

## EXECUTIVE SUMMARY

### April-2016

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

In the current month:

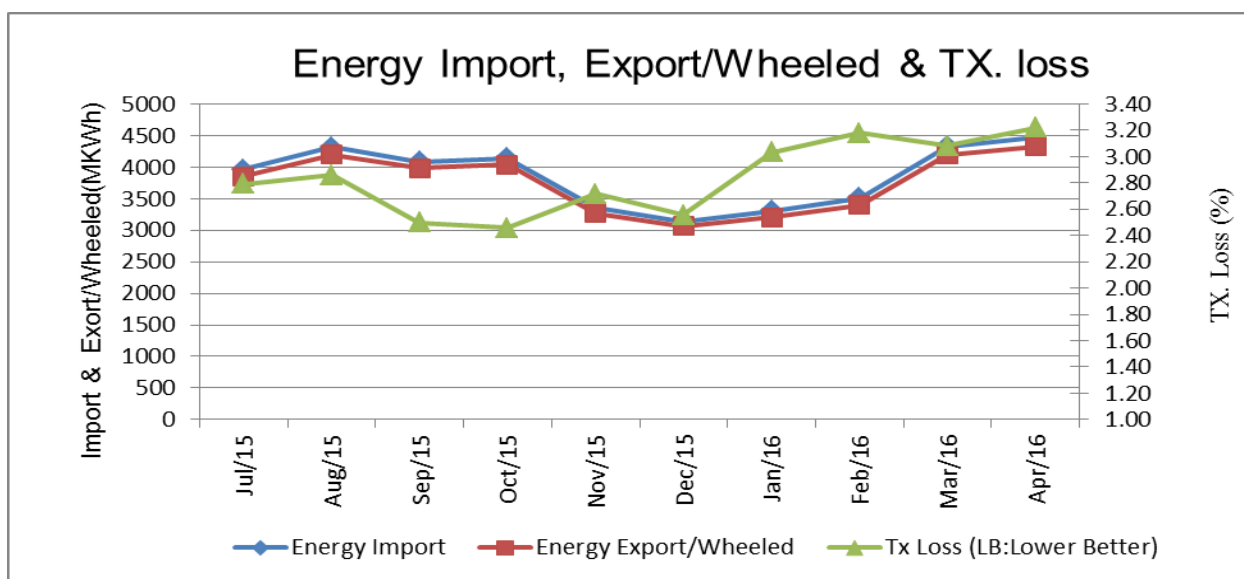
- Total energy imported by PGCB is **4,470.63** MKWh
- Total energy exported/wheeled by PGCB is **4,326.55** MKWh
- Transmission loss is **3.22%** and
- Cumulative loss is **2.84%**.

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

##### 1) Generation:

All kinds of electricity generation & imported energy are tabulated below;

| Month/FY             | BPDB              |                    |                 | Net Generation (MKWh) |          |                     | Total Net Generation (BPDB, IPP,RPP & Imported) (MKWh) | Total Net Non-Grid Generation (MKWh) | Total Input/ Import of PGCB (MKWh) |
|----------------------|-------------------|--------------------|-----------------|-----------------------|----------|---------------------|--|--------------------------------------|------------------------------------|
|                      | Gross Gen. (MKWh) | Station use (MKWh) | Net Gen. (MKWh) | IPP                   | RPP      | Imported from India |  |                                      |                                    |
|                      | 1                 | 2                  | 3=1-2           | 4                     | 5        | 6                   |  |                                      |                                    |
| FY 14-15             | 22163.30          | 1060.56            | 21102.74        | 8469.91               | 10785.23 | 3379.91             | 43,737.79  | 2537.378                             | 41,200.41                          |
| FY 15-16 (Up to Apr) | 19,219.07         | 914.55             | 18,304.52       | 11,030.8              | 8,214.39 | 3,071.57            | 40,621.26  | 1,988.81                             | 38,632.45                          |
| Apr-16               | 2001.57           | 98.16              | 1903.41         | 1324.1                | 1109.36  | 356.88              | 4,693.75   | 223.12                               | 4,470.63                           |
| Apr-15               | 1851.28           | 96.83              | 1754.45         | 839.73                | 716.62   | 309.84              | 3,620.64   | 145.465                              | 3,475.18                           |
| Mar-16               | 1991.46           | 100.23             | 1891.23         | 1291.28               | 998.43   | 365.04              | 4,545.98   | 216.42                               | 4,329.56                           |

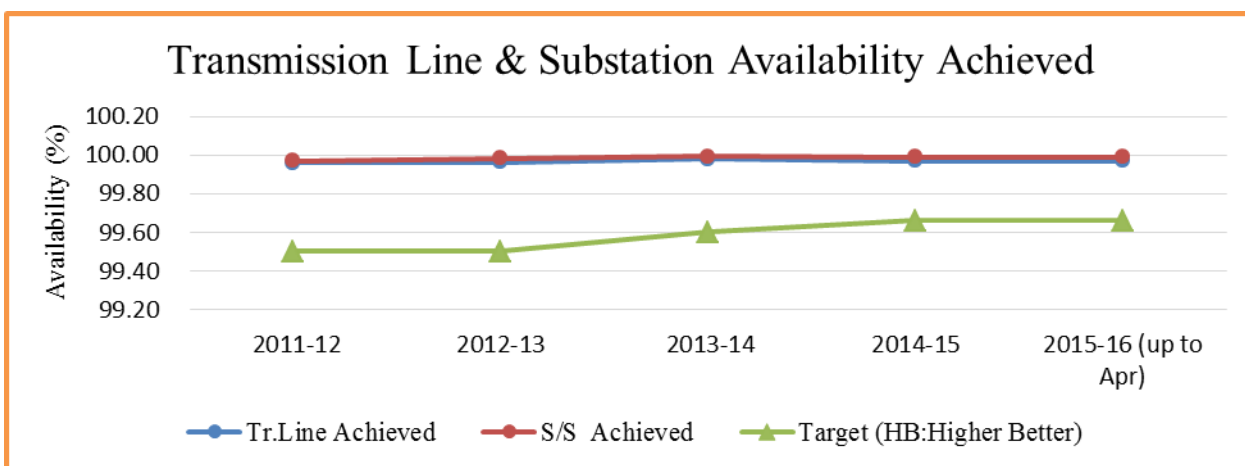
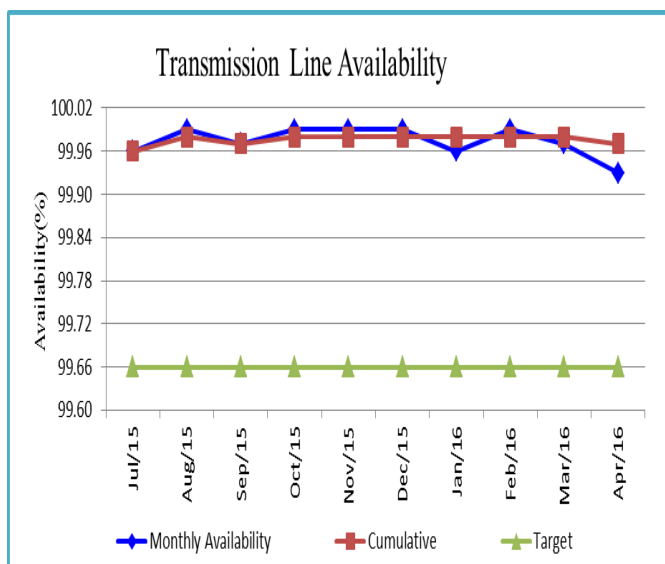
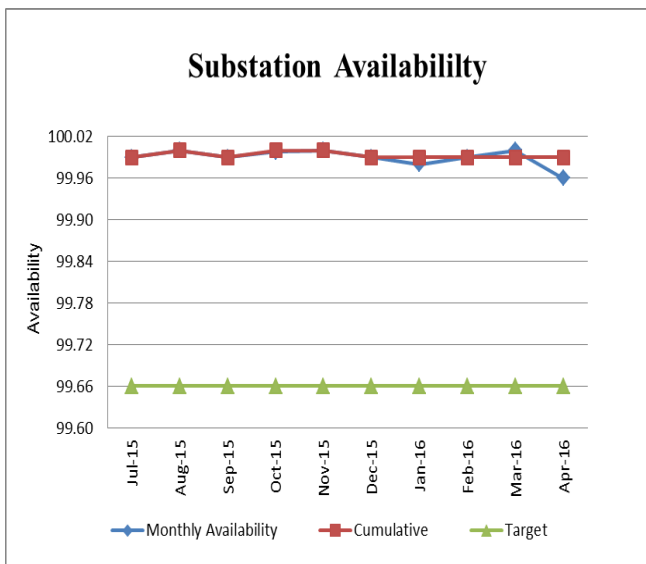


#### 2) Maximum Generation, Demand and Load shedding;

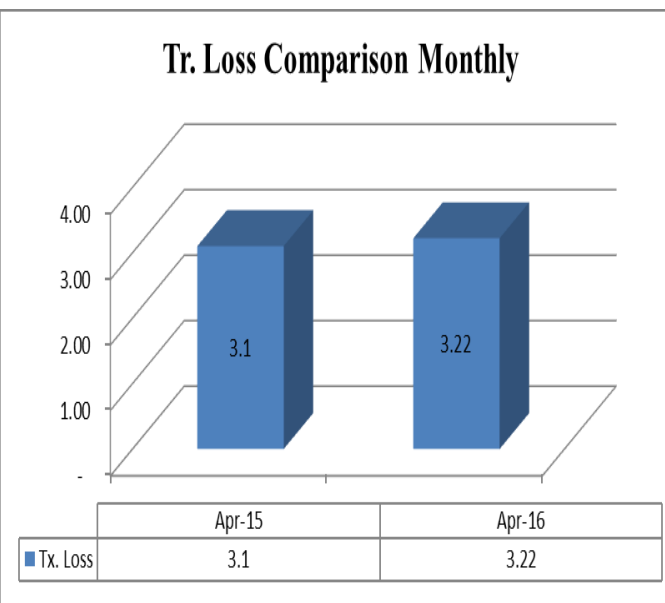
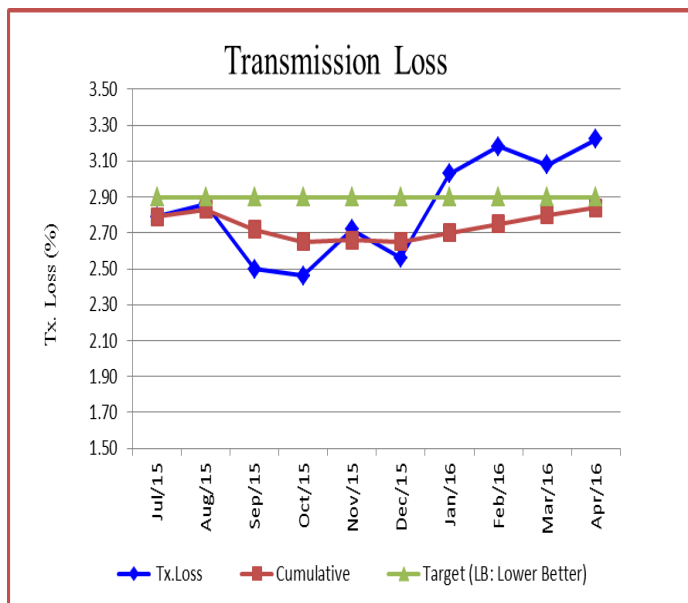
| Description        | Mar-16   |      | April-16 |      | FY 2015-16 (up to current Month) |      |
|--------------------|----------|------|----------|------|----------------------------------|------|
|                    | Date     | MW   | Date     | MW   | Date                             | MW   |
| Maximum Generation | 27.03.16 | 8080 | 10.04.16 | 8380 | 10.04.16                         | 8380 |
| Maximum demand     | 27.03.16 | 8080 | 30.04.16 | 8400 | 30.04.16                         | 8400 |
| Maximum load shed. | 15.03.16 | 348  | 30.04.16 | 904  | 30.04.16                         | 904  |

**B) KEY PERFORMANCE INDICATORS:**

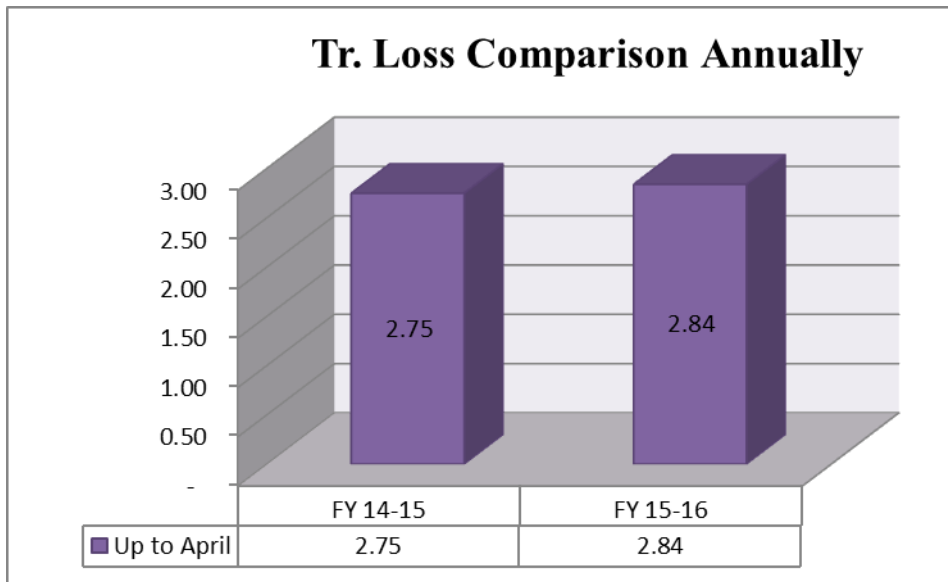
**1) Substation Equipment Availability & Transmission Line Availability:**



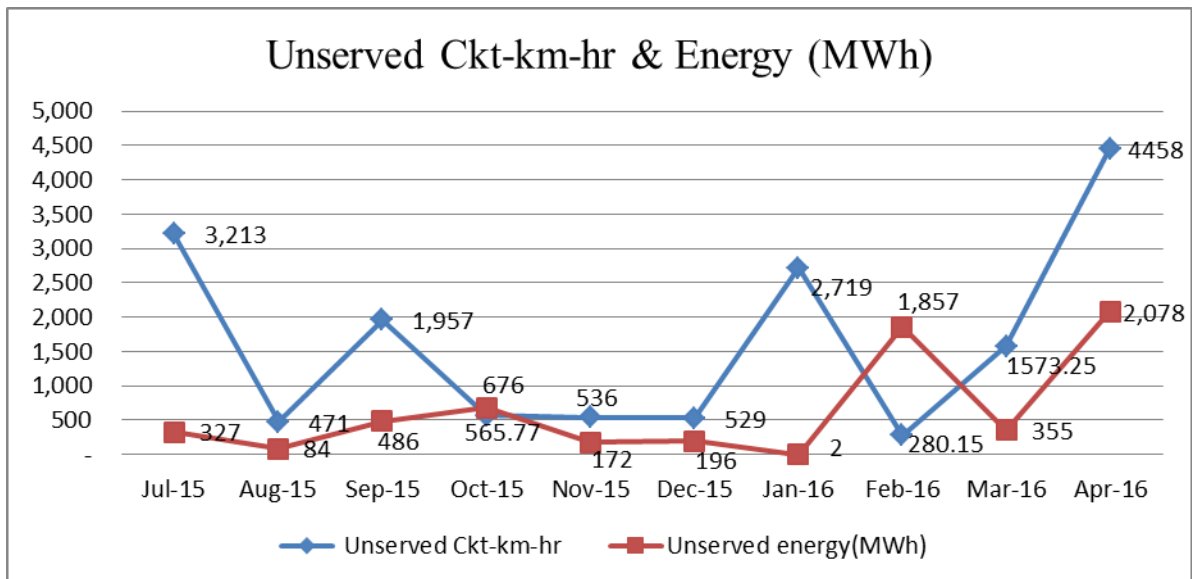
**2) Transmission Loss: Graphical presentation of Transmission Loss is shown below;**



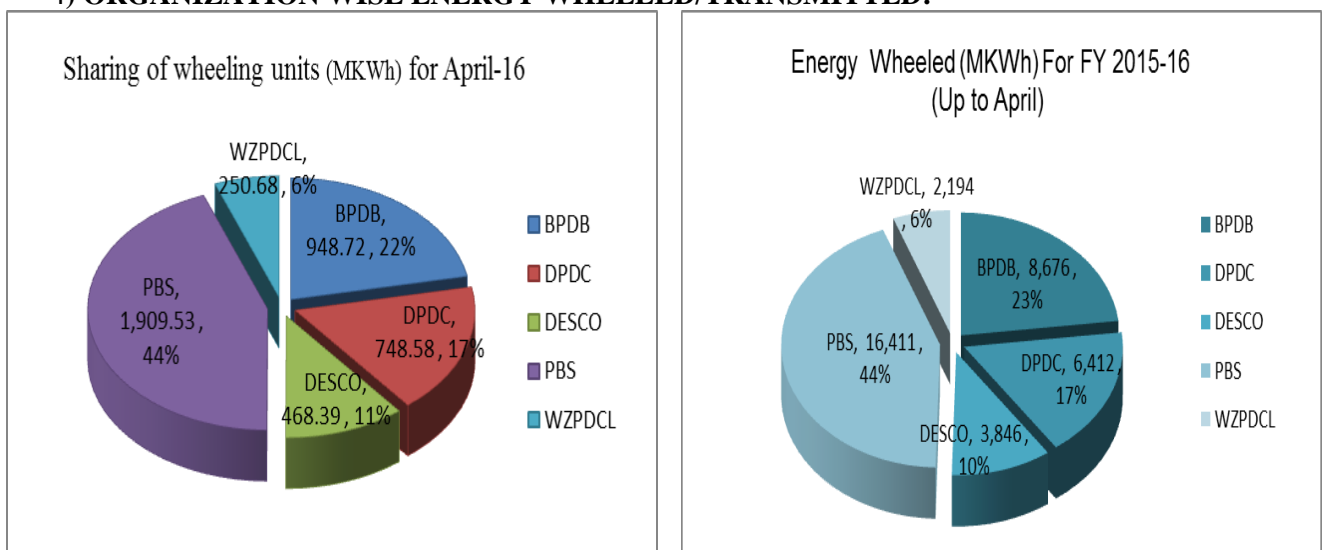
### Tr. Loss Comparison Annually



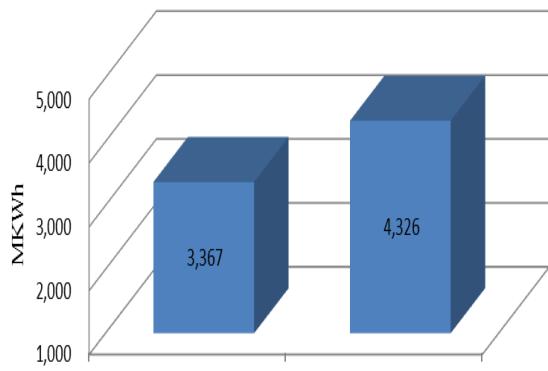
### 3) UNSERVED CKT-KM-HR & UNSERVED ENERGY:



### 4) ORGANIZATION WISE ENERGY WHEELED/TRANSMITTED:

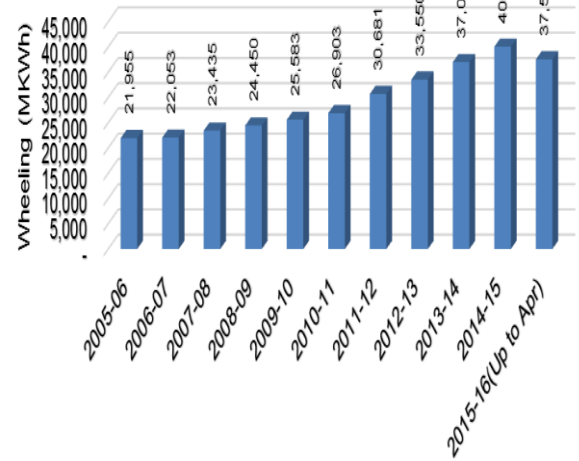


Energy Wheeled Comparison Monthly



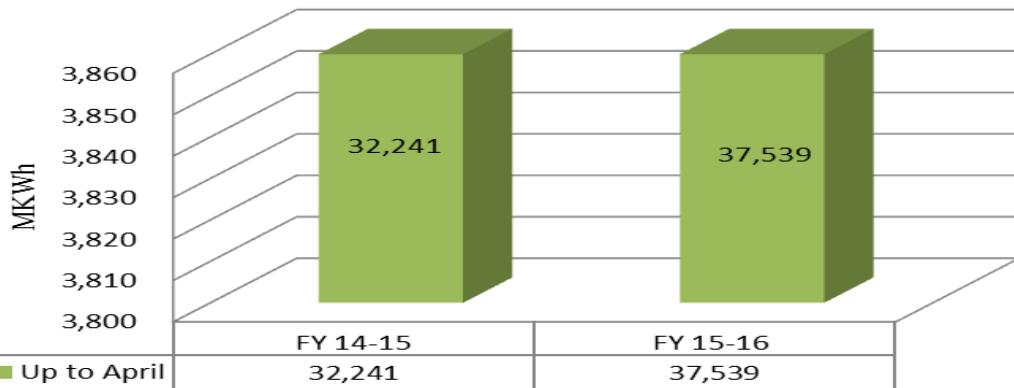
|        |       |
|--------|-------|
| Apr-15 | 3,367 |
| Apr-16 | 4,326 |

Energy Wheeled/Transmitted



Note: Energy Wheeled increased **28.48%** from this month last year.

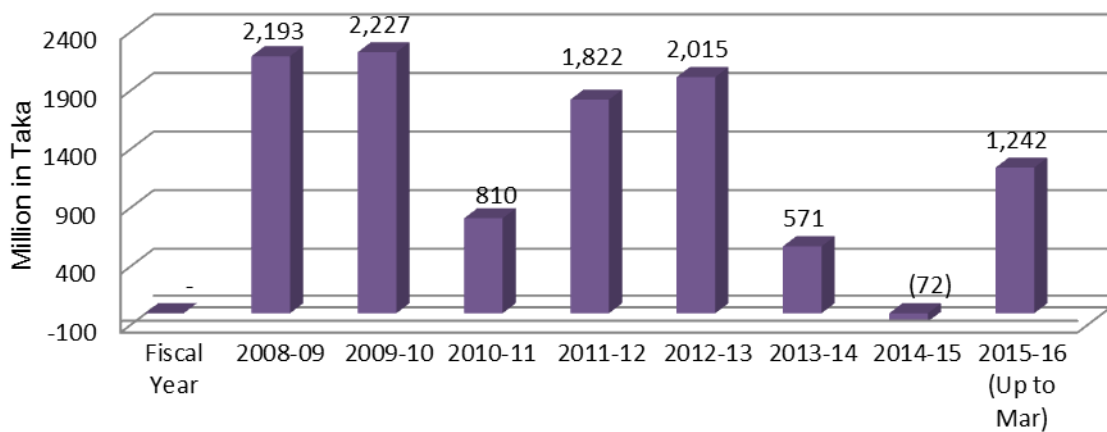
Energy Wheeled Comparison Annually



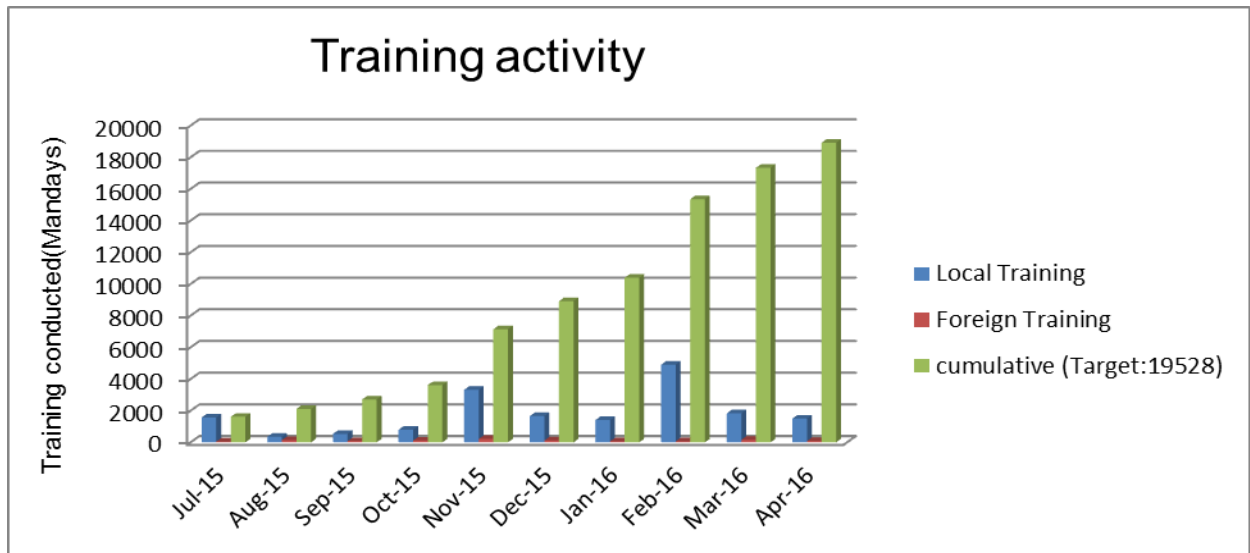
Note: Energy Wheeled increased **16.43%** from last FY.

5) NET PROFIT BEFORE TAX:

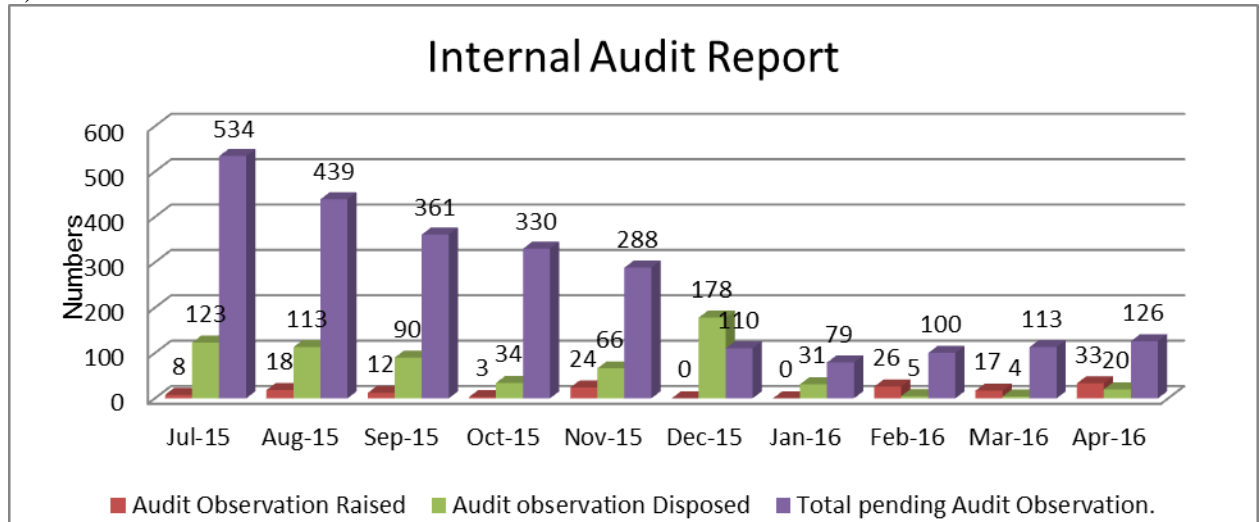
Profit Before Income Tax (MTk)



6) TRAINING:

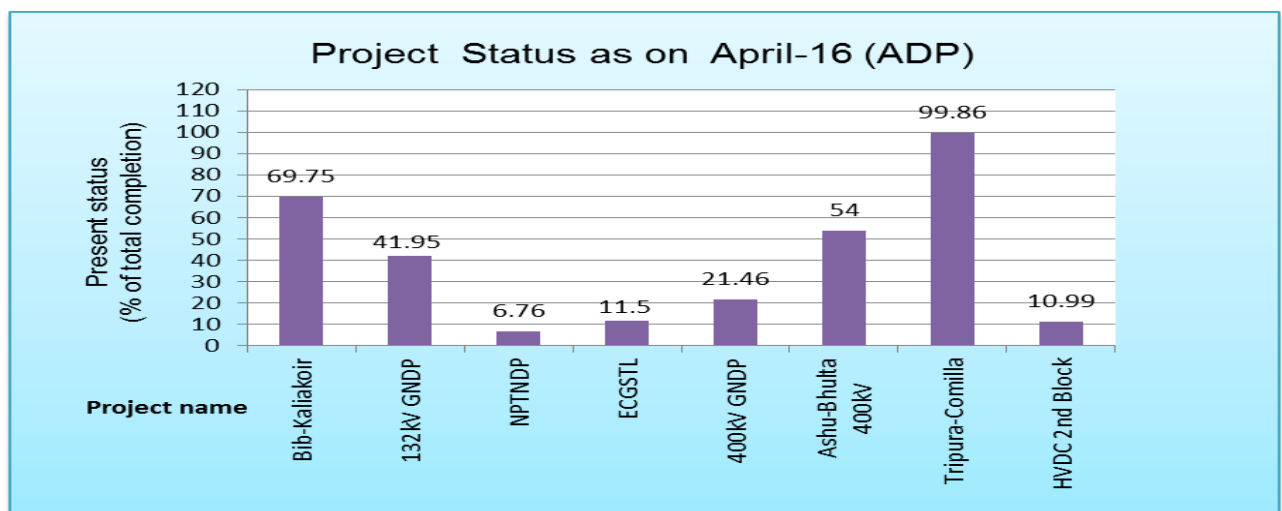


7) INTERNAL AUDIT:

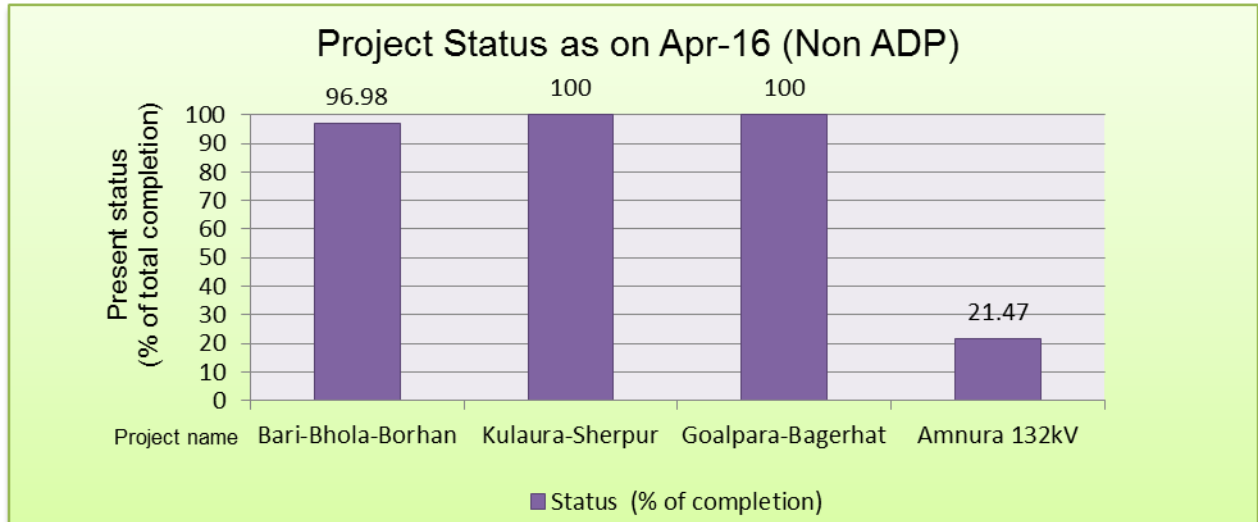


8) PROJECT STATUS:

A) ADP PROJECT:



B) NON ADP PROJECT:



9) Monthly Electricity Consumption:

