

## EXECUTIVE SUMMARY

January-2023

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

In the current month:

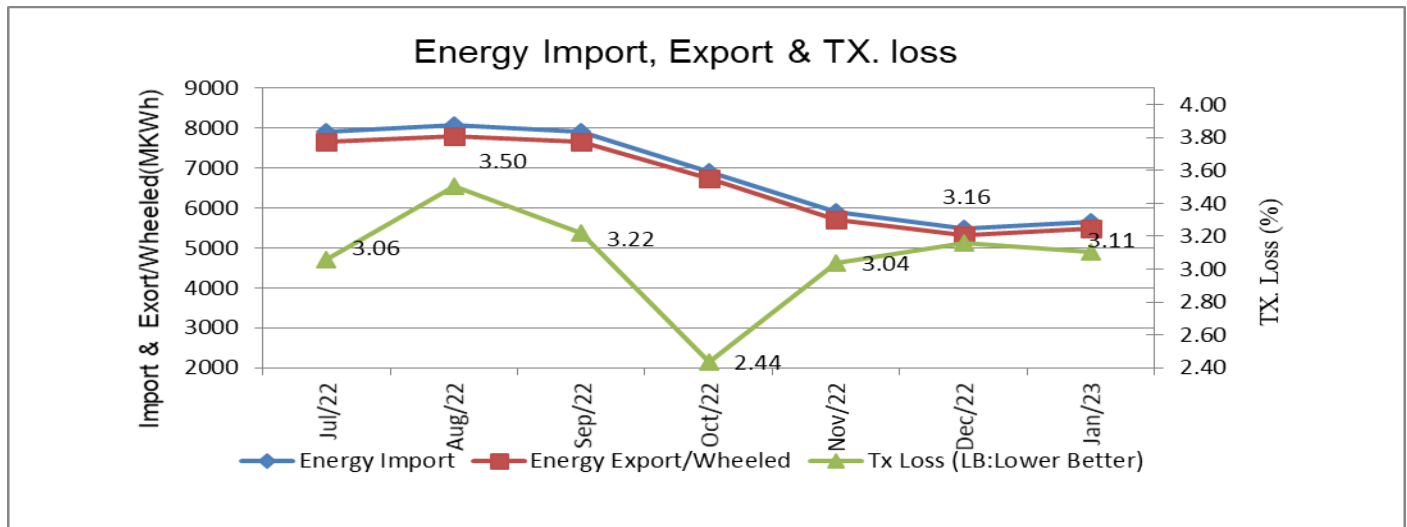
- Total energy imported by PGCB is 5649.10 MKWh
- Total energy exported by PGCB is 5473.54 MKWh
- Transmission loss is 3.11% and
- Cumulative loss is 3.08%.

### A) Generation, Demand and Load shedding

#### 1) Generation:

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

Month/ FY	BPDB Generation (MKWh)			Net Generation (MKWh)					Total Net Generation (BPDB, JV, IPP, RPP & Imported) (MKWh) 9=3+4+5+6+7+8	Total Net Non-Grid Generation (MKWh) 10	Total Input/Import of PGCB (MKWh) 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: 2021-22	33,663.81	1,617.22	32,046.59	3998.27	36,294.50	3,876.32	7,712.05	3.66	83,931.39	3,541.80	83,931.39
FY 22-23 (Upto Jan'23)	21,141.27	977.23	20,164.04	4,133.92	18,245.81	2,067.87	5,149.50	2.85	49,764.0	1,949.43	47,814.56
Jan'23	2,474.68	114.99	2,359.69	637.94	1,917.31	261.93	678.930	0.27	5,856.07	206.97	5,649.10
Jan'22	1,867.43	90.99	1,776.44	236.2	2,800.08	264.35	563.42	0.25	5,640.74	305.11	5,335.63
Dec'22	2517.13	117.71	2,399.42	491.98	1,856.44	283.41	684.94	0.23	5,716.42	231.96	5,484.46

