

## EXECUTIVE SUMMARY

February-2022

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

In the current month:

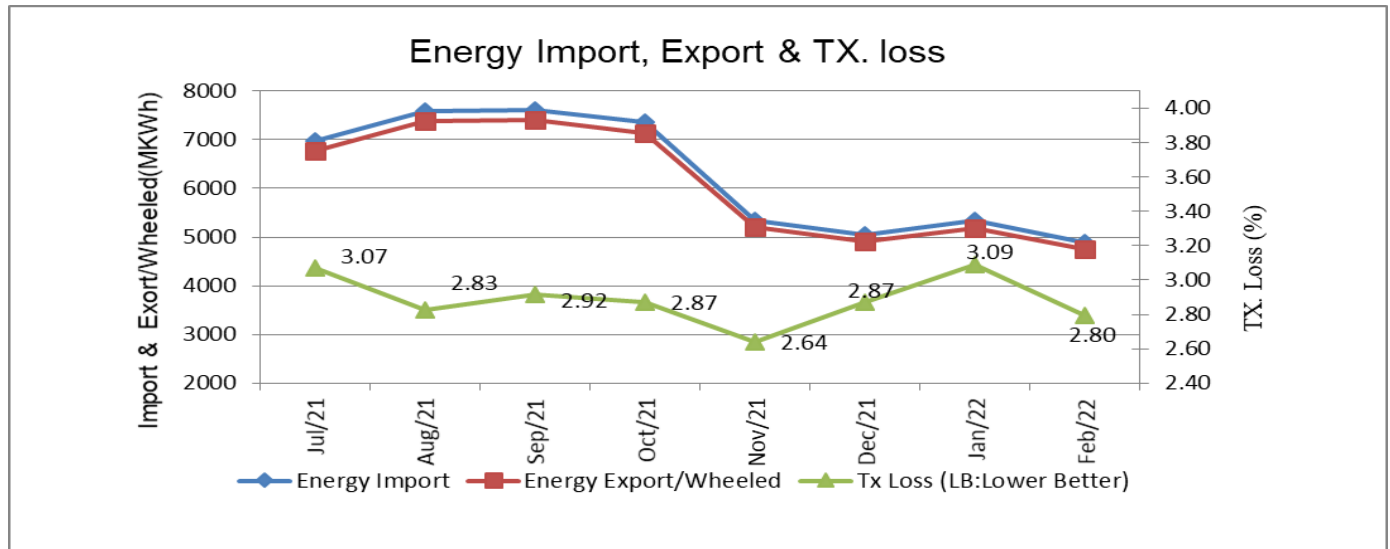
- Total energy imported by PGCB is 4878.68 MKWh
- Total energy exported by PGCB is 4742.31 MKWh
- Transmission loss is 2.80% and
- Cumulative loss is 2.89%.

### A) Generation, Demand and Load shedding

#### 1) Generation:

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

| Month/<br>FY          | BPDB Generation (MKWh) |             |                | Net Generation (MKWh) |           |          |                     |                    | Total Net Generation (BPDB, JV, IPP, RPP & Imported) (MKWh)<br>9=3+4+5+6+7+8 | Total Net Non-Grid Generation (MKWh) | Total Input/Import of PGCB (MKWh)<br>11=9-10 |
|-----------------------|------------------------|-------------|----------------|-----------------------|-----------|----------|---------------------|--------------------|------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------|
|                       | Gross Gen.             | Station use | Net Generation | Joint Venture         | IPP       | RPP      | Imported from India | Renewable & Others |                                                                              |                                      |                                              |
|                       | 1                      | 2           | 3=1-2          | 4                     | 5         | 6        | 7                   | 8                  |                                                                              |                                      |                                              |
| FY: 2020-21           | 33,489.67              | 1,573.88    | 31,915.79      | 3811.91               | 29,357.69 | 5,463.09 | 8,103.36            | 1.17               | 78,653.01                                                                    | 2,855.74                             | 75,797.27                                    |
| FY 21-22(Upto Feb'22) | 21,617.42              | 1,060.30    | 20,557.12      | 2,195.13              | 22,576.59 | 2,267.26 | 4,719.59            | 2.12               | 52,317.81                                                                    | 2,183.93                             | 50,133.88                                    |
| Feb-22                | 1909.18                | 93.14       | 1,816.04       | 221.66                | 2330.51   | 235.01   | 554.51              | 0.49               | 5,158.22                                                                     | 279.53                               | 4,878.69                                     |
| Feb-21                | 2,062.59               | 101.01      | 1,961.58       | 296.26                | 1,875.76  | 340.28   | 534.19              | 0.02               | 5,008.09                                                                     | 179.50                               | 4,828.59                                     |
| Jan-22                | 1867.43                | 90.99       | 1,776.44       | 236.20                | 2800.08   | 264.35   | 563.42              | 0.25               | 5,640.74                                                                     | 305.11                               | 5,335.63                                     |

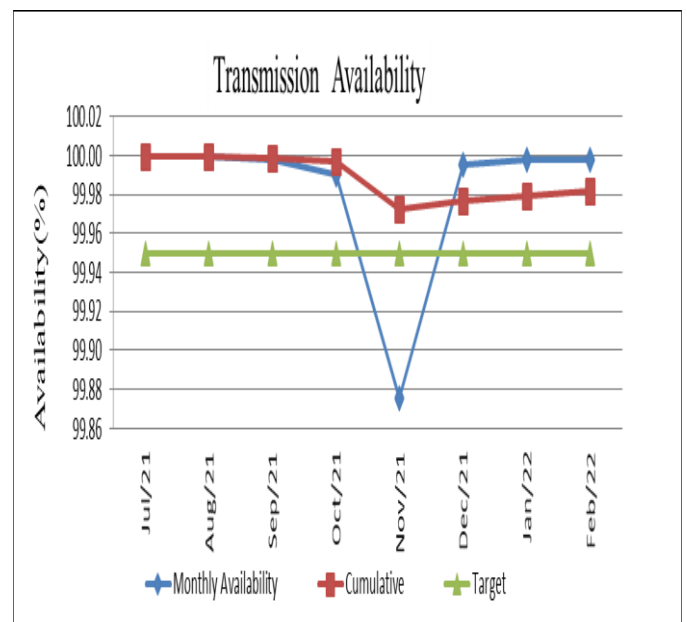
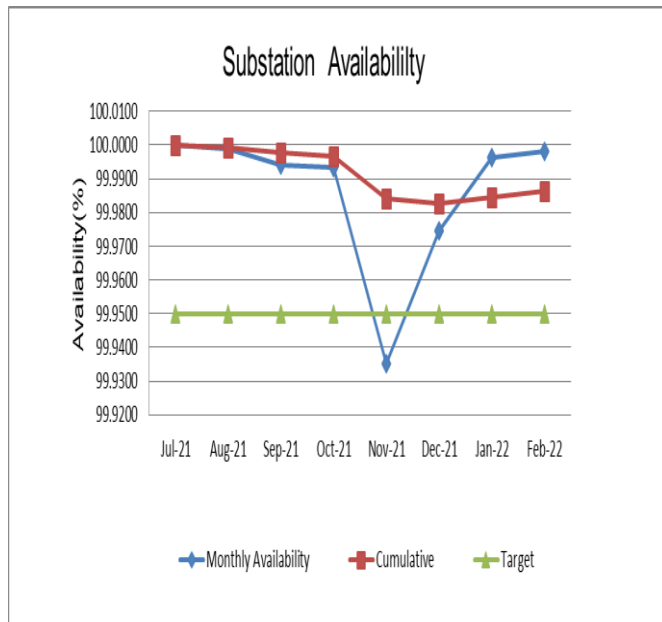


#### 2) Maximum Generation, Demand and Load shedding:

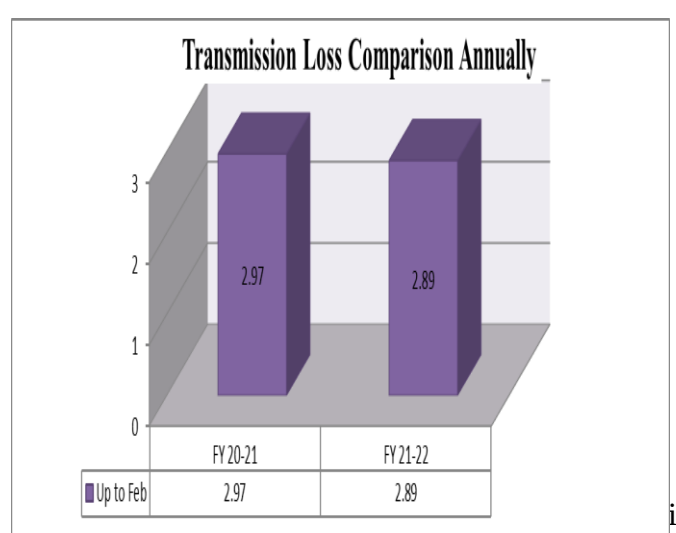
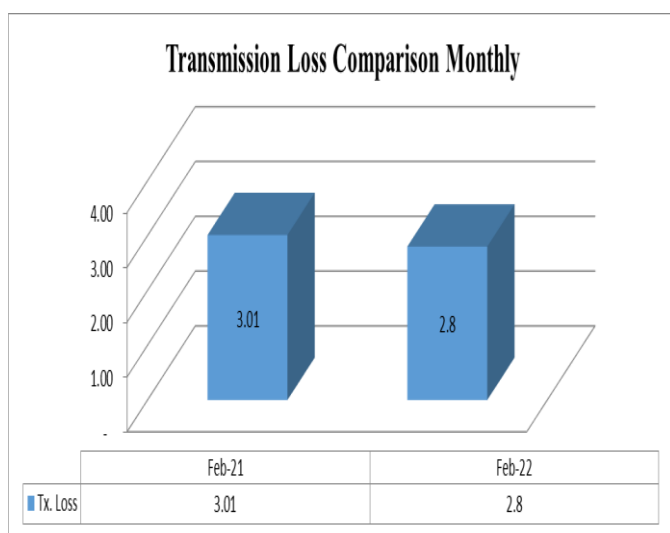
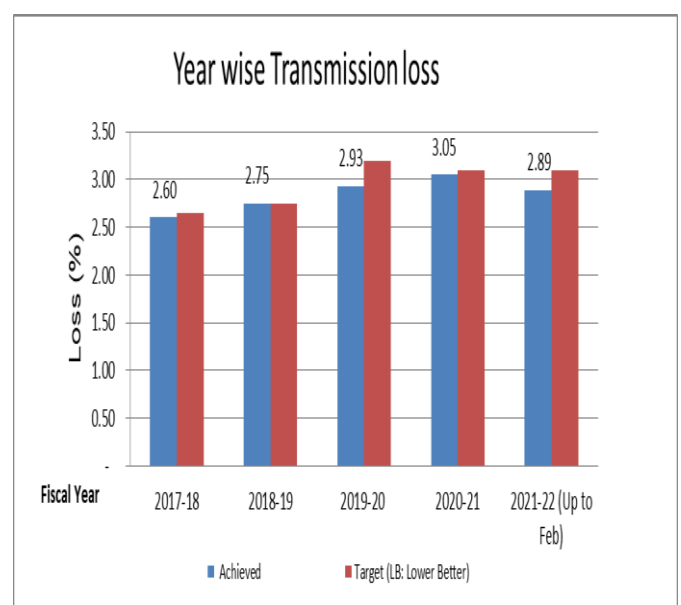
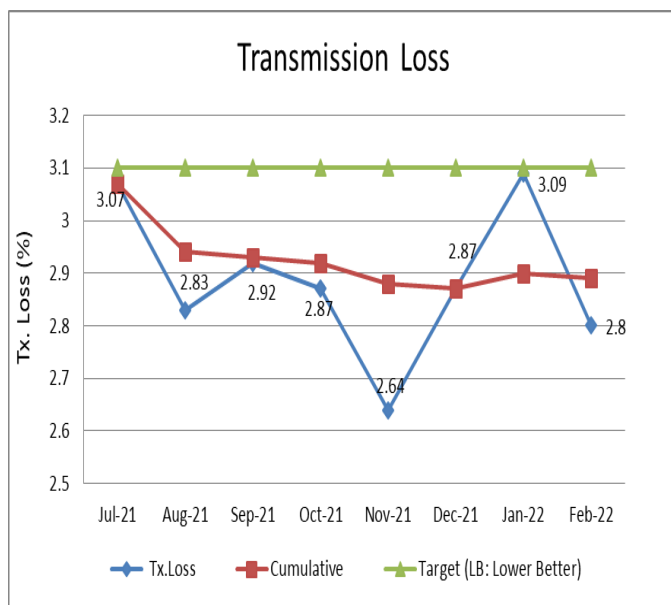
| Description           | January-22 |       | February-22 |       | FY 2021-22 (Up to Feb-22) |       |
|-----------------------|------------|-------|-------------|-------|---------------------------|-------|
|                       | Date       | MW    | Date        | MW    | Date                      | MW    |
| Maximum Generation    | 25.01.2022 | 10021 | 22.02.2022  | 10737 | 15.07.2021                | 13525 |
| Maximum demand        | 25.01.2022 | 9770  | 22.02.2022  | 10337 | 15.07.2021                | 13525 |
| Maximum load shedding | -          | -     | -           | -     | -                         | -     |

## B) KEY PERFORMANCE INDICATORS:

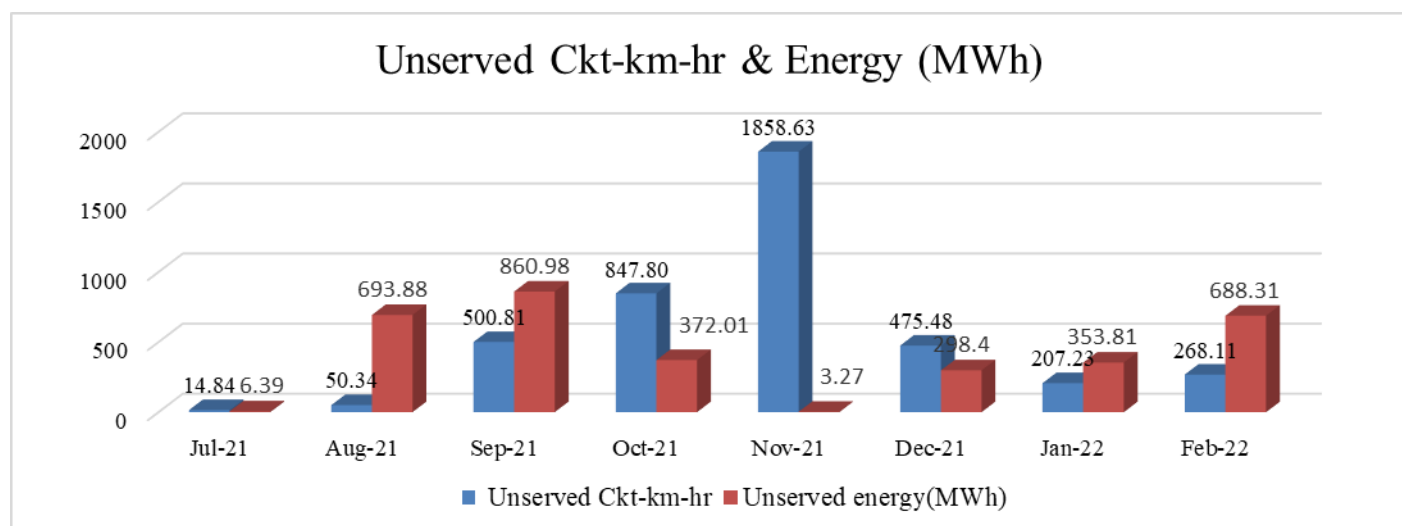
### 1) Substation Availability & Transmission Availability:



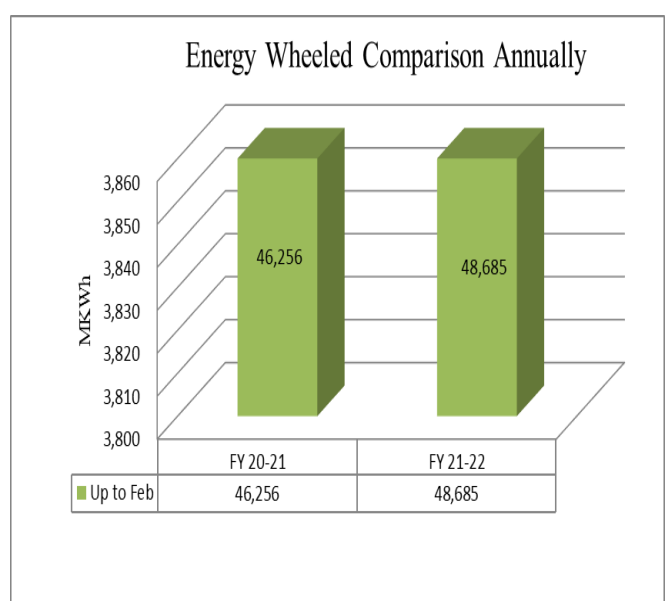
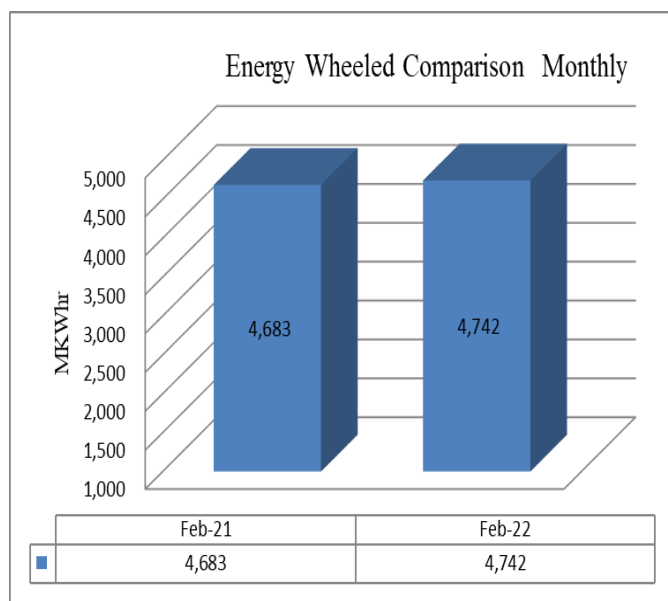
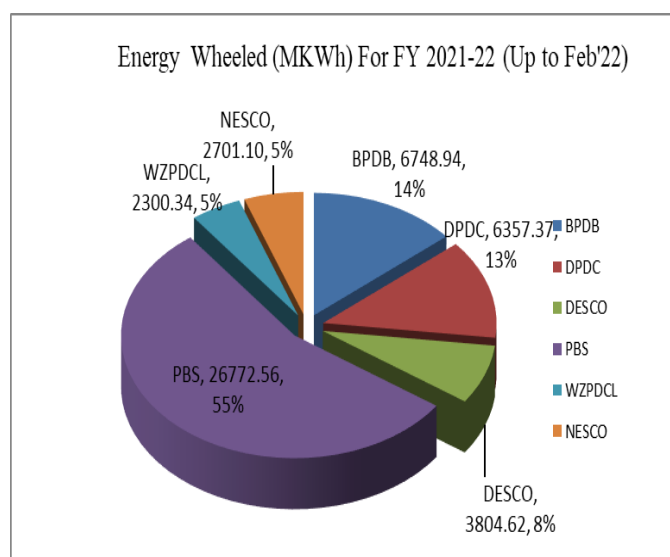
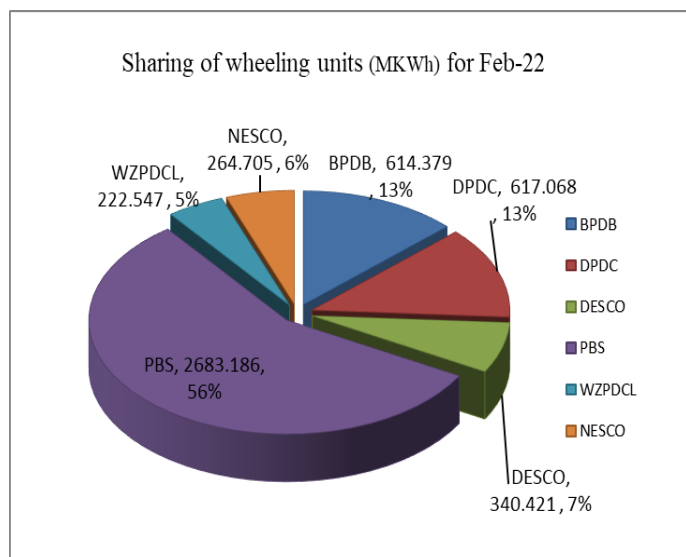
### 2) Graphical presentation of Transmission Loss is shown below:



### 3) UNSERVED CKT-Km-Hr & UNSERVED ENERGY (MWh):

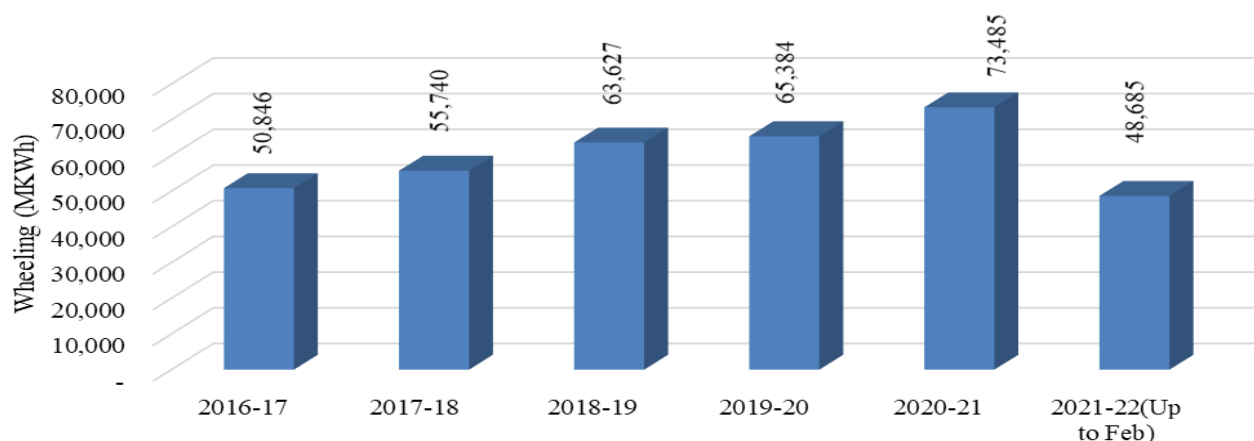


### 4) ORGANIZATION WISE ENERGY WHEELED/TRANSMITTED:



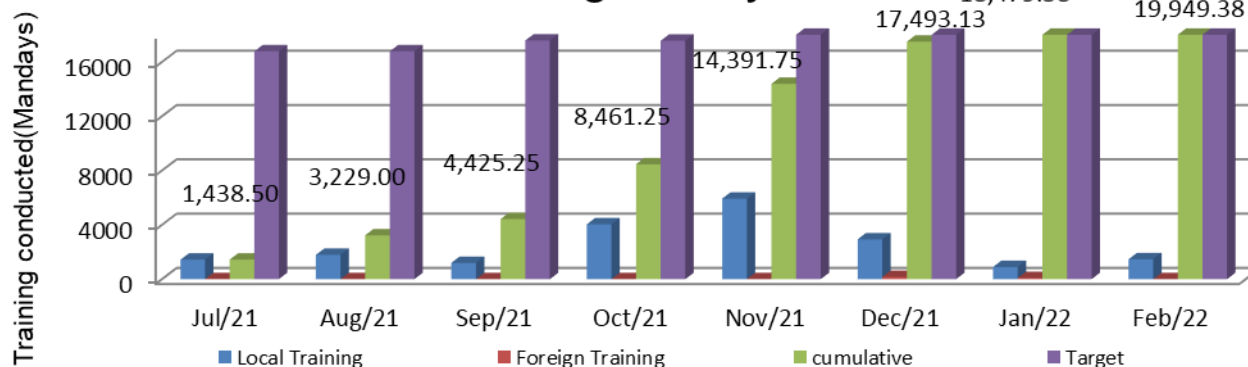
**Note:** Compared to the previous year, this year it has increased by 5.25% till February.

Yearly Energy Wheeled Transmitted to Distribution Agency



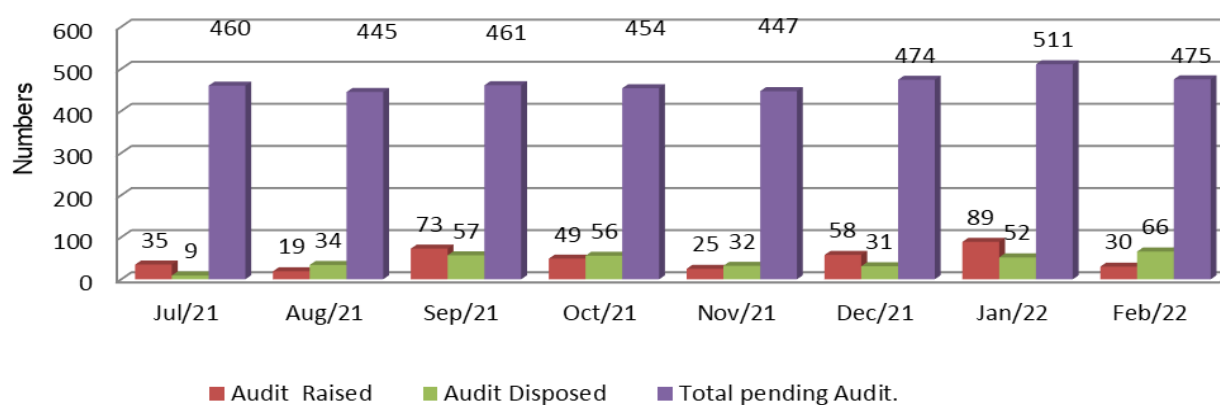
#### 5) TRAINING:

Training activity



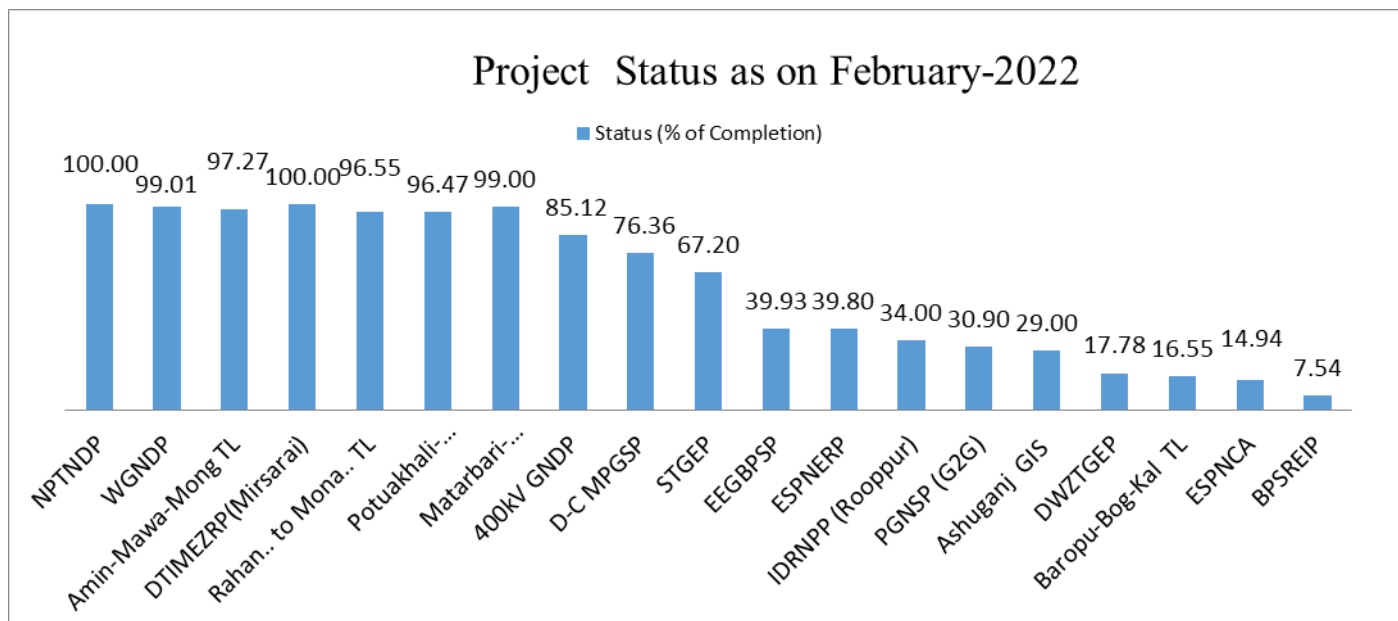
#### 6) INTERNAL AUDIT:

Internal Audit



## 7) PROJECT STATUS:

### A) ADP PROJECT:



## 8) ELECTRICITY CONSUMPTION:

