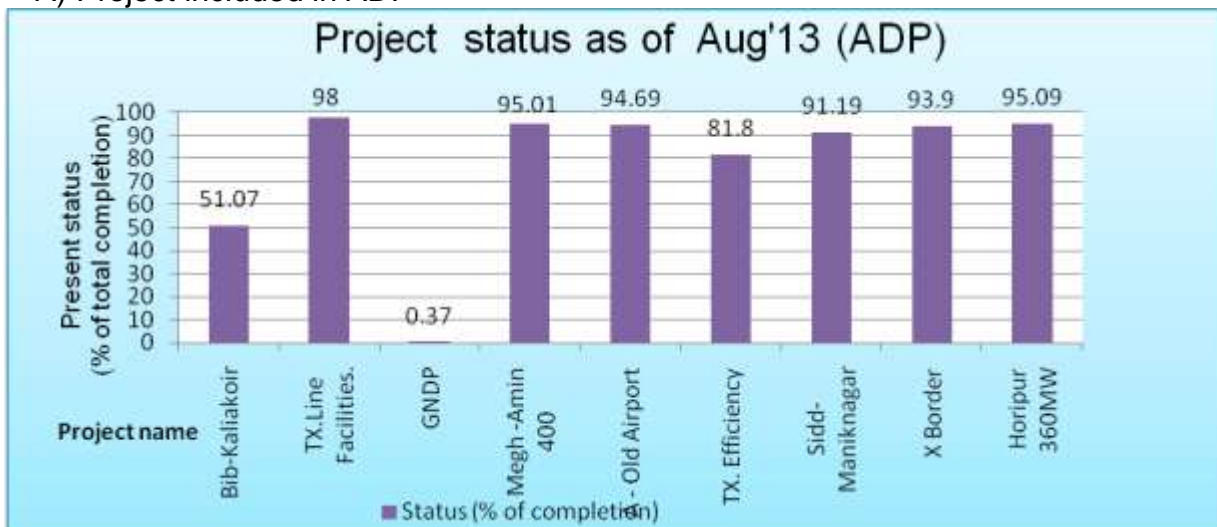
9) Internal Audit:

In the current month opening balance of Internal audit observation is 1045 number of new audit observation raised is 0 number of audit observation disposed is 0.00. Hence, up to reporting month, total number of pending audit observation is **1045**.

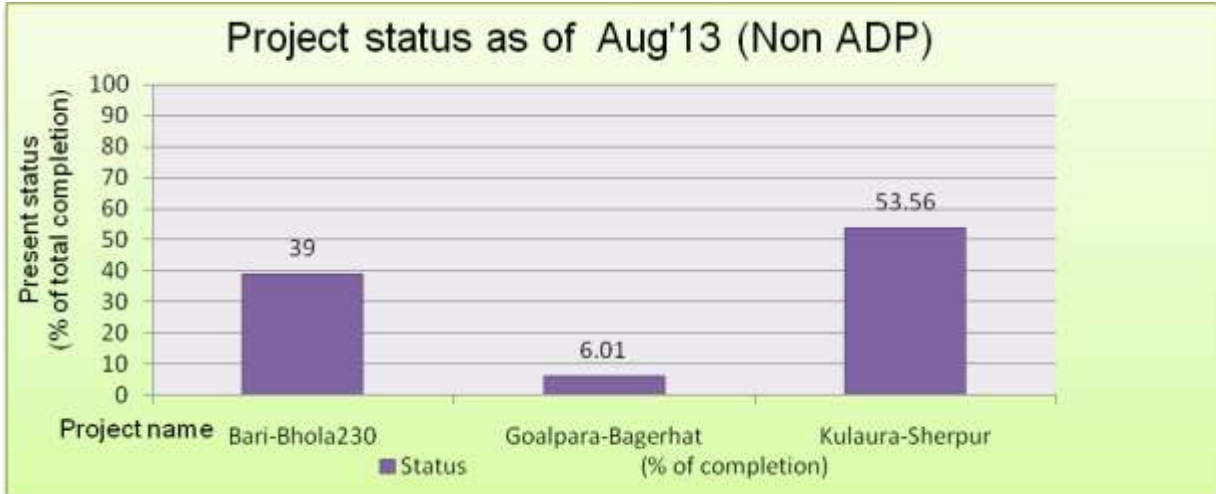


10) Project Status

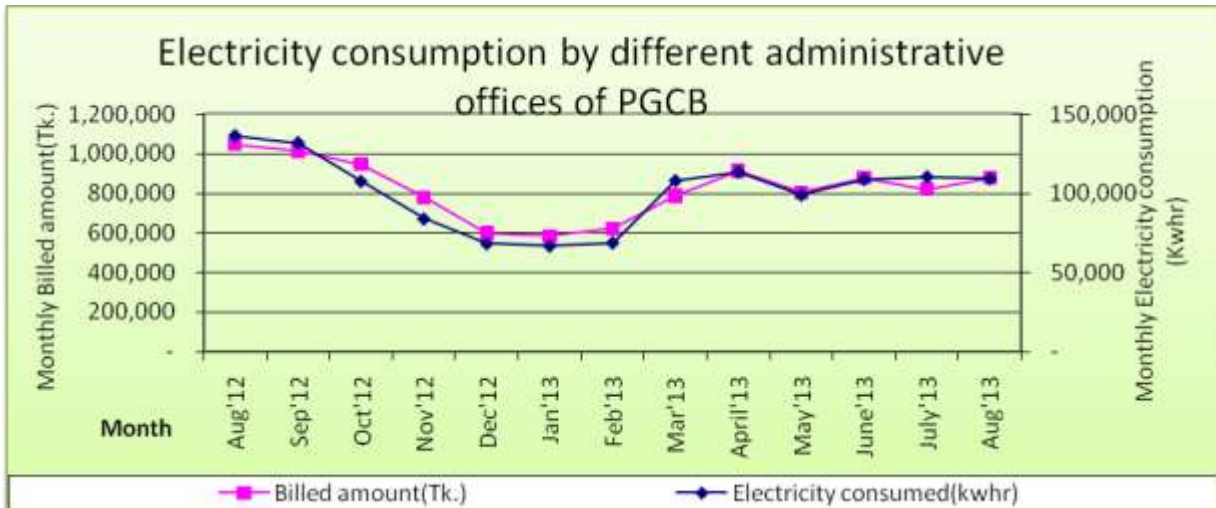
A) Project included in ADP



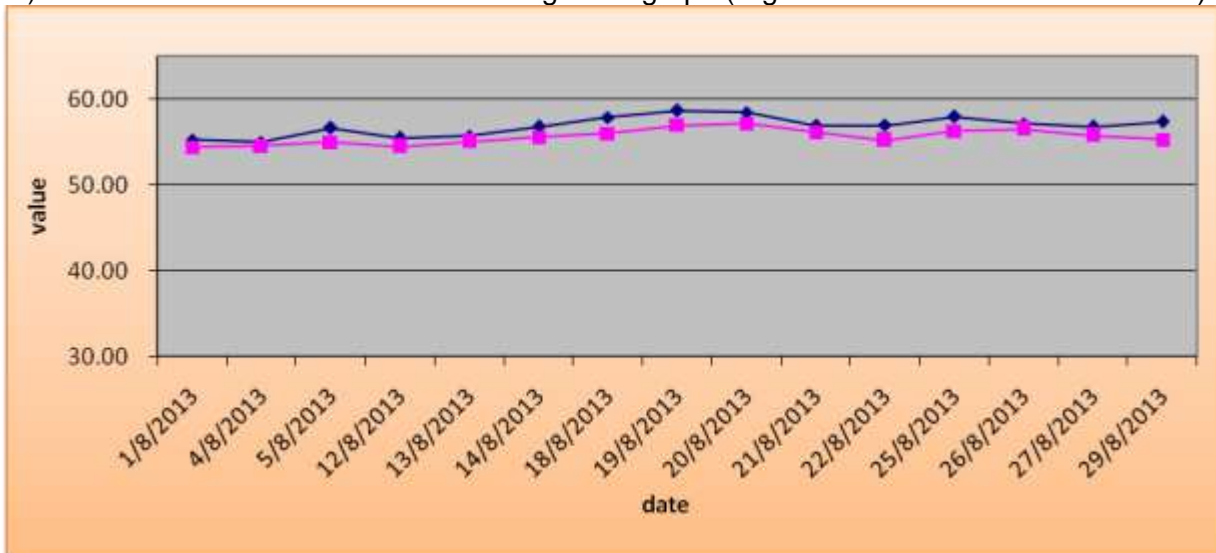
B) Non ADP Project



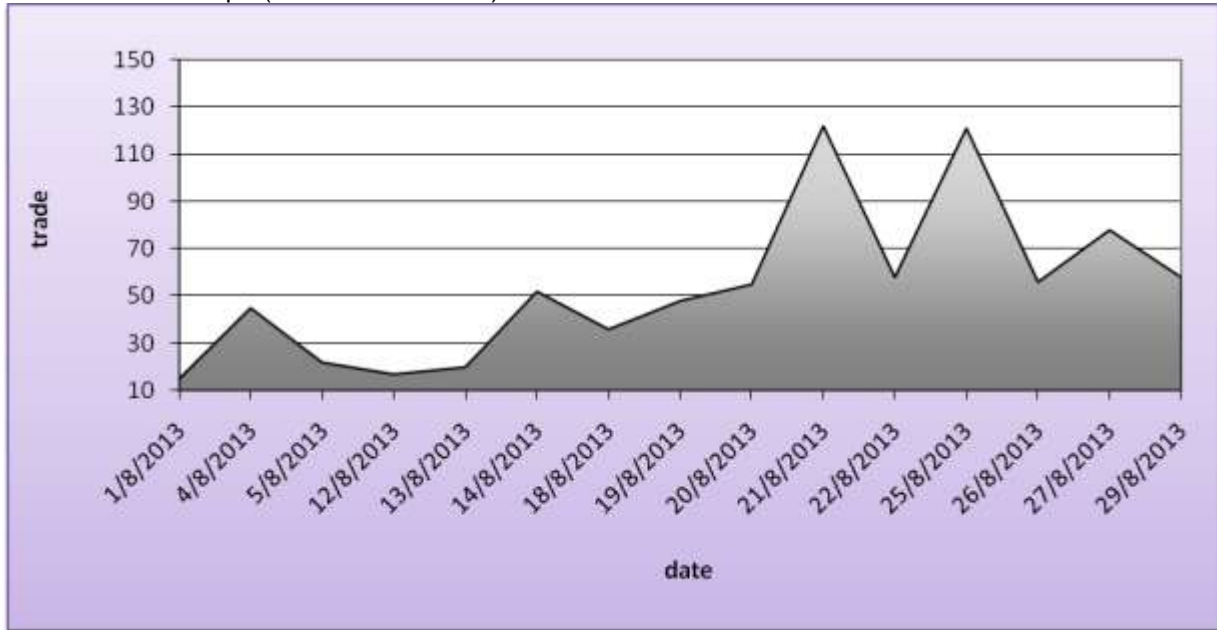
11) Electricity consumption:



12) A.SHARE TRADINGS AT DSE: Closing Price graph (Highest & Lowes value versus Date)



B.Total Trades Graph (Trade versus Date)



(Abdur Rashid Khan)
Executive Engineer (M.I.S)

Memo no: PGCB/M.I.S/2013/7899

Date:15.12.13

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.