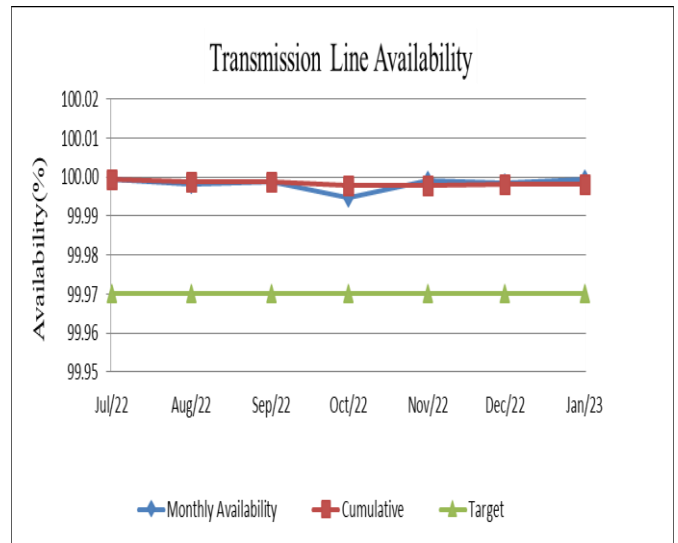
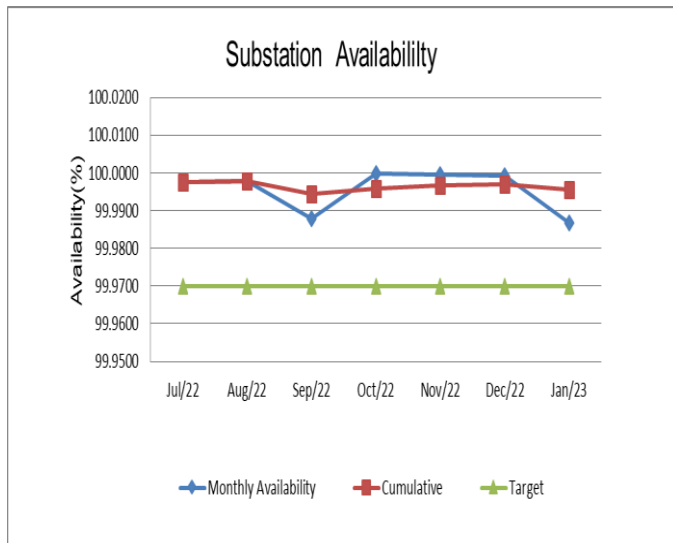


#### 2) Maximum Generation and Demand:

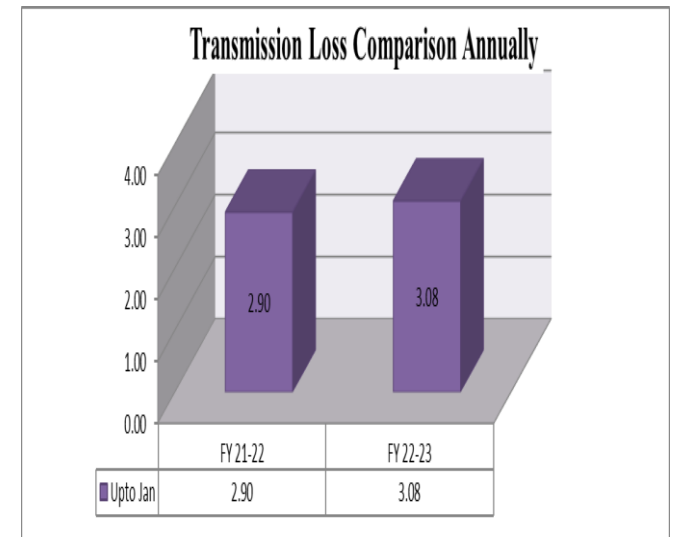
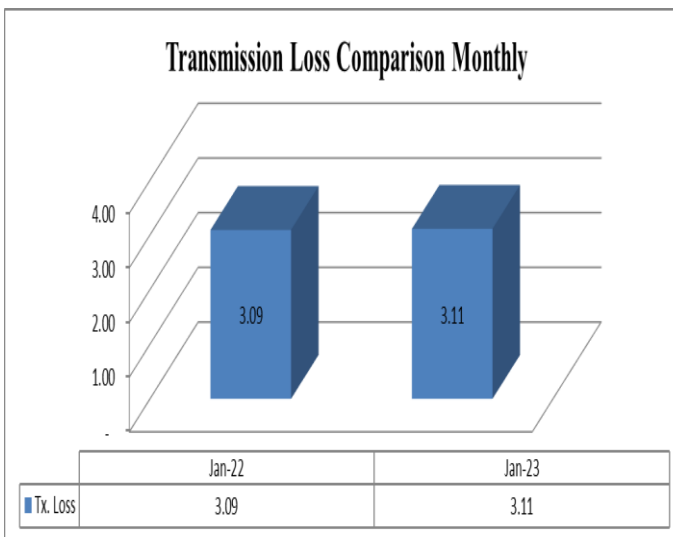
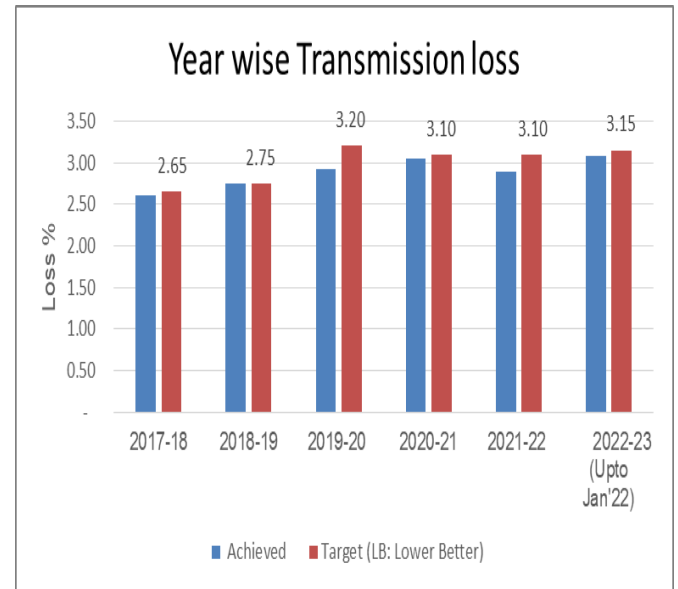
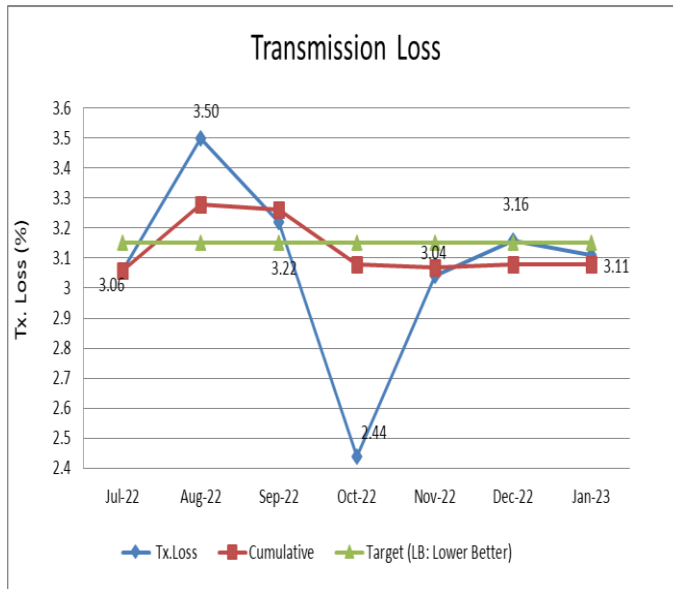
Description	December-22		January-23		FY 2022-23 (Upto Jan'23)	
	Date	MW	Date	MW	Date	MW
Maximum Generation	01.12.2022	10346	30.01.2023	10330	25.08.2022	13985
Maximum demand	01.12.2022	10110	30.01.2023	10239	01.09.2022	14027

## B) KEY PERFORMANCE INDICATORS:

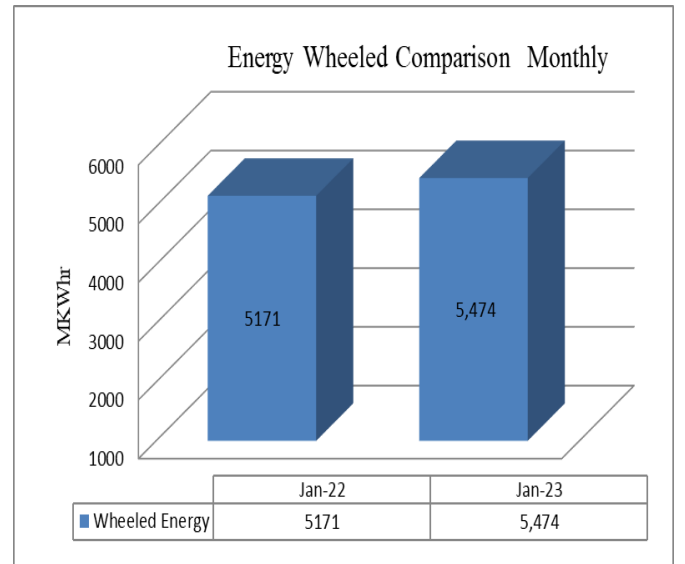
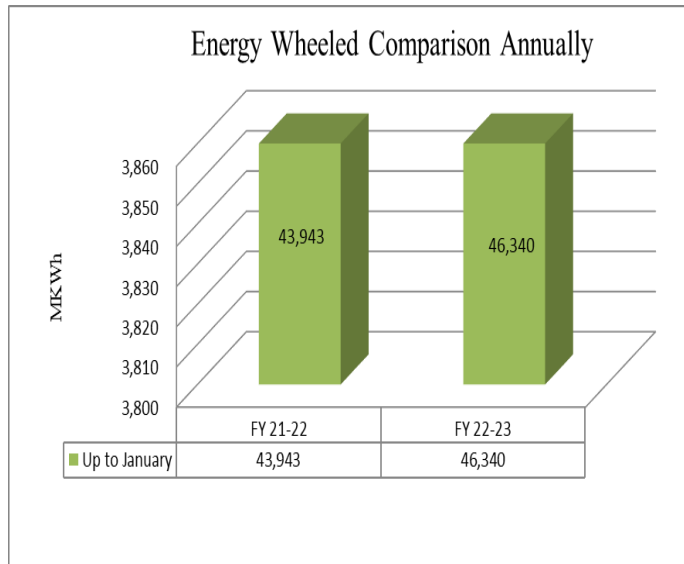
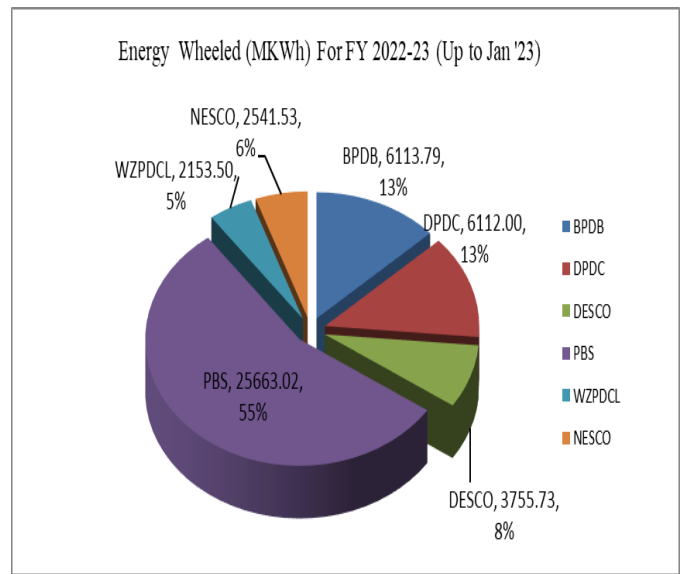
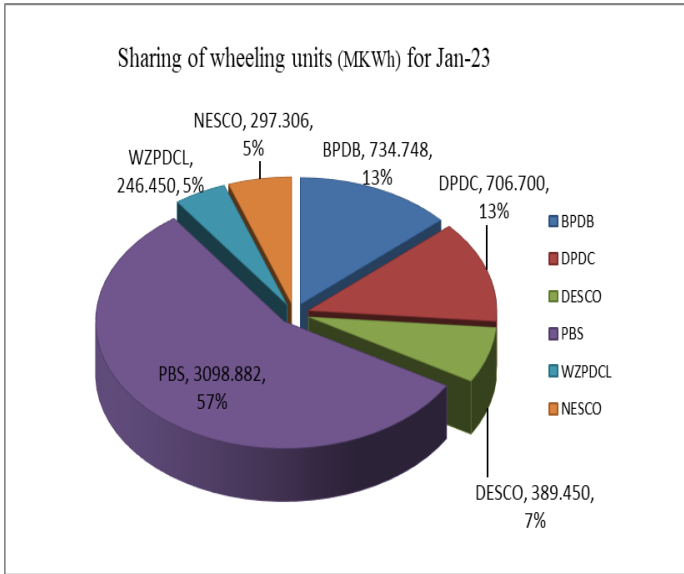
### 1) Substation Availability & Transmission Availability:



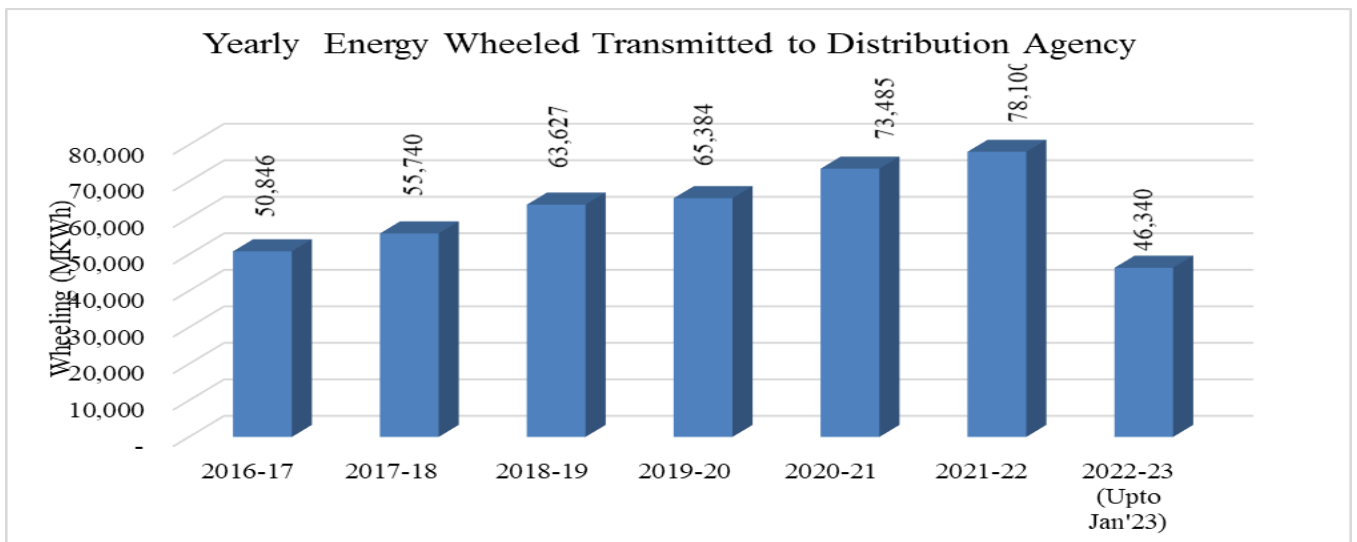
### 2) Graphical presentation of Transmission Loss is shown below:



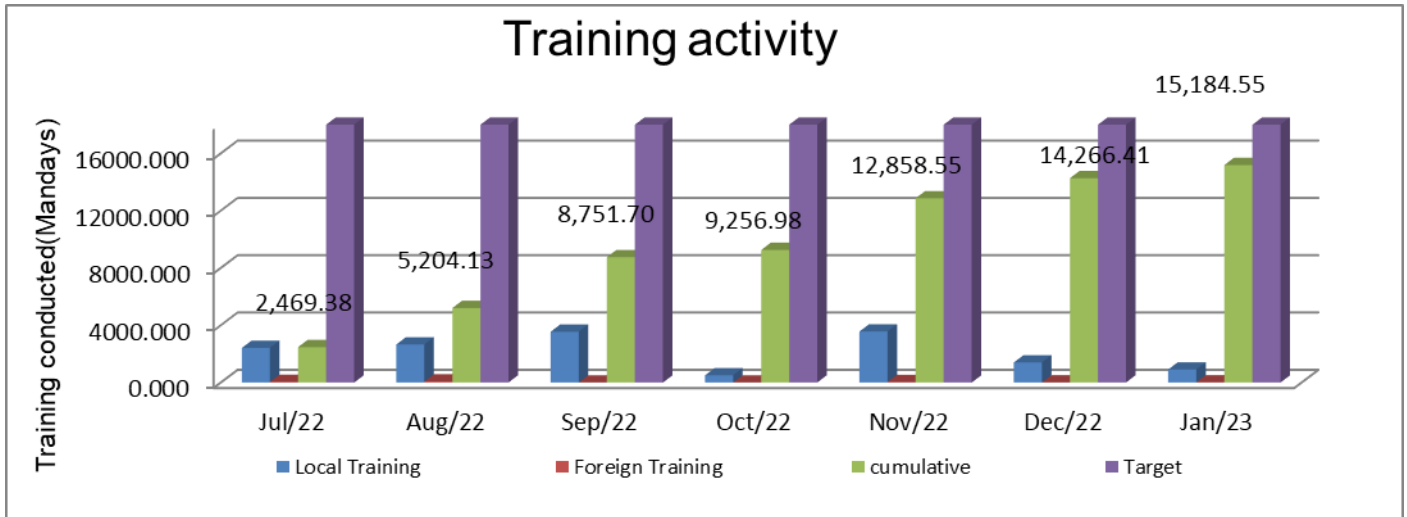
### 3) ORGANIZATION WISE ENERGY WHEELED/TRANSMITTED:



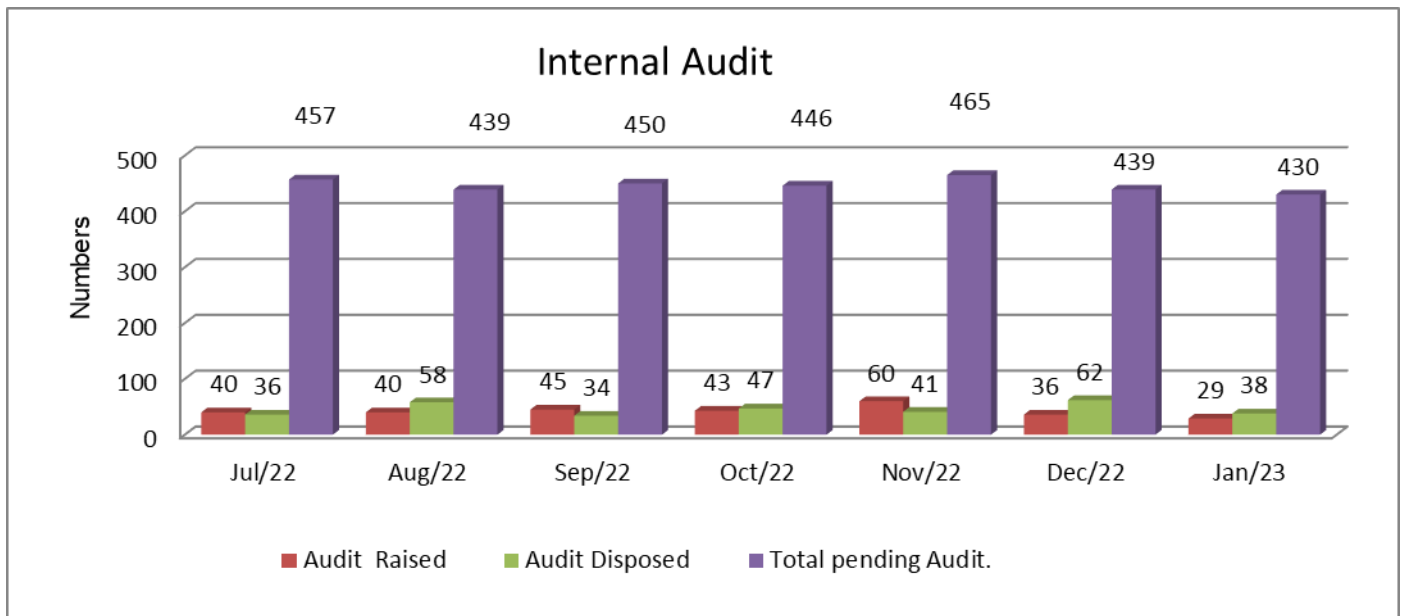
Note: Compared to the previous year, this year it has increased by 5.45% upto January'23.



4) TRAINING:

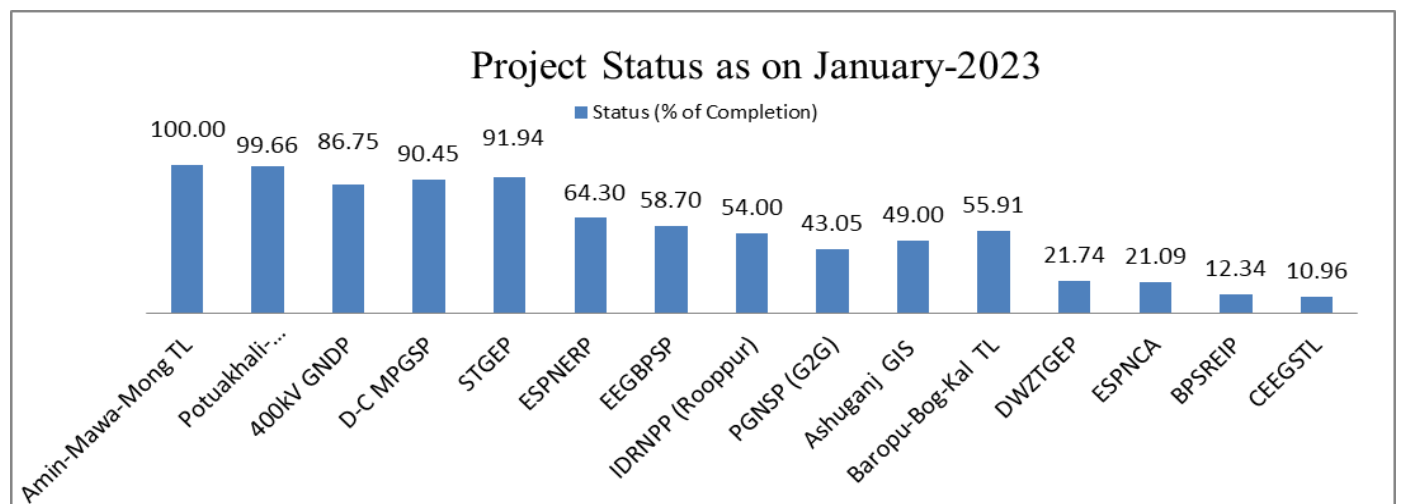


5) INTERNAL AUDIT:



6) PROJECT STATUS:

ADP PROJECT:



7) ELECTRICITY CONSUMPTION:

