

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

In the current month total energy import of PGCB is **3,688.085** Mkwahr, total energy wheeled by PGCB is **3,584.745**Mkwahr, Transmission loss is **2.80%** and Cumulative loss is **2.82%**.

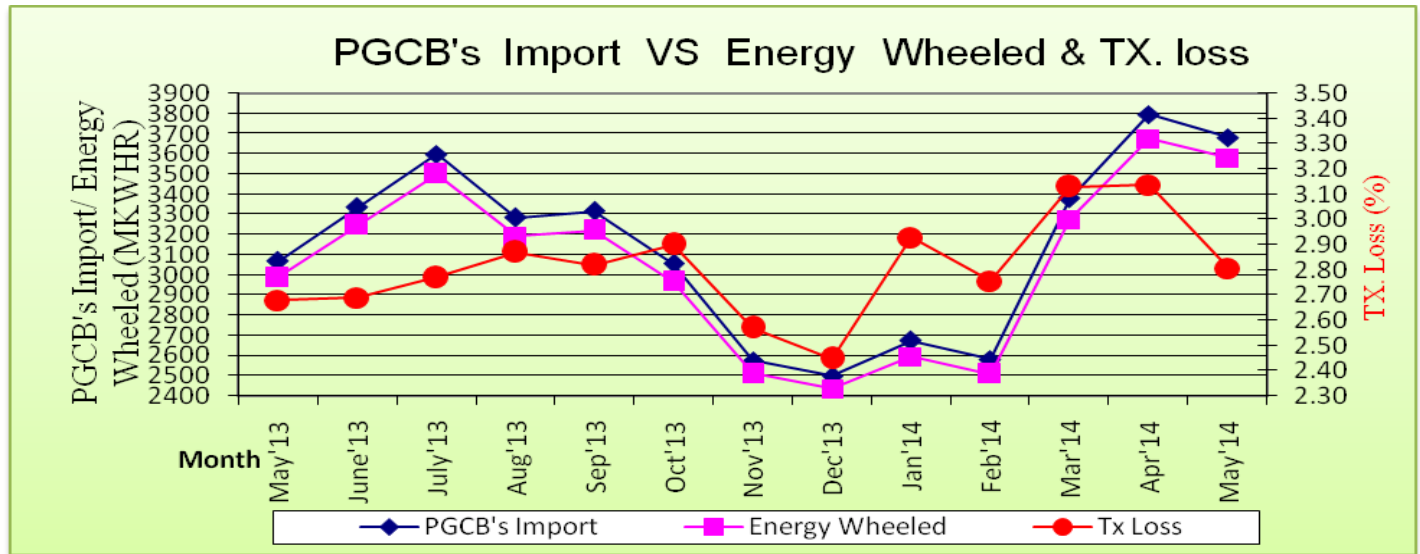
A brief overview on system Generation, Demand, Load shedding and Key Performance Indicators of PGCB is given below;

A) Generation, Demand and Load shedding

1) Generation:

The Total import of PGCB (Including IPP, RPP, Imported from India but excluding non Grid Generation) during **May'14 and April'14** were **3,688.085** Mkwahr and **3,785.927**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 May'14)	18566.96	925.162	17641.80	7259.289	9547.38	1985.075	36,433.54	2025.1846	34,408.36
May'2014	2172.23	95.18	2077.05	495.152	1080.6	272.63	3,925.64	237.352	3,688.08
May'2013	1777.848	107.39	1670.458	694.58	842.09		3,207.13	137.899	3,069.23
April'2014	2086.48	95.68	1990.8	663.05	1074.32	270.98	3,999.14	213.230	3,785.92



2) Maximum Generation, Demand and Load shedding;

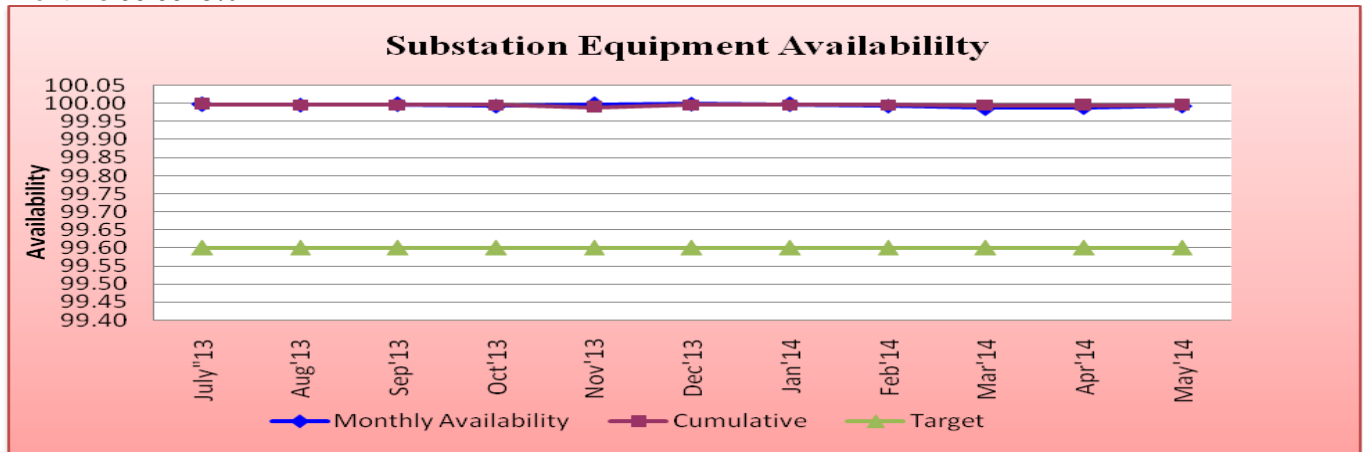
Maximum Generation, maximum Demand and maximum Load shed for the Current Month, Previous Month and Current FY are shown below:

Description	April'14		May'14		FY 13-14 (Up to May'14)	
	MW	Date	MW	Date	MW	Date
Maximum Generation	7176	15.04.14	6844	22.05.14	7358	30.03.14
Maximum demand	7350	27.04.14	7050	22.05.14	7358	30.03.14
Maximum load shed.	549	24.04.14	551	18.05.14	932	23.10.13

B) Key Performance Indicators of PGCB

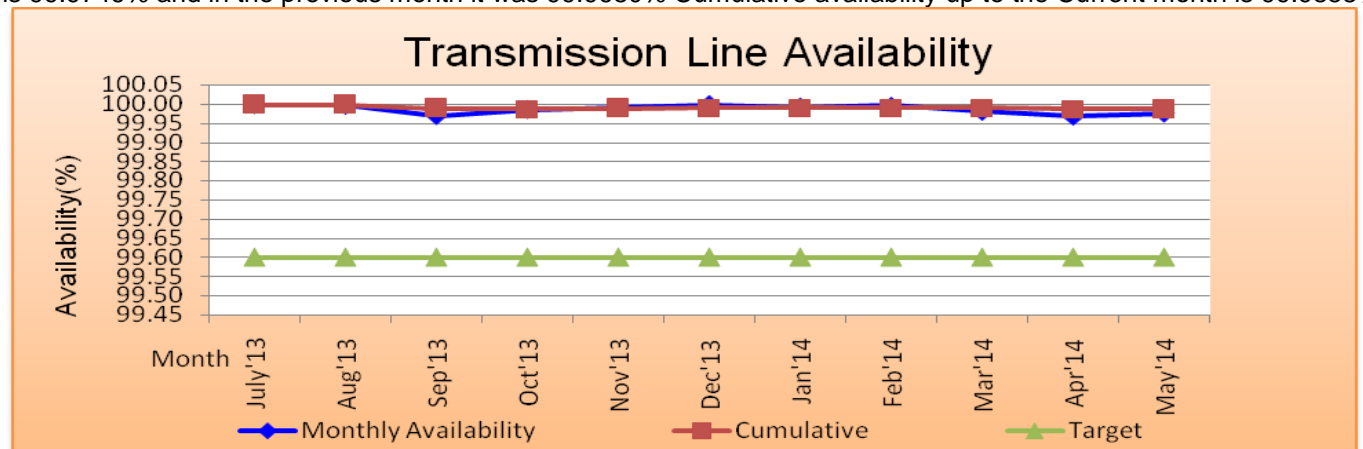
1) Substation Equipment Availability:

In the current month, Substation equipment availability is slightly increased from the previous month. In the Current month it is 99.9932% and in the previous month it was 99.9890% Cumulative availability up to the current month is 99.9948%.



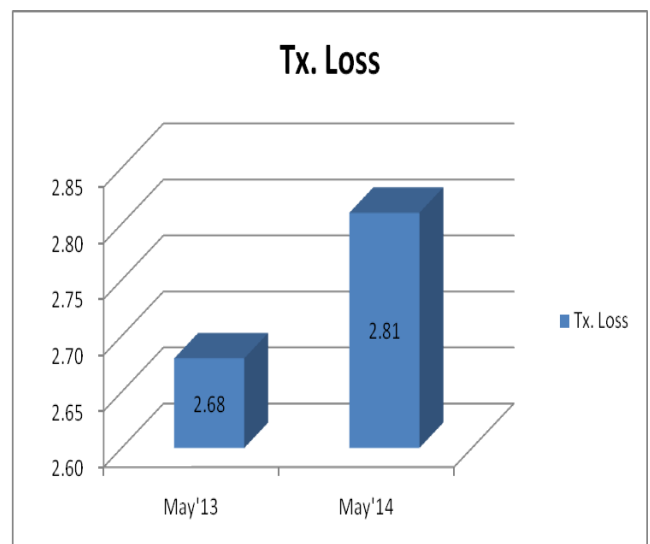
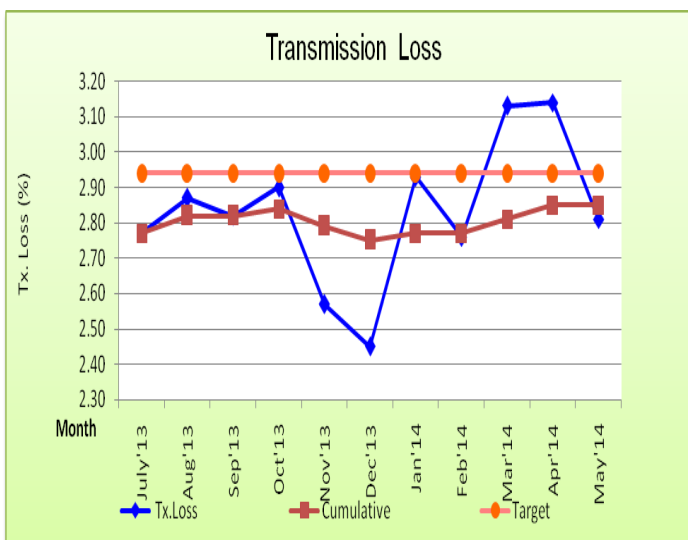
2) Transmission line Availability:

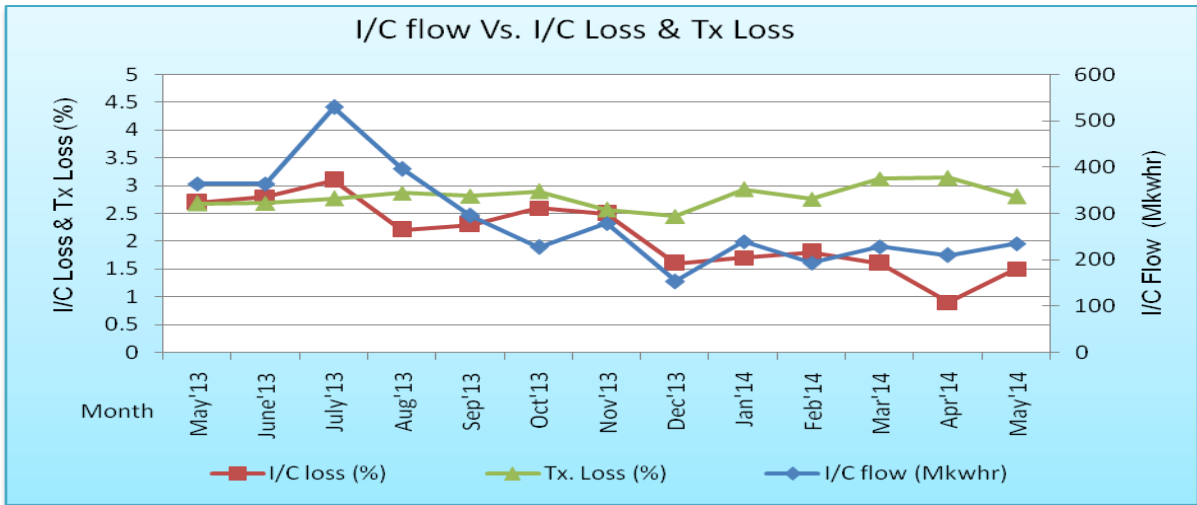
Transmission line availability in the current month is increased from the previous month. In the Current month it is 99.9746% and in the previous month it was 99.9680% Cumulative availability up to the Current month is 99.9858%.



3) Transmission loss:

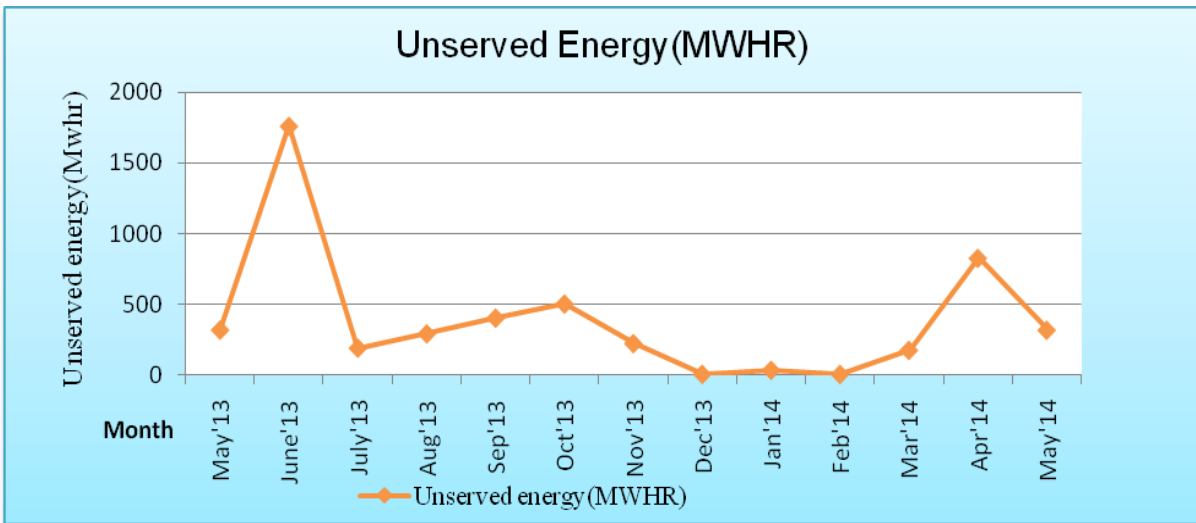
Transmission loss in the current month is decreased from the previous month. In the current month it is 2.80 and in The Previous month it was 2.84% Cumulative loss is 2.82%. Graphical presentation of Month wise & Cumulative Transmission loss, Monthly Tx. Loss compare between two FY, I/C flow Vs. I/C loss and Tx. Loss are shown below;





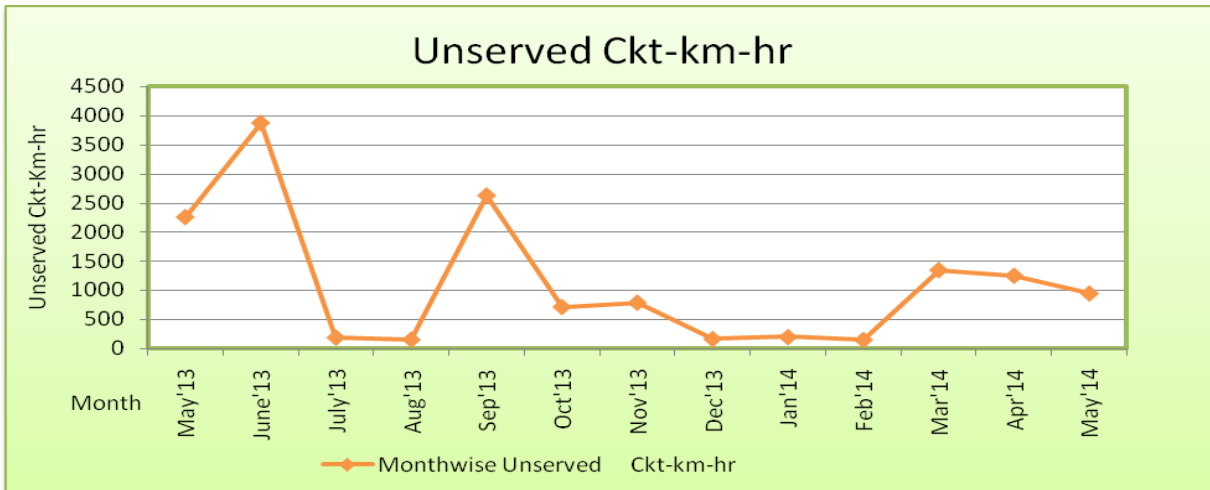
4) Unserved energy:

The amount of Unserved energy in the current month is decreased from the previous month. In the current month it is 317.12 Mwhr and in the previous month it was 826.78 Mwhr.



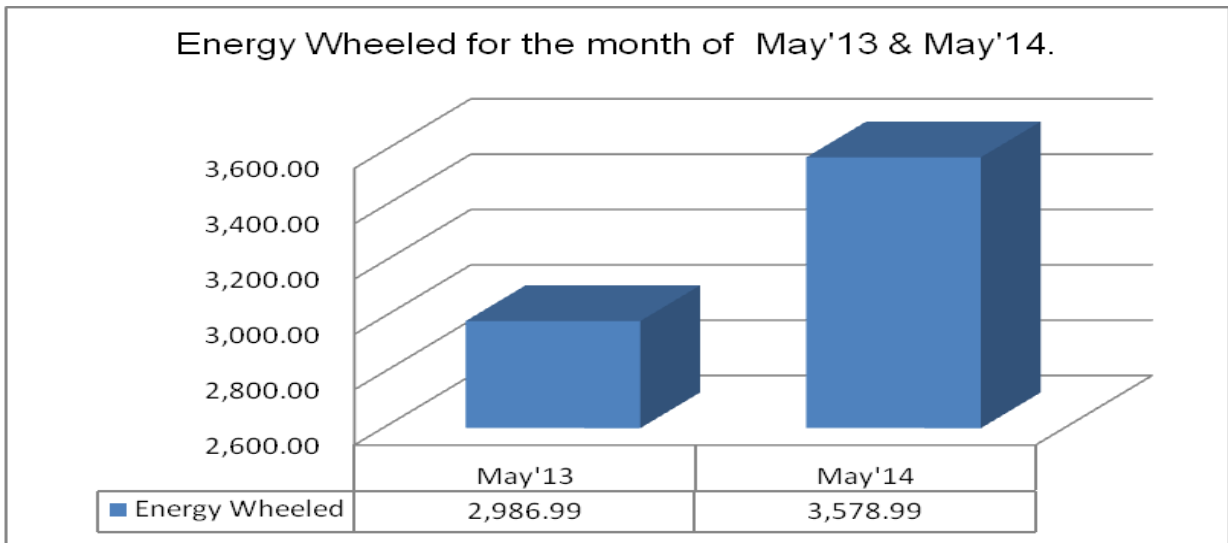
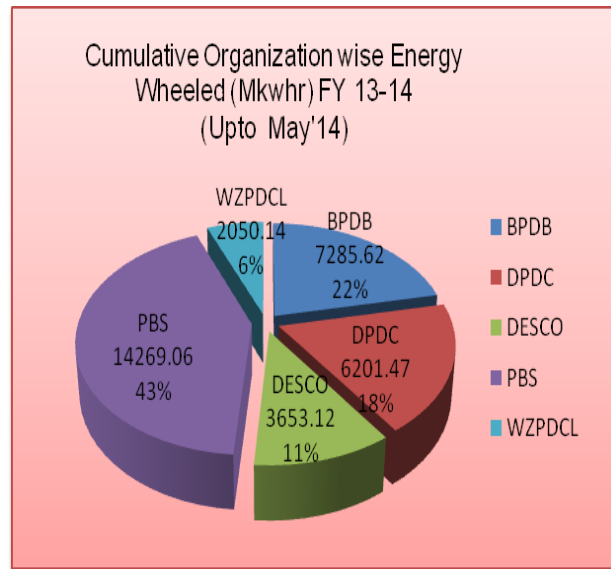
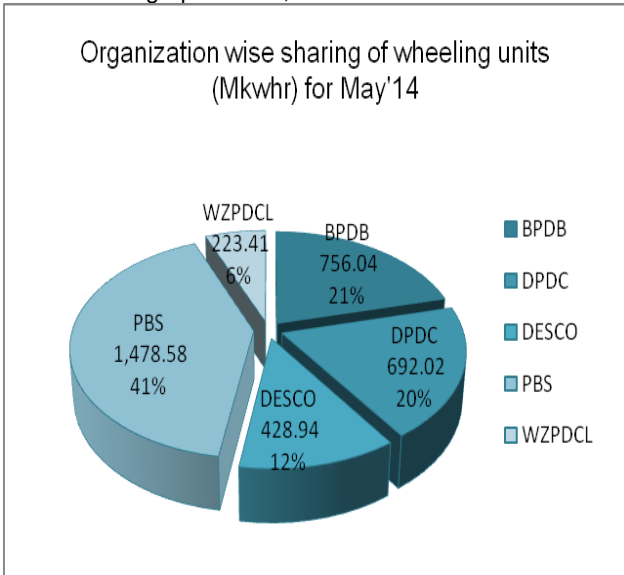
5) Unserved Ckt-Km-hr:

The amount of unserved Ckt-Km-hr in the current month is decreased from the previous month. In the current month it is 945.38 Ckt-Km-hr and in the previous month it was 1252.03 Ckt -Km-hr.

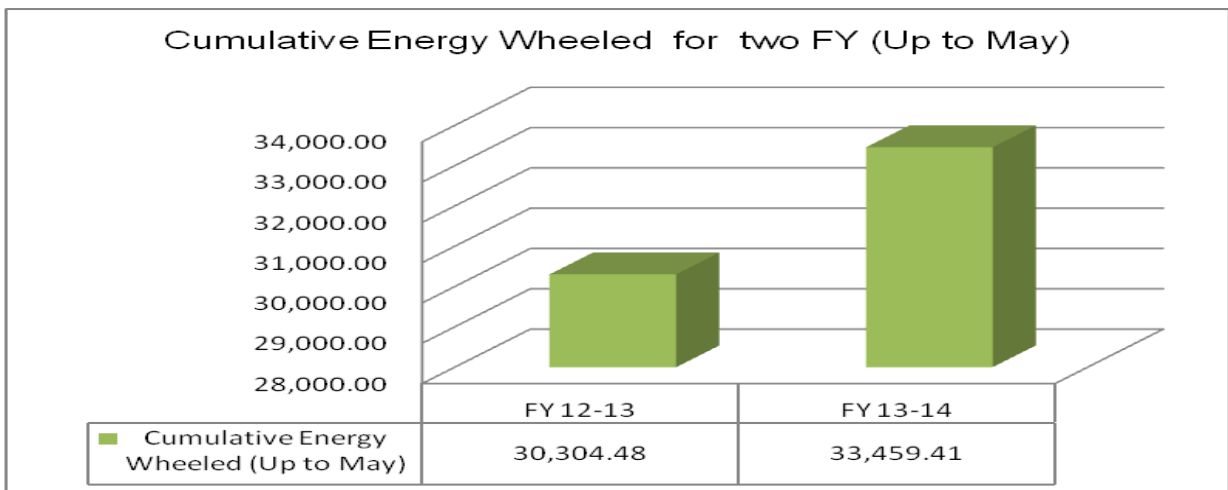


6) Organization wise Energy wheeled:

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 **3,578.994** Mkw.hr. and in the previous month it was **3,676.548** 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 ;

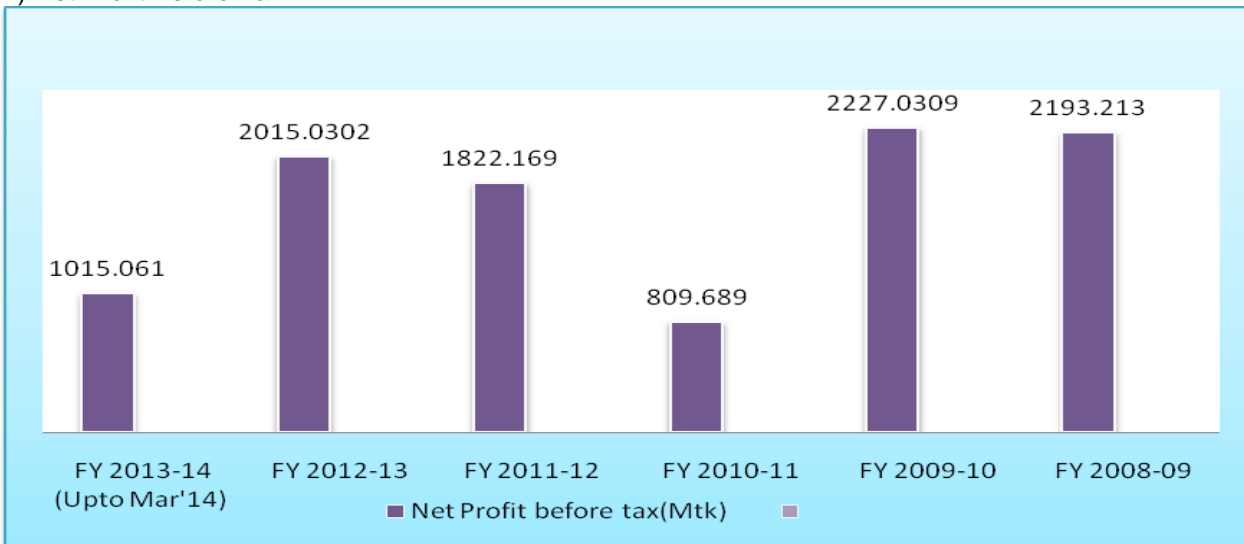


Energy Wheeled increased 19.82 %.



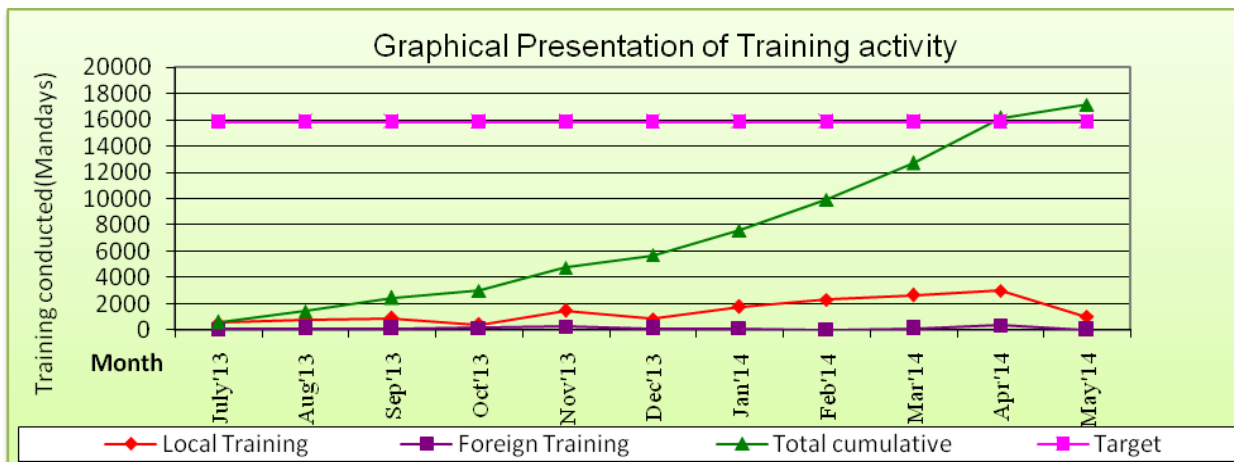
Cumulative Energy Wheeled increased 10.41 %.

7) Net Profit Before Tax:



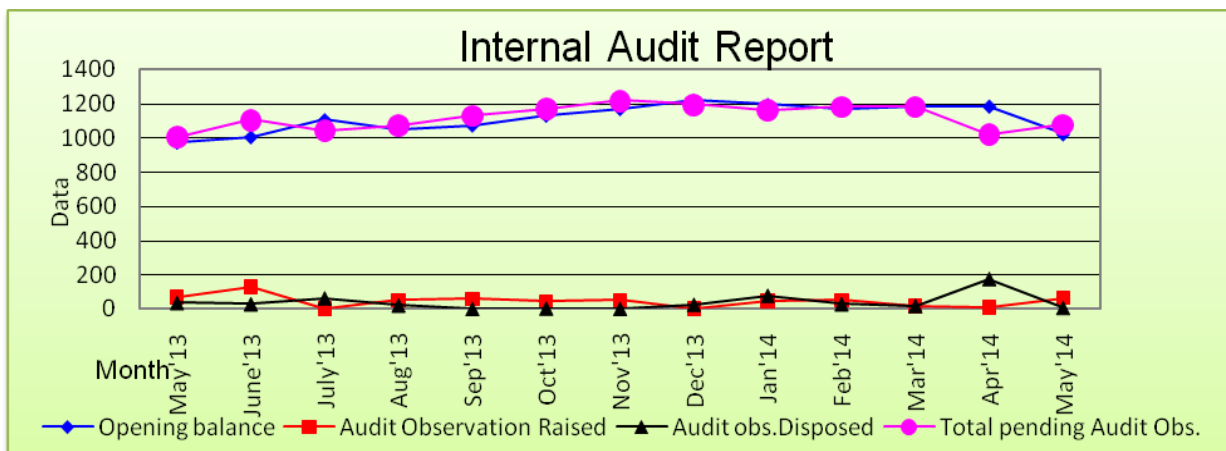
8) Training:

1015 Man days Local training and 16 Man days foreign trainings are conducted in the current month. So, up to **Current month** total cumulative is 17,143 Mandays and target 15847.50 Man days.



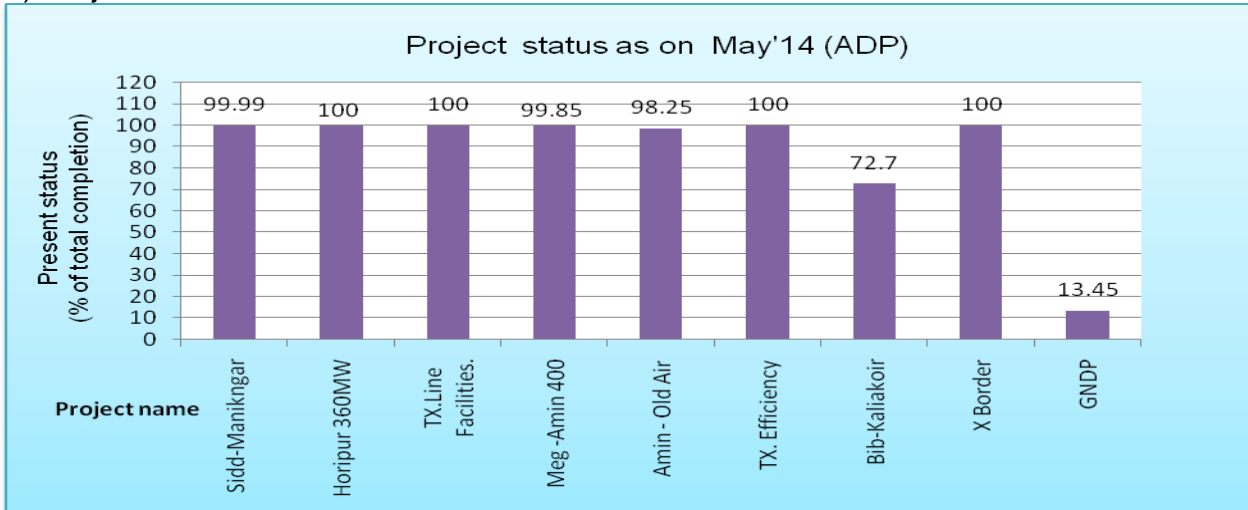
9) Internal Audit:

In the current month opening balance of Internal audit observation is 1022, number of new audit observation raised is 63, number of audit observation disposed is 6. Hence, up to reporting month, total number of pending audit observation is **1079**.

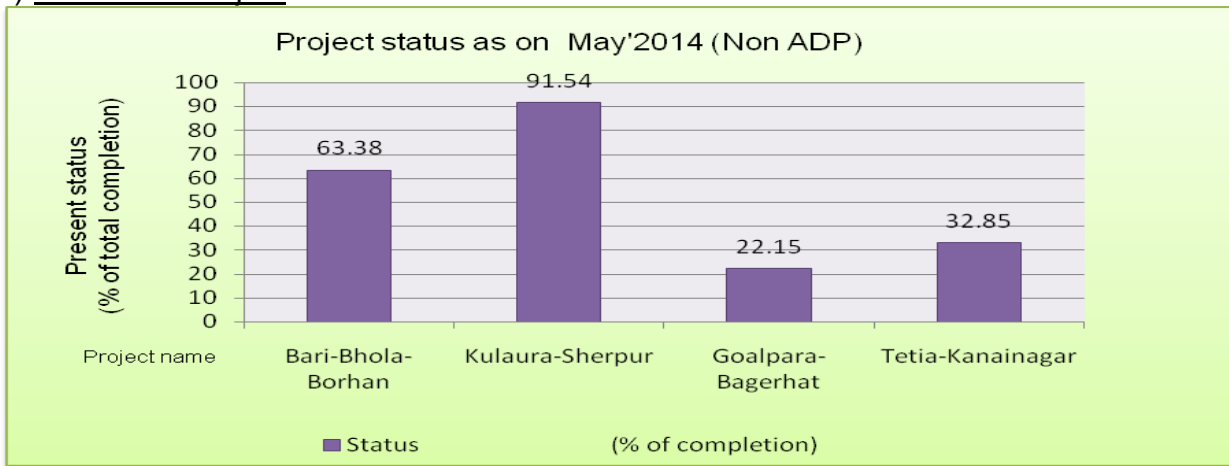


10) Project Status

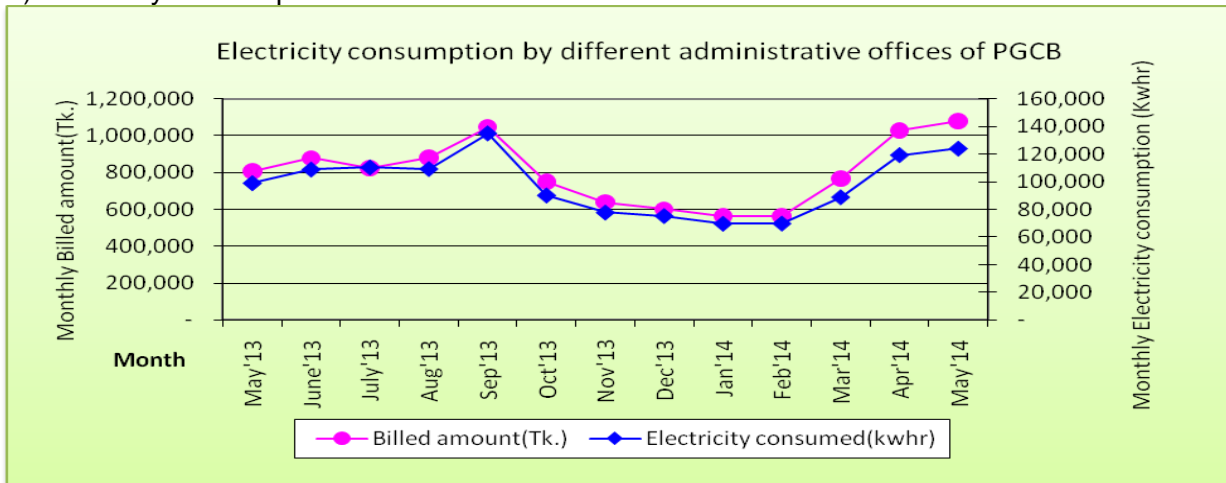
A) Project included in ADP



B) Non ADP Project

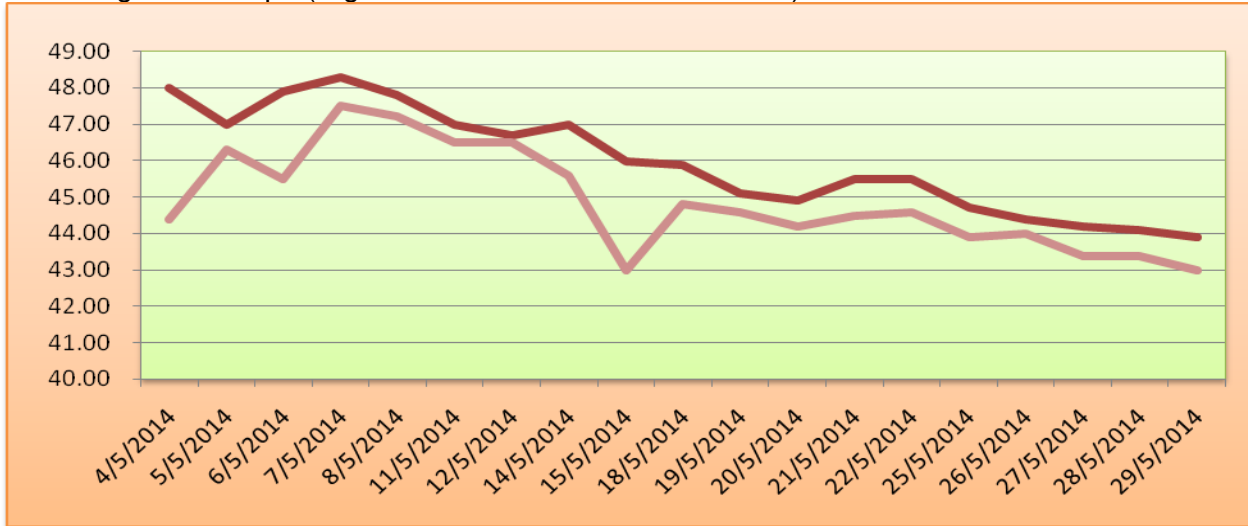


11) Electricity consumption:

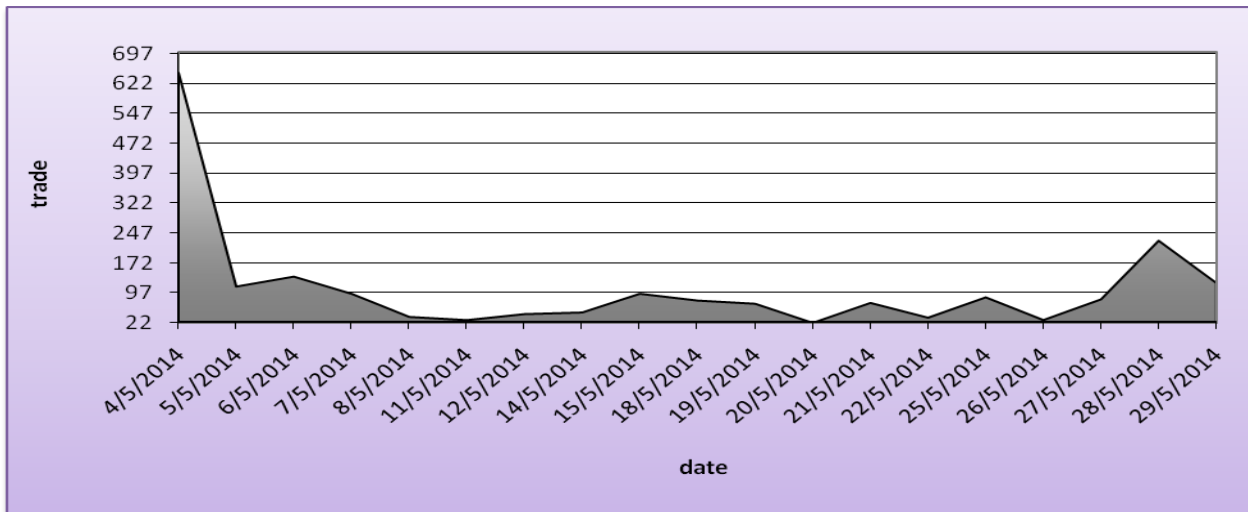


12) SHARE TRADINGS AT DSE:

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/

Date:

Copy for information:

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