



Government of India
Ministry of Statistics and
Programme Implementation

75
Azadi Ka
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Monthly Review Report on Infrastructure Performance



December 2023

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Performance of Infrastructure Sectors (December 2023 and April - December 2023)

Introduction

This report analyses eleven significant components of the Infrastructure Sector including Road, Railways, Civil Aviation, Shipping, Power, Coal, Steel, Cement, Fertilizer, Petroleum and Natural Gas and Telecommunications. The following key parameters of performance of the infrastructure sector have been captured:

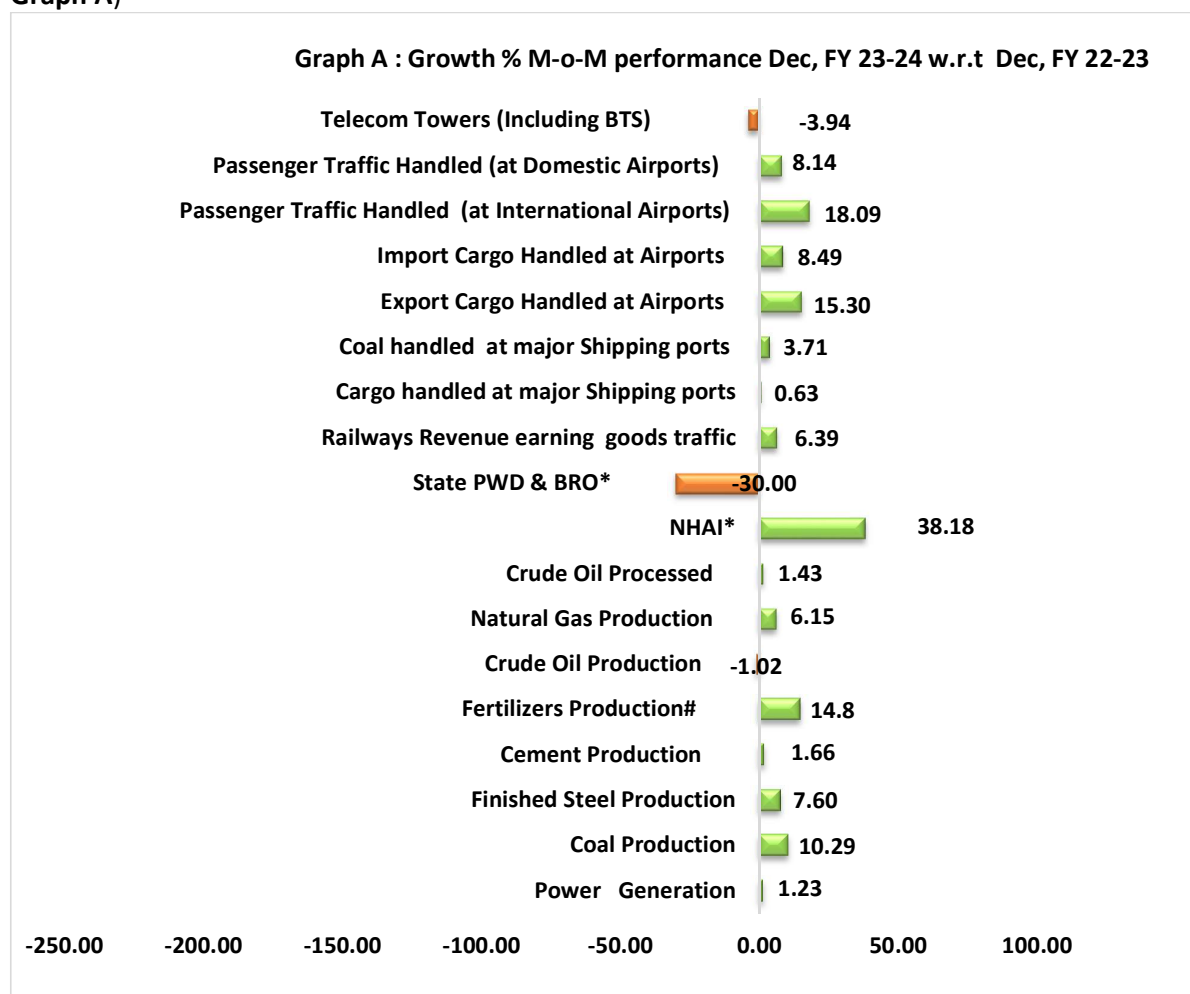
- Power generation
- Production of Coal, finished Steel, Cement, Fertilizers (Nitrogen, Phosphate & Urea) and Natural Gas, production/processing of Crude Oil
- Upgradation of the highways by NHAI, State PWD and Border Road Organization (BRO)
- Passenger and Goods Traffic carried by Railways
- Cargo handled at Shipping Ports and Airports
- Passenger traffic handled at Domestic and International Airports; and
- Addition of new telephone connections and installation of Telecom Towers/ Base Transceiver Station (BTS)

In respect of these parameters, a comparison has been made with reference to the targets set for the month and also with performance during the same month in the previous year. In addition, cumulative data for the year has also been captured and year-on-year comparison made to highlight areas where there has been a significant improvement.

Performance during December 2023

During December 2023, Production of Fertilizers (0.1 *per cent*) (Nitrogen, Phosphate & Urea), processing of Crude Oil (2.68 *per cent*), Revenue earned from Goods Traffic in Railways (0.13 *per cent*) and Export Cargo (9.81 *per cent*) & Import Cargo (3.33 *per cent*) handled at airports were higher than the target for the month.

As compared to December 2022, Power generation (1.23 *per cent*), production of Coal (including Lignite) (10.29 *per cent*), finished Steel production (7.60 *per cent*), Cement production (1.66 *per cent*), Fertilizers production (14.8 *per cent*) (Nitrogen, Phosphate & Urea), Natural Gas (6.15 *per cent*), processing of Crude Oil (1.43 *per cent*), Upgradation of the highways by NHAI (38.18 *per cent*), were higher than the performance during the corresponding month of the previous year. Further, Earnings from Passenger (2.91 *per cent*) and Goods Traffic (6.39 *per cent*) of the Railways, Cargo (0.63 *per cent*) & Coal (3.71 *per cent*) handled at major Shipping Ports as well as Export Cargo (15.30 *per cent*) & Import Cargo (8.49 *per cent*) handled at Airports and International Passengers traffic (18.09 *per cent*) & Domestic passengers traffic (8.14 *per cent*) were higher than the performance during the corresponding month of the previous year. (Refer Graph A)

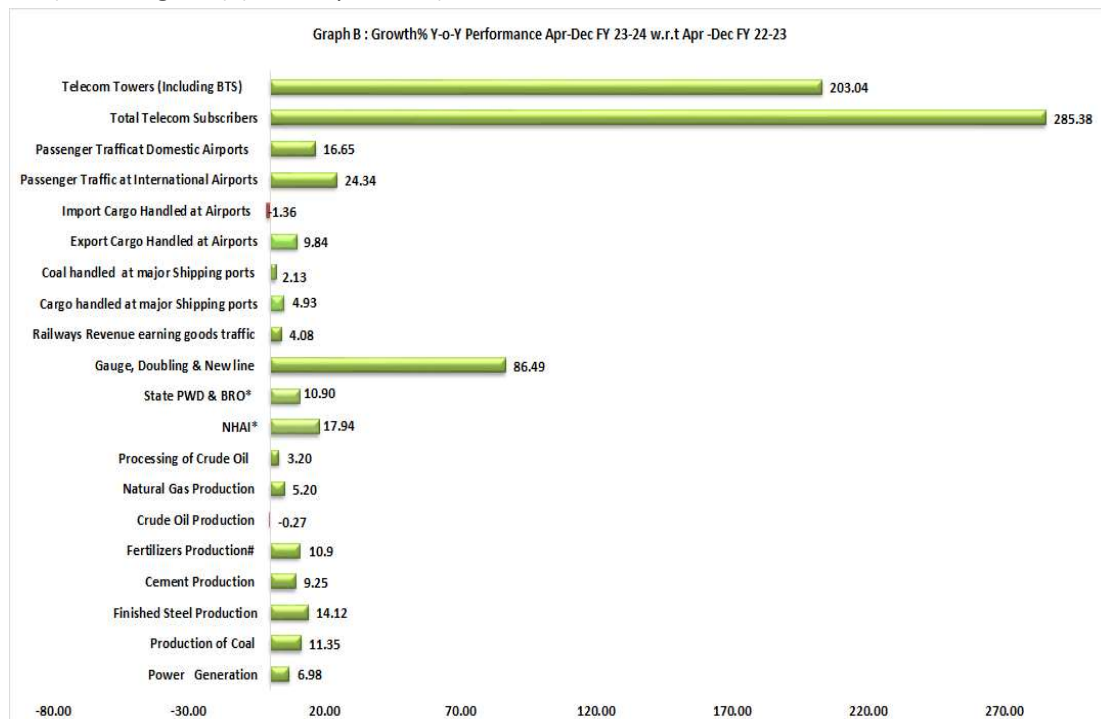


Note: *Widening to two/four/six/eight lanes and strengthening of existing weak pavement, # Accounts for Nitrogen, Phosphate & Urea, Coal production include lignite

Performance during April – December 2023

As compared to April to December 2022, (Refer **Graph B**) the data for April to December 2023 indicated a significant increase in performance parameters in terms of

- Power generation (6.98 *per cent*)
- Production of Coal (including Lignite) (11.35 *per cent*), Finished Steel (14.12 *per cent*), Cement (9.25 *per cent*) and Fertilizers (10.9 *per cent*).
- Processing of Crude oil (3.20 *per cent*) and Natural Gas (5.20 *per cent*)
- Upgradation of the highways by NHAI (17.94 *per cent*) & State PWD and Border Road organization (BRO) (10.90 *per cent*)
- Passenger traffic carried by Railways (8.71 *per cent*)
- Gauge Conversion, Doubling & New line (86.49 *per cent*)
- Revenue earning Goods Traffic carried by Railways (4.08 *per cent*)
- Cargo handled at major Shipping Ports (4.93 *per cent*) & Coal handled at major Shipping Ports (2.13 *per cent*).
- Aircraft Movements (6.56 *per cent*)
- Export cargo handled at Airports (9.84 *per cent*)
- Domestic Passengers traffic (24.34 *per cent*) and International Passengers traffic (16.65 *per cent*) at Airports; and
- Total Telecom Subscribers (Wireline & Wireless) (285.38 *per cent*) & Telecom Towers (including BTS) (203.04 *per cent*).

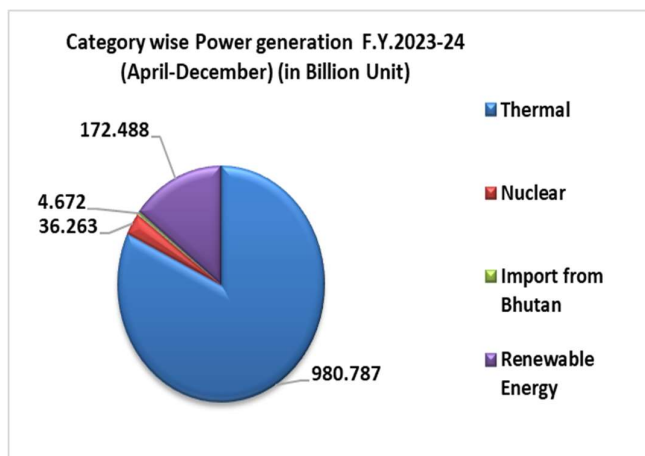


Note: *Widening to two/four/six/eight lanes and strengthening of existing weak pavement, # Accounts for Nitrogen, Phosphate & Urea, Coal production include lignite

1. Power

1.1 The sources of Power generation can be broadly classified into categories viz:

(i) Non-Renewable Energy and (ii) Renewable Energy. The Non-Renewable Energy sources of power generation are thermal generation, nuclear power generation and Import from Bhutan whereas Renewable Energy sources of power generation include solar, wind, Large Hydro, Biomass and Bagasse, etc. The category-wise power generation during April-December 2023 can be seen in the chart alongside.

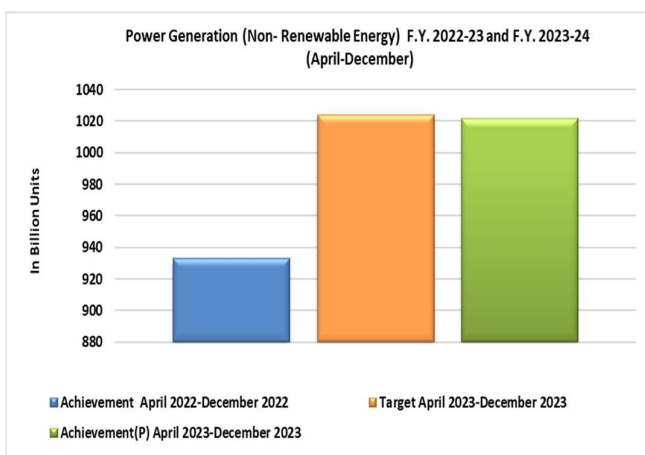


1.2 During the nine-month period of April - December 2023, the share of thermal, nuclear, import from Bhutan and renewable energy in power generation was 74.93 *per cent*, 2.77 *per cent*, 0.36 *per cent* and 21.94 *per cent* respectively.

Non-renewable energy

1.3 During December 2023, the total power generation through sources of Non-renewable energy was 109.78 Billion Units (BU), which is 1.27 *per cent* lower than the target, but 2.68 *per cent* higher than the power generated during the corresponding months of the previous year.

1.4 The graph alongside depicts that during April - December 2023, the overall power generation through sources of non-renewable energy was 1021.72 Billion Units (BU), which is 0.25 *per cent* less than the target, but 9.55 *per cent* higher than the power generated during the corresponding period of the previous year.

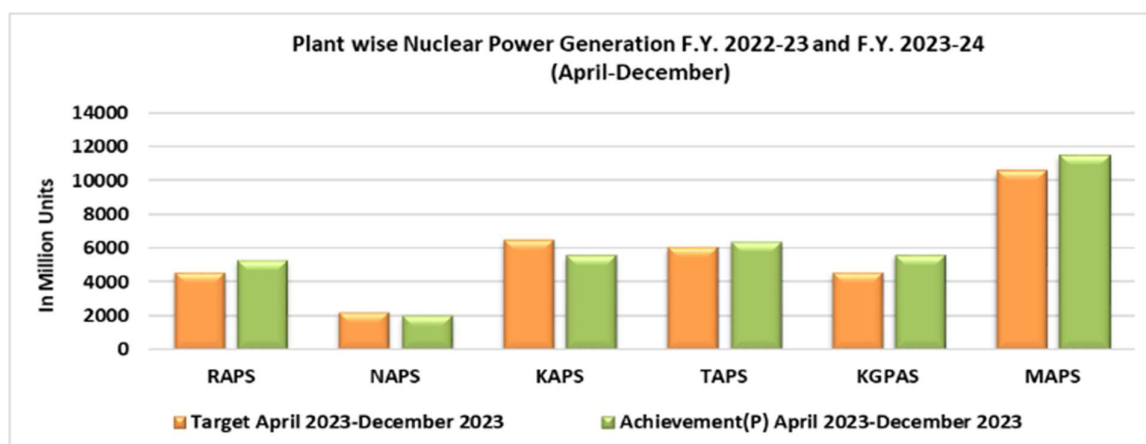


1.5 During April 2023 - Jan 2024, the thermal power generation was 980.787

BU which is 0.23 *per cent* lower than the target but 9.94 *per cent* higher than the thermal power generated during the corresponding months of the previous year. On the other hand, nuclear power generation at 36.263 BU was 5.01 *per cent* higher than the target for the period and also 6.91 *per cent* higher than the nuclear power generated during the corresponding months of the previous year.

1.6 Thermal Plant Load Factor (PLF) at 68.07 *per cent* was higher than the target of 66.41 *per cent* for the period and higher than the PLF of 62.74 *per cent* achieved during the corresponding period of the previous year. Nuclear PLF at 75.80 *per cent* was higher than the target of 67.78 *per cent*

cent for the period and higher than the achievement of 75.80 *per cent* during the corresponding period of the previous year. Plant-wise generation of nuclear power during April - December



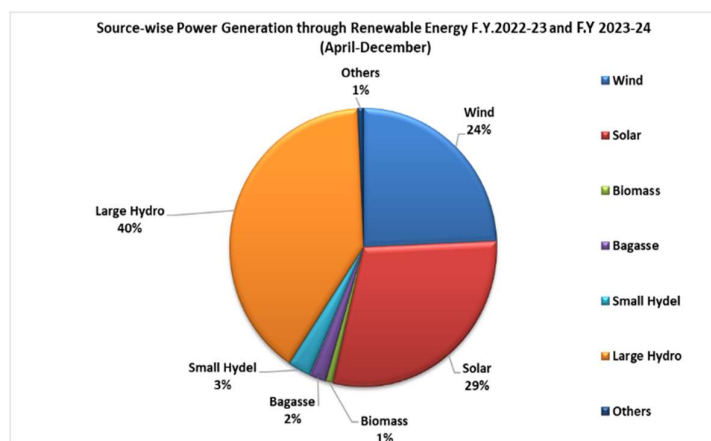
2023 with respect to target for the same period is shown in the graph below:

Renewable energy

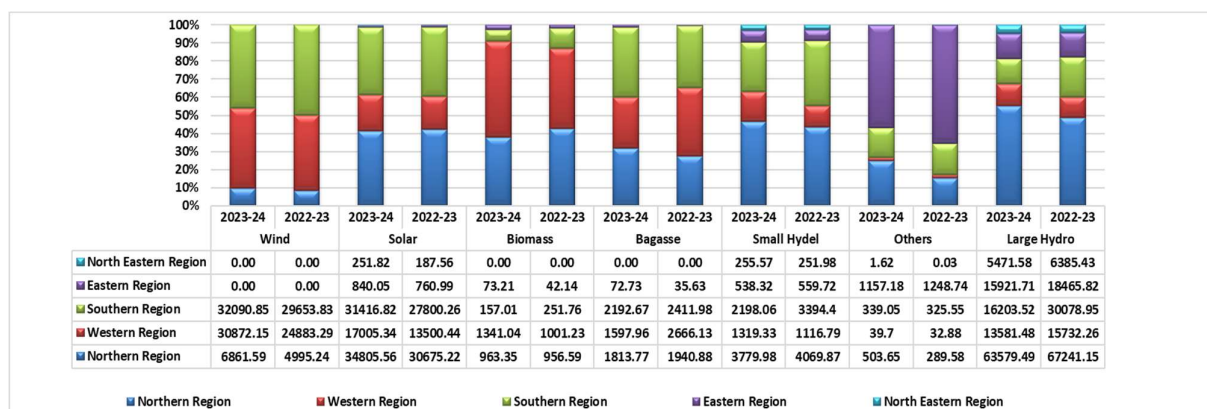
1.7 During April - December 2023, generation of renewable energy at 287.25 BU (including Large Hydro), was 1.28 *per cent* higher than the generation during the corresponding period of the previous year. The targets of renewable energy have not been reported by M/o New and Renewable Energy.

1.8 During April - December 2023, the Large Hydro power generation at 114.76 BU was 12.94 *per cent* lower than the target and 16.78 *per cent* lower than the achievement during the corresponding period of the previous year.

The share of source-wise power generation through Renewable Energy during April - December 2023 can be seen in the chart alongside.



1.9 The graph given below depicts region-wise comparison of current FY power generation vis-à-vis Previous FY, from various renewable sources:

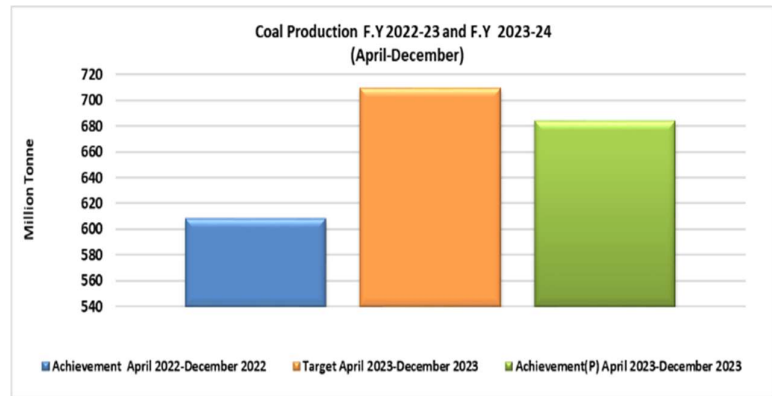


2. Coal

Coal Production

2.1 During December 2023, the coal production at 92.94 Million Tonnes (MT) was 2.28 *per cent* lower than the target for month, and 10.50 *per cent* higher than the production during the corresponding month of the previous year. This included production from Coal India Limited (CIL), Singareni Collieries Company Limited (SCCL) and Captives/Others (Refer **Annexure A**).

2.2 For the period April - December 2023, the coal production at 684.36 Million Tonnes (MT) was 3.55 *per cent* lower than the target for the period, but 12.41 *per cent* higher than the production during the corresponding period of the previous year.



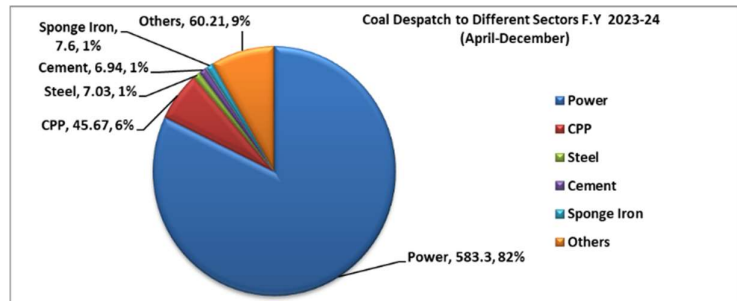
Lignite Production

2.3 During December 2023, the lignite production at 3.65 MT was 5.19 *per cent* higher than the production during corresponding month of the previous year.

2.4 For the period April-December 2023, the lignite production at 29.28 MT was 8.67 *per cent* lower than production during corresponding period of the previous year.

Coal Despatch

2.5 During April - December 2023, 710.49 MT coal was dispatched which was 4.36 *per cent* lower than the target for the period and 11.44 *per cent* higher than the coal dispatched during the corresponding period. The coal dispatched across different sectors is shown in the pie chart.



2.6 During April - December 2023

- Coal India Ltd (CIL) produced 41.31 MT coking coal whereas other companies produced 4.68 MT.
- CIL also provided 1.01 MT of washed coal during the period.
- As on 31 December 2023, 58.50 MT coal was lying at the pitheads compared to 39.72 MT during December 2022.

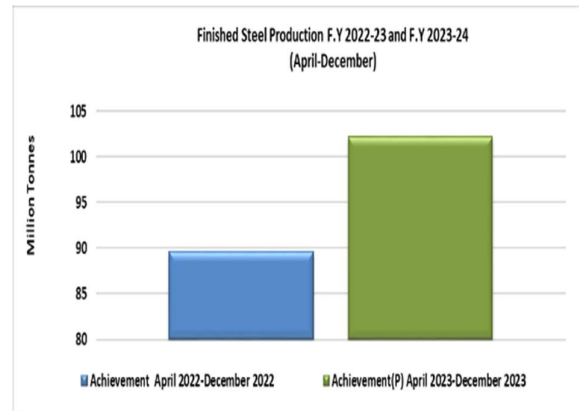
2.7 Power utilities despatch increased by 8.27 *per cent* to 71.13 MT during December 2023 as compared to 65.70 MT during December 2022.

3. Steel

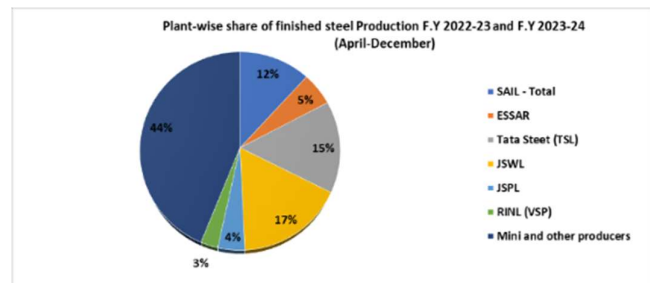
Finished steel production

3.1 The production of finished steel (including production by the private sector), during December 2023 at 11.90 Million Tonnes (MT) was 7.60 *per cent* higher than the production during the corresponding month of the previous year.

3.2 As can be seen from the graph, the production of finished steel (including production by private sector) during April - December 2023 was 102.19 MT. The growth rate has doubled to 14.12 *per cent* compared to 7.77 *per cent* achieved during April-December 2022.



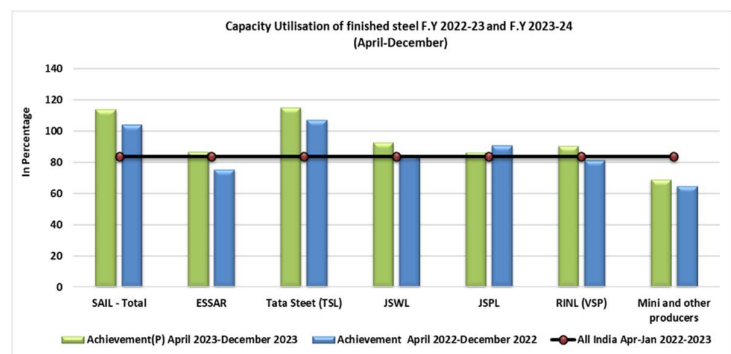
Plant-wise share of finished steel production April - December 2023 indicated that the main producers viz. SAIL, ESSAR, Tata Steel, JSWL, JSPL and VSP, produced 57.40 MT finished steel; which accounted for 56.17 *per cent* of the total steel production in India.



3.3 During April - December 2023, the production at SAIL steel plants at 12.16 MT was 9.22 *per cent* higher than the production during the corresponding period of the previous year. However, the total production (All India) of the finished steel could not be compared with the targets as the reporting agency (Joint Plant Committee (JPC), M/o Steel) has not been reporting the targets for all main producers and secondary producers.

During this period, the capacity utilization of SAIL was at 113.80 *per cent*, which was higher than the capacity utilized 104.20 *per cent* during April - December 2022.

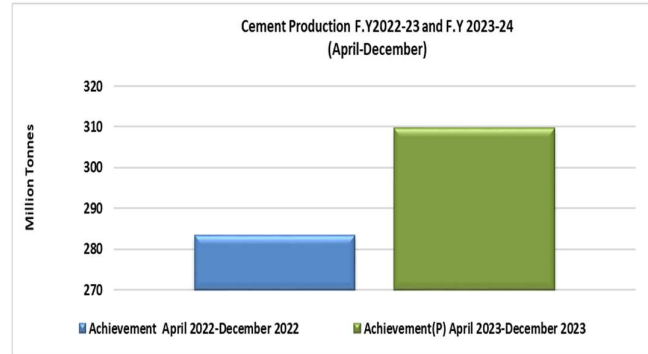
3.4 During April - December 2023, all India capacity utilization of finished steel was 83.70 *per cent*. However, the capacity utilization of SAIL and Tata Steel were highest among the main producers as can be seen in the chart alongside.



4. Cement

During December 2023, the cement production at 35.79 Million Tonnes (MT) was 1.66 *per cent* higher than the production of 35.21 MT in the corresponding month of the previous year.

4.1 The graph depicts that during April - December 2023, the cement production was 309.84 MT. The growth rate has increased to 9.25 *per cent* compared to 10.79 *per cent* achieved during April - December 2022.

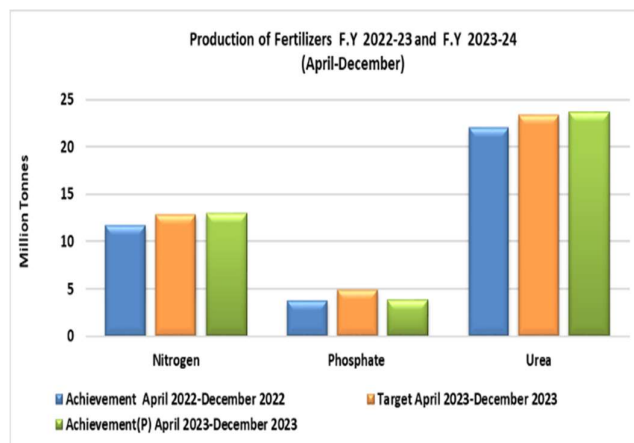


5. Fertilizers

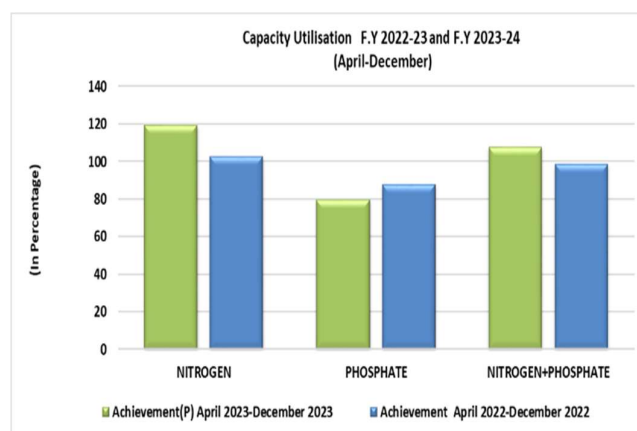
Nitrogen, Phosphate (N, P) and Urea Production

5.1 The production of fertilizers (N, P) across public, private and cooperative sectors during December 2023 was 1.98 Million Tonnes (MT), which was lower than the target by 3.78 *per cent*, but higher than the production during the corresponding month of the previous year by 9.32 *per cent*. Also, the Urea Production was 2.83 MT, which was higher than the target by 2.97 *per cent*.

5.2 During April - December 2023, the overall production of fertilizers (N, P) including production in private sector at 16.78 MT was 5.12 *per cent* lower than the target for the period, but 8.89 *per cent* higher than the production during the same period of 2022. Also, the production of urea at 23.71 Million Tonnes (MT) was 1.77 *per cent* higher than the target for the period, but 12.37 *per cent* higher than the production during the same period of 2022.



5.3 During April- December 2023, the capacity utilization of fertilizer industries (N, P) was 101.30 *per cent*, which was higher than the 93.10 *per cent* capacity utilization during the corresponding period of the previous year.



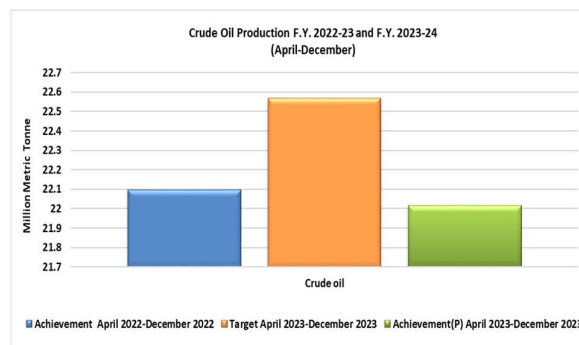
5.4 There are various reasons which accounted for shortfall in the production viz. Natural calamity - Michaung Cyclone & severe Flooding in Chennai, technical snag (leakages in reactors, high bearing temperature and vibration of gear box) in Plants/ equipment limitations, plant shutdowns for Preventive Maintenance etc.

6. Petroleum

Production of Crude oil

6.1 Production of crude oil stood at 2.46 Million Metric Tonnes (MMT) during December 2023; which was slightly lower (1.99 *per cent*) than the target for the month and also lower (1.02 *per cent*) than the production during the corresponding month of the previous year.

6.2 During April - December 2023, the production of Crude Oil was 22.02 MMT; which was 2.44 *per cent* lower than the target for the period and 0.27 *per cent* lower than the production during the corresponding period of the previous year as shown alongside. The company-wise share of total production value stands at 14.41 MMT, 2.5 MMT and 5.1 MMT by ONGC, OIL and Private/JV respectively.



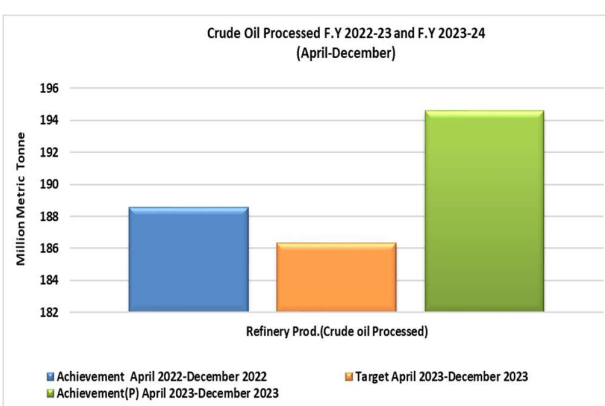
6.3 There are various reasons which accounted for shortfall in the production viz. operational issues like unplanned power shut down; less than planned/anticipated production from various drilling/ old/ workover wells; closure of wells for reservoir management and to reduce flaring; low consumer demand; delay in drilling of new wells due to disputed area belt (DAB) issues & pending Environmental/Forest Clearance issues and no production from few wells due to project delay.

Processing of Crude oil

6.4 The processing of crude oil was 22.59 Million Metric Tonnes (MMT) during December 2023; which was 2.68 *per cent* higher than the target for the month and 1.43 *per cent* higher than the production during the corresponding month of the previous year.

6.5 The Crude Oil Processed during April - December 2023 was at 194.59 MMT; 4.41 *per cent* higher than the target for the period. The growth rate has decreased to 3.20 *per cent* compared to 6.41 *per cent* achieved during April-December 2022.

6.6 Further, during the period, the overall capacity utilization was 102.00 *per cent* i.e. 194.59 MMT which was higher than the utilization of 99.60 *per cent* i.e. 188.57 MMT during April-December 2022.

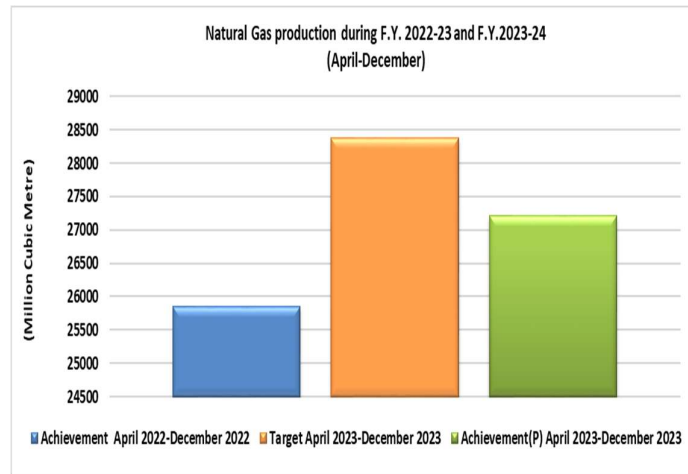


6.7 Low consumer demand & various Unit shutdowns attributed to low crude oil processing.

Production of Natural Gas

6.8 The Natural Gas production, stood at 3132.41 Million Cubic Meters (MCM) during December 2023, which was 4.96 *per cent* lower than the target for the month, but 6.15 *per cent* higher than the production during the corresponding month of the previous year.

6.9 During April - December 2023, the production of natural gas (including production in private sector) was 27213.47 Million Cubic Metres (MCM), which was 4.14 *per cent* lower than the target for the period, but 5.20 *per cent* higher than the production during the previous year period, as shown in below figure. The company-wise share of total production value stood at 14550.36 MCM, 2310.94 MCM and 10352.17 by ONGC, OIL and Private/JV respectively.



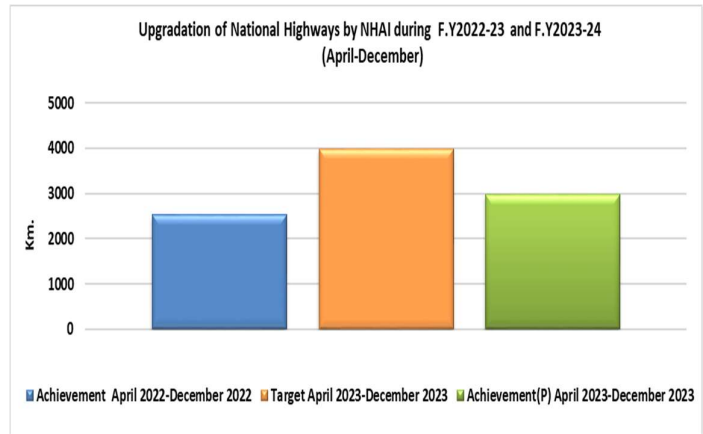
6.10 There are various reasons which accounted for shortfall in the production viz. less than planned/anticipated Production from various drilling/ old/ workover wells; closure of wells for reservoir management and to reduce flaring; low consumer demand; delay in drilling of new wells due to disputed area belt (DAB) issues & pending Environmental/Forest Clearance issues and no production from few wells due to project delay.

7. Roads

National Highways Authority of India (NHAI)

7.1 During December 2023, National Highways Authority of India (NHAI) upgraded (Widening to two/four/six/eight lanes and strengthening of existing weak pavement) 576.19 Kms of highways which was 15.44 *per cent* lower than the target for the month, but 38.18 *per cent* higher than the corresponding month of the previous year.

7.2 During April - December 2023, NHAI has widened to two/four/six/eight lanes and strengthened 2984 Kms of existing weak pavement of National Highways against target of 3987 kms and also, recording a positive growth of 17.94 *per cent* over the achievement of 2530.00 kms during April-December 2022.



State PWD and Border Road Organisation (BRO)

7.3 During December 2023, the State PWD and Border Road Organisation (BRO) widened 218.80 kms of two/four/six/eight lanes and strengthened 83.90 km of existing weak pavement.

7.4 During April - December 2023, the State PWD and Border Road Organisation (BRO) widened 297.50 kms to four/six/eight lanes, 1601.50 Kms to two lanes and strengthened 798 Kms of existing weak pavements. In addition, riding quality of 1112 Kms was also improved.

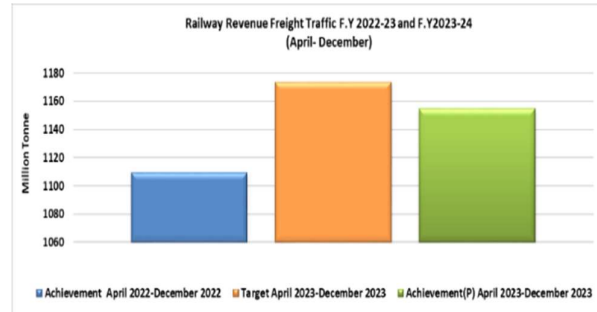
7.5 Delay in land acquisitions & rehabilitation, delay in clearances (Forest/Wildlife/Environment), delay in approval of General Arrangement Drawings for Road Over Bridge/Road Under Bridge, delays in utility shifting, contractual issues relating to performance of contractors, litigation etc. were some of the reasons which led to slow progress of works.

8. Railways

Goods Traffic

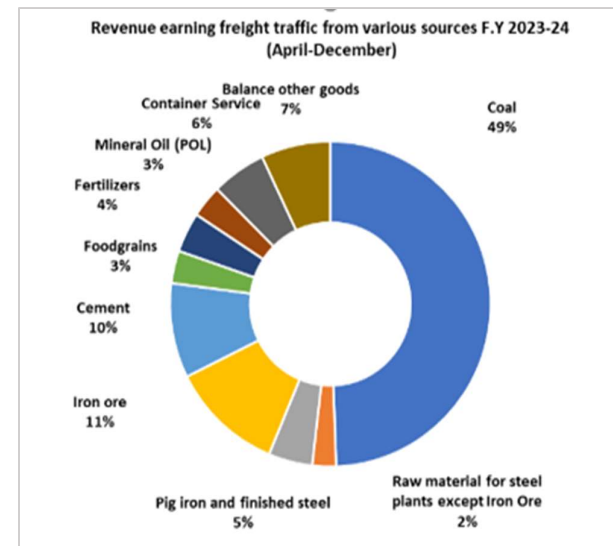
8.1 The Revenue earning freight traffic carried by Indian Railways during December 2023 was 139.02 Million Tonnes (MT), which was 0.13 *per cent* higher than the target for the month and 6.39 *per cent* higher than the corresponding month of the previous year.

8.2 During April - December 2023, the freight traffic carried by the Railways was 1154.65 MT. This was 1.61 *per cent* lower than the target, but 4.08 *per cent* higher than the corresponding period of the previous year.



8.3 During April - December, 2023, loading of all commodities i.e. Coal, Raw material for steel plants except Iron Ore, Pig iron and finished steel, Iron ore, Cement, Fertilizers, Mineral Oil (POL), Container Service recorded positive growth as compared to the corresponding period of the last year. The Revenue earning freight traffic from various commodities is shown in the alongside chart.

8.4 Loading of coal by Coal India Ltd. (CIL) during December 2023 was 307 Rakes per day, which was 9.44 *per cent* lower than the target of 339 rakes per day for the month and 7.72 *per cent* higher than the loading of 285 Rakes per day during December 2022.



Passenger Traffic

8.5 Railways carried 579.10 Million passengers during the month of December 2023 as compared to 562.70 million passengers in December 2022; an increase of 3 *per cent*.

Earnings from traffic carried

8.6 Total earnings (Passengers + Goods + Sundries and other coaching) were Rs.1,86,471 crore during April - December 2023 against Rs.1,74,441 crore during April - December 2022; an increase of 6.8 *per cent*.

Track kilometres added

8.7 Total 1813 Track Kilometers (TKM) of Broad-Gauge track has been added during December 2023.

Traction Sub Station (TSS)

8.8 Total 01 Railway TSS have been commissioned during December, 2023. Cumulatively, 32 TSSs have been commissioned upto December 2023 in the current Financial Year.

Electronic Interlocking system

8.9 Total 46 stations were provided with Electronic Interlocking System during December 2023.

FoB (Foot Over Bridge) /RoB (Road Over Bridge) /RuB (Road Under Bridge)

8.10 Total 14 FoBs have been constructed during December 2023 and cumulative figure in this Financial year is 190.

8.11 To improve Rail-road user safety, 24 ROB's and 80 RUBs have been completed during December 2023.

Important Events

8.12 Hon'ble Prime Minister inaugurated the redeveloped Ayodhya Railway Station and flagged off two new Amrit Bharat Trains (viz., Darbhanga-Ayodhya-Anand Vihar Terminal Express and Malda Town-Sir M. Visvesvaraya Terminus Express) and the six new Vande Bharat Trains (viz., Shri Mata Vaishno Devi Katra-New Delhi Express, Amritsar-Delhi Express; Coimbatore-Bangalore Cantt Express, Mangalore-Madgaon Express, Jalna-Mumbai Express, Ayodhya-Anand Vihar Terminal Express).

9. Shipping & Ports

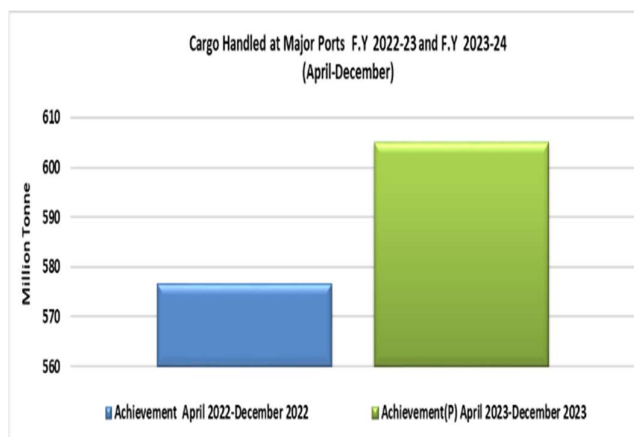
9.1 As reported by Ministry of Shipping, there are 13 major ports in the Country handling 69.89 Million Tonnes (MT) cargo during December 2023 which was 0.63 *per cent* higher than the cargo handled during the corresponding month of the previous year.

9.2 During April - December 2023, the total cargo handling by 13 major ports accounts was 605.15 Million Tonnes (MT) which was 4.93 *per cent* higher than the performance during the corresponding period of the previous year. The growth

rate has decreased as compared to 8.98 *per cent* achieved during April-December, 2022.

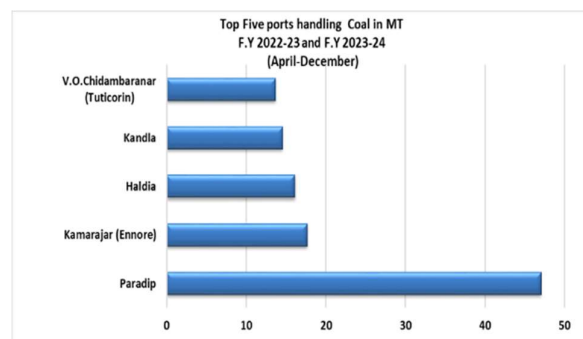
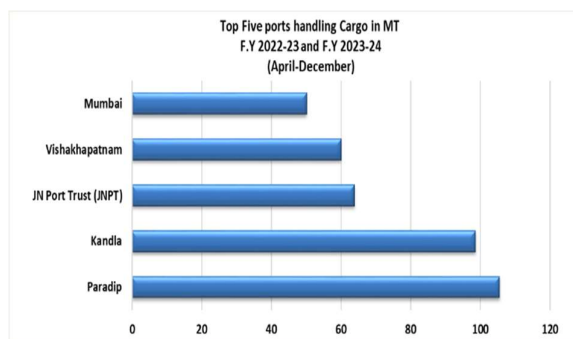
9.3 The Commodity-Wise percentage share of Cargo handled during April-December 2023 can be seen in the table.

The targets for the year 2023-24 have not been provided by the reporting agency, the Indian Port Association (IPA).



Commodities	April to December 2023-24(P)	
	Cargo handled (In '000' Tonnes)	Percentage share
POL Crude	124447	20.6
POL Products	45659	7.5
LPG or LNG	12028	2.0
Edible Oil	8983	1.5
FRM-Liquid	4795	0.8
Iron Ore Pellets/ Fine	42616	7.0
Other Ores	6452	1.1
Thermal Coal	82523	13.6
Coking Coal	27330	4.5
Other Coal	33713	5.6
Fertilizer	6544	1.1
FRM-Dry	6861	1.1
Food Grains excluding Pulses	945	0.2
Pulses	585	0.1
Sugar	1988	0.3
Cement	2082	0.3
Iron and Steel	7879	1.3
Project Cargo	619	0.1
Container (Tonnes)	135711	22.4
Container TEUs (in 000 nos.)	9176	-
Others	53002	8.8
Total	604759	100.0

9.4 The top five major ports handling Cargo and coal are depicted in below chart:



10. Civil Aviation

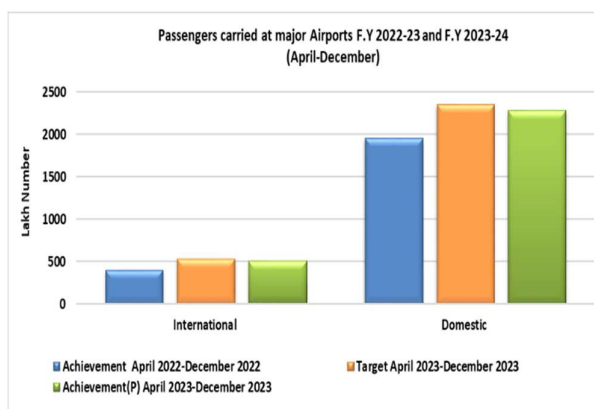
Passenger Traffic

10.1 As reported by Ministry of Civil Aviation, the airports handled total 274.32 lakh domestic passengers during December 2023, which were 3.03 *per cent* lower than the target for the month and 8.14 *per cent* higher than the passenger handled during the corresponding month of last year.

Also, the airports handled 65.54 lakh international passengers during December 2023 which was 2.90 *per cent* lower than the target for the month, but 18.09 *per cent* higher than the passenger handled during the corresponding month of the last year.

10.2 During April - December 2023, the airports handled 2282.34 lakh domestic passengers which was 3.02 *per cent* lower than the target for the period but 16.65 *per cent* higher than the passengers handled during the corresponding period of last year.

Further, during this period, the airports handled 510.47 lakh international passengers which was 5.53 *per cent* lower than the target for the period, but 24.34 *per cent* higher than the passengers handled during the corresponding period of last year.

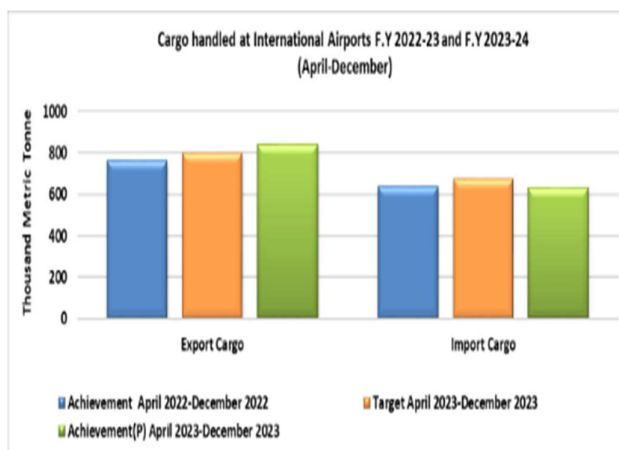


Cargo Traffic

10.3 Export cargo handled during December 2023 was 96,973 Metric Tonnes (MT), which was 9.81 *per cent* higher than the target for the month and also 15.30 *per cent* higher than the cargo handled during the corresponding month of the previous year.

Also, import cargo handled during December 2023 was 75,748 MT, which was 3.33 *per cent* higher than the target for the month and also 8.49 *per cent* higher than the cargo handled during the corresponding month of the previous year.

10.4 During April - December 2023, the export cargo handled was 8,39,734 MT; 4.61 *per cent* higher than the target for the period and 9.84 *per cent* higher than the export cargo handled during the corresponding period of the previous year. Further, during the same period, the import cargo handled was 6,33,872 MT; 6.06 *per cent* lower than the targets for the period and 1.36 *per cent* lower than the import cargo handled during the corresponding period of the previous year.



11. Telecommunication

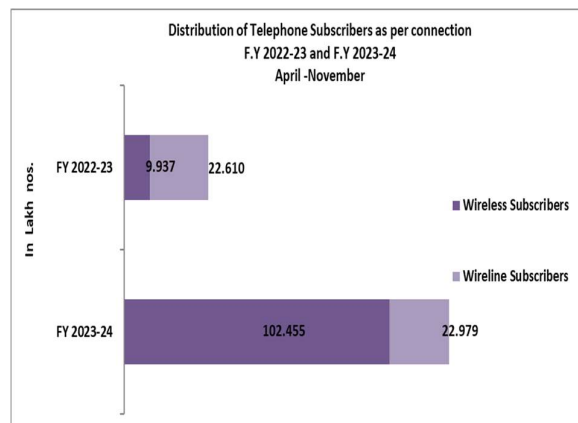
Telephone Subscribers (wire line and wireless)

11.1 During November 2023, total 2,89,811 fixed (wire line) telephone connections were connected/provided vis-à-vis 3,12,756 connections during corresponding month of previous year.

Further, during the month, total 32,57,183 mobile phone connections were connected/ provided and 4,45,056 mobile phone connections were disconnected/surrendered during corresponding month of previous year.

11.2 During April-November 2023, total 22,97,978 fixed (wire line) telephone connections were connected/provided vis-à-vis 22,61,075 connections during corresponding month of previous year.

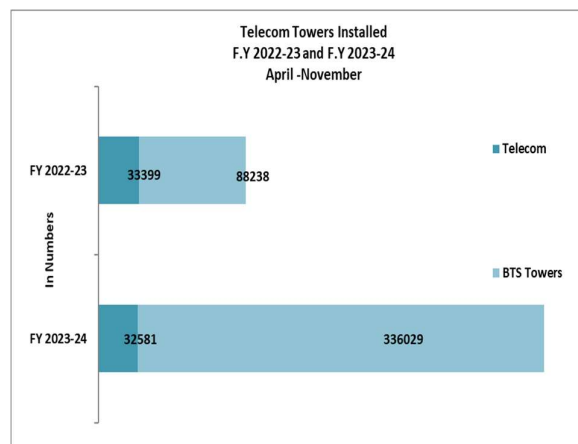
During April-November 2023, total 1,02,45,516 fixed (wire line) telephone connections were connected/provided vis-à-vis 9,93,735 connections during corresponding period of previous year.



Telecom towers

11.3 During November 2023, total 28,008 telecom towers (including Base Transceiver stations) were installed vis-a-vis 29,156 installation during corresponding month of previous year. Cumulatively, total 3,68,610 telecom towers were installed in this Financial Year against 1,21,637 installations during corresponding period of previous year.

As of 31 December 2023, 4,12,214 nos. 5G BTS (Base Transceiver station) have been deployed across country.



Annexure A - Infrastructure Sector Performance during December 2023 and during the period April - December 2023

	During December					During April-December				
	Target FY 23-24	Production FY 23-24	Growth % w.r.t Target FY 23-24	Production FY 22-23	Growth % M-o-M (FY 23-24 w.r.t FY 22-23)	Target FY 23-24	Production FY 23-24	Growth % w.r.t Targets	Production FY 22-23	Growth % Y-o-Y (FY 23-24 w.r.t FY 22-23)
1. POWER										
I. Power Generation: Non-Renewable Energy (B)	111.189	109.780	-1.27	106.913	2.68	1024.284	1021.722	-0.25	932.663	9.55
Thermal Generation	106.669	105.491	-1.10	102.942	2.48	983.048	980.787	-0.23	892.090	9.94
Nuclear Generation	3.897	4.277	9.75	3.902	9.61	34.534	36.263	5.01	33.920	6.91
Import from Bhutan	0.623	0.012	-98.07	0.069	-82.61	6.702	4.672	-30.29	6.653	-29.78
II. Power Generation: Renewable Energy (BU)	*	22.935	-	24.186	-5.17	*	287.246	-	290.956	-1.28
Total (I + II)	-	132.715	-	131.099	1.23	-	1308.968	-	1223.619	6.98
2. Coal										
I. Coal Production (MT)	95.110	92.942	-2.28	84.108	10.50	709.523	684.364	-3.55	608.829	12.41
Coal India Ltd.	74.120	71.890	-3.01	66.420	8.24	535.350	531.884	-0.65	479.044	11.03
Singareni Collieries Company Limited	7.490	6.472	-13.59	6.732	-3.86	52.670	49.660	-5.71	47.227	5.15
Others/Captive	13.500	14.580	8.00	10.956	33.08	121.503	102.820	-15.38	82.558	24.54
II. Lignite Production (MT)	*	3.650	-	3.470	5.19	*	29.280	-	32.060	-8.67
Total (I + II)	-	96.592	-	87.578	10.29	-	713.644	-	640.889	11.35
3. Steel										
I. Production of Finished Steel ('Th Tonnes):	*	6700	-	6436.000	4.10	*	57402	-	52515.00	9.31
Main Producers										
i) SAIL	1449.000	1360	-6.14	1352	0.59	12726	12156	-4.48	11130	9.22
ii) ESSAR	*	691	-	583	18.52	*	5589	-	4858	15.05
iii) Tata Steel (TSL)	1089.000	1777	63.18	1649	7.76	9449	15323	62.17	14296	7.18
iv) JSWL	*	2035	-	1956	4.04	*	17254	-	15818	9.08
v) JSPL	*	491	-	524	-6.30	*	4309	-	3925	9.78
vi) RINL (VSP)	445.000	346	-22.25	372	-6.99	3522	2771	-21.32	2488	11.37
II. Production of Finished Steel ('Th Tonnes):	*	5197	-	4621	12.46	*	44794	-	37040	20.93
Major (Secondary) Producer										
Total (I + II)	-	11897	-	11057	7.60	-	102196	-	89555	14.12
4. Cement										
Cement Production (MT)	*	35.798	-	35.212	1.66	*	309.842	-	283.607	9.25
i) Large Plants	*	34.998	-	34.412	1.70	*	302.642	-	276.407	9.49
ii) Mini Plants	*	0.800	-	0.800	0.00	*	7.200	-	7.200	0.00
5. Fertilisers										
Fertilisers Production ('Th Tonnes)	4805.8	4809.4	0.1	4190.3	14.8	40978.0	40484.5	-1.2	36504.6	10.9
i) Nitrogen	1502.2	1548.2	3.06	1336.5	15.84	12813.2	12941.5	1.00	11662.2	10.97
ii) Phosphate	557.7	433.9	-22.20	476.7	-8.98	4869.2	3834.9	-21.24	3744.5	2.41
iii) Urea	2745.9	2827.3	2.97	2377.1	18.94	23295.6	23708.1	1.77	21097.9	12.37
6. Petroleum										
i) Crude Oil Prod. (MMT) [§]	2.506	2.456	-1.99	2.5	-1.02	22.570	22.018	-2.44	22.1	-0.27
ii) Crude Oil Processed (MMT)	22.001	22.591	2.68	22.3	1.43	186.37	194.599	4.41	188.6	3.20
iii) Natural Gas Prod. (MCM)	3295.950	3132	-4.96	2951.1	6.15	28387.5	27213.5	-4.14	25868.0	5.20
[§] This does not include import value.										
7. Roads										
(a) NHAI - Widening to two/four/six/eight lanes and strengthening of existing weak pavement (Kms.)	681	576	-15.44	417	38.18	3987	2984.0	-25.16	2530.0	17.94
(b) State PWD and Border Road Organisation (B)	619	303	-51.10	432	-30.00	3075	2697	-12.29	2432	10.90
Widening to four/six/eight lanes (Kms.)		25	-	33	-24.14		297.5	-	198.3	50.05
Widening to two lanes (Kms.)	619	194	-	196	-1.19	3075	1601.5	-	1094.1	46.38
Strengthening of existing weak pavement (Kms.)		84	-	203	-58.75		798.0	-	1139.6	-29.97
8. Railways										
Passenger Traffic (in Million)	*	579.10	-	562.7	2.91	*	5179.88	-	4764.8	8.71
Gauge, Doubling & New line (in Kms)	*	1813.0	-	-	-	*	4094.0	-	2195.3	86.49
Revenue earning Freight Traffic (MT)	138.8	139.0	0.13	130.7	6.39	1173.540	1154.7	-1.61	1109.4	4.08
9. Shipping										
Total Cargo handled at major ports (MT)	*	69.898	-	69.462	0.63	*	605.151	-	576.701	4.93
Cargo handling of major commodities at major ports	*	16.664	-	16.072	3.71	*	143.674	-	140.684	2.13
i) Coal handled at major ports (MT)	*	14.020	-	14.841	-5.53	*	124.447	-	119.308	4.31
ii) POL Crude handled at major ports (MT)	*	14897	-	14795	0.69	*	135711	-	125752	7.92
iii) Container handled at major ports (Tonnes)	*		-			*		-		
* Targets not available										
10. Civil Aviation										
I. Cargo handled at Airports (In Metric Tonnes)	88307	96973	9.81	84102	15.30	802708	839734	4.61	764483	9.84
i) Export Cargo	73309	75748	3.33	69818	8.49	674730	633872	-6.06	642599	-1.36
ii) Import Cargo										
II. Passenger Traffic Handled at (In Numbers)	6749962	6554015	-2.90	5549791	18.09	54033481	51046970	-5.53	41054473	24.34
i) International Terminals	28289044	27432226	-3.03	25366757	8.14	235346452	228233970	-3.02	195657272	16.65
ii) Domestic Terminals										
III. Aircraft Movements (In 'Th)	*	250	-	245.230	2.05	*	2162	-	2029.090	6.56
-Includes General Aviation										
11. Telecommunications										
I. Total Telephone Subscribers(Th) \$	*	3547.0	-	-132.3	-2781.02	*	12543.5	-	3254.810	285.38
i) Net new Wireline	*	289.811	-	312.756	-7.34	*	2297.978	-	2261.075	1.63
ii) Net new Wireless	*	3257.183	-	-445.056	-831.86	*	10245.516	-	993.735	931.01
II. Towers (in numbers)	*	28008	-	29156	-3.94	*	368610	-	121637	203.04
(i) Telecom Towers	*	4361	-	2892	50.80	*	32581	-	33399	-2.45
(ii) BTSs Installed	*	23647	-	26264	-9.96	*	336029	-	88238	280.82
Th Tonnes: Thousand Tonnes TH: Thousand MMT: Million Metric Tonne \$: Data upto Nov, 2023										
*: Targets not available BU: Billion Unit MT: Million Tonne MCM: Million Cubic Metre										

Infrastructure Sector Performance Highlights Growth Achieved during the period April - December 2023 and during Last Three Years (April - December)

Sl. No.	Sector	Achievement					Growth percent			
		April - December 2019	April - December 2020	April - December 2021	April - December 2022	April - December 2023	April - December 2020	April - December 2021	April - December 2022	April - December 2023
	1	4	5	.	.	.	7	8	9	10
1	Power (BU)	1059.751	1017.833	1113.712	1223.619	1308.968	-3.96	9.42	9.87	6.98
2	Coal (MT) (excluding lignite)	480.106	471.840	522.973	608.829	684.364	-1.72	10.84	16.42	12.41
3	Steel (Finished Steel) (MT)	77.742	67.351	83.100	89.555	102.196	-13.37	23.38	7.77	14.12
4	Cement (MT)	247.43	202.24	255.99	283.61	309.84	-18.26	26.57	10.79	9.25
5	Fertilizers (MT) (accounts for Nitrogen and Phosphate production only)	13.915	14.138	14.055	15.407	16.776	1.61	-0.59	9.62	8.89
6	Petroleum :-			22.378						
	i) Crude Oil (MT)	24.376	22.983	22.380	22.078	22.018	-5.71	-2.62	-1.35	-0.27
	ii) Crude Oil Processed (MT)	190.385	160.362	177.215	188.572	194.599	-15.77	10.51	6.41	3.20
	iii) Natural Gas (MCM)	23820	21129	25674	25868	27214	-11.30	21.51	0.76	5.20
7	Roads #									
	Widening & Strengthening of Highways									
	i) NHAI (KM)	2485.00	2183.00	2025	2530.00	2984.00	-12.15	-7.24	24.94	17.94
	ii) State PWD & BRO (KM)	3604.00	4661.99	2804.99	2432.00	2697.00	29.36	-39.83	-13.30	10.90
8	Railway Revenue Earning									
	Freight Traffic (MT)	890.70	870.45	1029.97	1109.41	1154.70	-2.27	18.33	7.71	4.08
9	Shipping & Ports									
	i) Cargo Handled at Major Ports (MT)	523.844	478.008	529.160	576.701	605.151	-8.75	10.70	8.98	4.93
	ii) Coal handled at Major Ports(MT)	108.075	92.220	108.921	140.684	143.674	-14.67	18.11	29.16	2.13
10	Civil Aviation :-									
	i) Export Cargo handled (Tonnes)	921969	600146	813672	764483	839734	-34.91	35.58	-6.05	9.84
	ii) Import Cargo handled (Tonnes)	622784	459578	676702	642599	633872	-26.21	47.24	-5.04	-1.36
	iii) Passengers handled at International Terminals (Lakh)	520.643	55.893	138.834	410.545	510.470	-89.26	148.39	195.71	24.34
	iv) Passengers handled at Domestic Terminal (Lakh)	2106.129	592.409	1177.342	1956.573	2282.340	-71.87	98.74	66.19	16.65
11	Telecommunications, November 2023 :-									
	i) New net Fixed/wired Telephone connections ('000 No.)	-1742.167	942.310	3293.549	2261.075	2297.978	-	-	-	1.63
	ii) New net Cell phone (WLL+ GSM) connections ('000 No.)	-10231.111	-2512.834	-13144.716	993.735	10245.516	-	-	-	931.01
BU: Billion Units		MCM: Million Cubic Meter				** Telecom data is up to November 2023				
MT: Millions Tonnes		KM : Kilometre		# : Includes Widening to four/six/eight lanes & two lanes and Strengthening of existing weak pavement						

1. POWER

1.1 Power Generation

Table - 1: Overall Power Generation - December 2023

(In Billion Units)

Generation	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	December 2022
Thermal Generation	106.669	105.491	102.942	-1.10	2.48
Nuclear Generation	3.897	4.277	3.902	9.75	9.61
Hydro Generation	8.285	6.167	8.591	-25.56	-28.22
Import from Bhutan	0.623	0.012	0.069	-98.07	-82.61
Renewable Energy	0.000	16.768	15.595	-	7.52
Total	119.474	132.715	131.099	11.08	1.23

Table - 2: Overall Power Generation - April-December 2023

(In Billion Units)

Generation	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-December 2023	Actual April-December 2022
Thermal Generation	1324.110	983.048	980.787	892.090	-0.23	9.94
Nuclear Generation	46.190	34.534	36.263	33.920	5.01	6.91
Hydro Generation	156.700	131.808	114.758	137.904	-12.94	-16.78
Import from Bhutan	8.000	6.702	4.672	6.653	-30.29	-29.78
Renewable Energy	0.000	-	172.488	153.053	-	12.70
Total	1535.000	1156.092	1308.968	1223.619	13.22	6.98

1.2 Thermal Generation

Table - 3: Region-wise Thermal Generation - December 2023

(In Billion Units)

Region	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	December 2022
Northern Region	24.374	21.863	23.223	-10.30	-5.86
Western Region	41.506	43.738	41.002	5.38	6.67
Southern Region	19.337	18.734	17.301	-3.12	8.28
Eastern Region	20.067	19.956	20.140	-0.55	-0.91
North Eastern Region	1.385	1.200	1.277	-13.36	-6.03
Total	106.669	105.491	102.942	-1.10	2.48

Table - 4: Region-wise Thermal Generation - April-December 2023

(In Billion Units)

Region	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-December 2023	Actual April-December 2022
Northern Region	300.220	223.713	211.511	209.480	-5.45	0.97
Western Region	499.455	372.243	392.671	339.878	5.49	15.53
Southern Region	255.020	186.847	180.098	155.332	-3.61	15.94
Eastern Region	253.230	188.056	185.089	175.855	-1.58	5.25
North Eastern Region	16.185	12.189	11.418	11.544	-6.33	-1.09
Total	1324.110	983.048	980.787	892.090	-0.23	9.94

Table - 5: Sector-wise Thermal Generation - December 2023

(In Billion Units)

Sector	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	December 2022
Central	41.511	37.989	37.780	-8.48	0.55
State	33.916	31.407	33.355	-7.40	-5.84
Private	31.242	36.095	31.807	15.53	13.48
Total	106.669	105.491	102.942	-1.10	2.48

Table - 6: Sector-wise cumulative thermal Generation - April-December 2023

(In Billion Units)

Sector	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-December 2023	Actual April-December 2022
Central	512.190	380.584	350.840	337.132	-7.82	4.07
State	416.884	306.984	295.149	278.925	-3.86	5.82
Private	395.036	295.480	334.798	276.033	13.31	21.29
Total	1324.110	983.048	980.787	892.090	-0.23	9.94

Table - 7: Fuel-wise breakup of Thermal Power Generation - Dec-23

(In Million Units)

Fuel	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	December 2022
Gas Fired	2562	1914	1806	-25.29	5.98
Oil Fired	9	35	27	288.89	29.63
Multi Fuel Fired	0	0	0	-	-
Lignite Based	3056	2854	2430	-6.61	17.45
Coal Based	101042	100689	98678	-0.35	2.04
Total	106669	105491	102942	-1.10	2.48

**Table - 8: Fuel-wise breakup of Thermal Power Generation -
April-December 2023**

(In Million Units)

Fuel	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-December	Actual April-December 2022
Gas Fired	32000	23814	23904	18385	0.38	30.02
Oil Fired	110	84	300	135	257.14	122.22
Multi Fuel Fired	0	0	0	0	-	-
Lignite Based	37000	27063	24325	26999	-10.12	-9.90
Coal Based	1255000	932087	932259	846571	0.02	10.12
Total	1324110	983048	980787	892090	-0.23	9.94

1.3 Thermal: Plant Load Factor (PLF)

Table - 9: Sector wise Thermal PLF - December 2023 and April-December 2023

(Percentage)

Sector	December 2023		December 2022 Actual	April-December 2023		April-December 2022 Actual
	Target	Achievement (Provisional)		Target	Achievement (Provisional)	
Central	74.64	71.37	72.73	78.39	74.30	73.21
State	60.15	59.82	64.37	61.76	63.43	60.26
Private	55.74	64.27	56.82	59.43	66.63	55.46
All India	63.38	65.20	64.40	66.41	68.07	62.74

1.4 Nuclear Power Generation

Table - 10: Nuclear Power Generation - December 2023

(In Million Units)

Station	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	December 2022
RAPS	397	658	458	65.74	43.67
NAPS	288	2	327	-99.31	-99.39
KAPS	826	841	288	1.82	192.01
TAPS	769	613	676	-20.29	-9.32
KGPAS	559	675	497	20.75	35.81
MAPS	1058	1488	1655	40.64	-10.09
Total	3897	4277	3902	9.75	9.61

Table - 11: Nuclear Power Generation - April-December 2023

(In Million Units)

Station	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-December 2023	Actual April-December 2022
RAPS	6141	4569	5264	5290	15.21	-0.49
NAPS	3098	2240	2054	2257	-8.30	-8.99
KAPS	9014	6518	5564	2678	-14.64	107.77
TAPS	8151	6071	6369	6863	4.91	-7.20
KGPAS	6256	4567	5563	5505	21.81	1.05
MAPS	13530	10569	11450	11326	8.34	1.09
Total	46190	34534	36263	33920	5.01	6.91

1.5 Nuclear: Plant Load Factor (PLF)

Table - 12: Station-wise Nuclear PLF - December 2023 and April-December 2023

(Percentage)

Station	December 2023		December 2022 Actual	April-December 2023		April-December 2022 Actual
	Target	Achievement (Provisional)		Target	Achievement (Provisional)	
All India	66.24	76.85	77.35	67.78	75.80	75.80
RAPS	49.41	74.95	52.23	64.10	67.59	67.93
NAPS	87.98	0.59	99.83	77.13	70.72	77.72
KAPS	66.73	99.12	88.01	66.43	92.80	92.22
TAPS	73.83	58.89	64.94	65.70	68.93	74.28
KGPAS	85.38	103.07	75.85	78.63	95.78	94.79
MAPS	58.28	81.96	91.17	65.63	71.10	70.33

1.6 Hydro Power Generation

Table - 13: Region-wise Hydro Power Generation - December 2023

(In Million Units)

Region	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	December 2022
Northern Region	3540	3166	3729	-10.56	-15.10
Western Region	1177	851	1130	-27.70	-24.69
Southern Region	2208	1316	2561	-40.40	-48.61
Eastern Region	810	522	839	-35.56	-37.78
North Eastern Region	550	311	332	-43.45	-6.33
Total	8285	6167	8591	-25.56	-28.21

Table - 14: Region-wise Hydro Power Generation - April-December 2023

(In Million Units)

Region	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-December 2023	Actual April-December 2022
Northern Region	77797	67228	63579	67241	-5.43	-5.45
Western Region	15491	11916	13581	15732	13.97	-13.67
Southern Region	31078	24233	16204	30079	-33.13	-46.13
Eastern Region	20178	17591	15922	18466	-9.49	-13.78
North Eastern Region	12156	10840	5472	6385	-49.52	-14.30
Total	156700	131808	114758	137904	-12.94	-16.78

1.7 Renewable Energy

Table - 15: Region-wise Power Generation through Renewable Energy - December 2023

(In Million Units)

Region	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	December 2022
Northern Region	0	4850	4797	-	1.10
Western Region	0	5665	4788	-	18.32
Southern Region	0	5907	5653	-	4.49
Eastern Region	0	292	302	-	-3.31
North Eastern Region	0	54	56	-	-3.57
Total	0	16768	15595	-	7.52

Table - 16: Region-wise Power Generation through Renewable Energy - April-December 2023

(In Million Units)

Region	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-December 2023	Actual April-December 2022
Northern Region	0	0	48728	42927	-	13.51
Western Region	0	0	52176	43201	-	20.77
Southern Region	0	0	68394	63838	-	7.14
Eastern Region	0	0	2681	2647	-	1.28
North Eastern Region	0	0	509	440	-	15.68
Total	-	-	172488	153053	-	12.70

**Table - 17: Source-wise Power Generation
through Renewable Energy - December 2023**

(In Million Units)

Sources	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	December 2022
Bagasse	0	1933	2098	-	-7.86
Biomass	0	306	326	-	-6.13
Small Hydel	0	592	758	-	-21.90
Solar	0	8595	8208	-	4.71
Wind	0	5113	3996	-	27.95
Others	0	229	210	-	9.05
Total	0	16768	15595	-	7.52

**Table - 18: Source-wise Power Generation
through Renewable Energy - April-December 2023**

(In Million Units)

Sources	Annual Target 2023-2024	April-December 2023		April- December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April- December 2023	Actual April- December 2022
Bagasse	0	0	5677	7055	-	-19.53
Biomass	0	0	2535	2252	-	12.57
Small Hydel	0	0	8091	9393	-	-13.86
Solar	0	0	84320	72924	-	15.63
Wind	0	0	69825	59532	-	17.29
Others	0	0	2041	1897	-	7.59
Total	-	-	172488	153053	-	12.70

2. COAL

2.1 Coal Production

Table - 19: Company-wise Coal Production - December 2023

(In Million Tonnes)

Company	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
ECL	5.270	4.620	3.158	-12.33	46.30
BCCL	3.880	3.630	3.561	-6.44	1.94
CCL	7.300	7.940	7.197	8.77	10.32
NCL	12.080	11.800	11.482	-2.32	2.77
WCL	7.440	7.030	6.615	-5.51	6.27
SECL	19.520	16.600	16.760	-14.96	-0.95
MCL	18.600	20.240	17.626	8.82	14.83
NEC	0.030	0.030	0.021	0.00	42.86
CIL - Total	74.120	71.890	66.420	-3.01	8.24
SCCL	7.490	6.472	6.732	-13.59	-3.86
Others (TISCO,IISCO,DVC)	13.500	14.580	10.956	8.00	33.08
All India - Total	95.110	92.942	84.108	-2.28	10.50

Table - 20: Company-wise Coal Production - April-December 2023

(In Million Tonnes)

Company	Annual Target 2023-2024	April-December 2023		April- December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- December 2023	Actual April- December 2022
ECL	51.000	33.970	30.000	23.767	-11.69	26.23
BCCL	41.000	28.700	29.840	25.929	3.97	15.08
CCL	84.000	55.800	55.780	49.331	-0.04	13.07
NCL	133.000	98.950	103.880	97.255	4.98	6.81
WCL	67.000	44.370	43.580	38.359	-1.78	13.61
SECL	200.000	130.060	123.120	106.609	-5.34	15.49
MCL	204.000	143.380	145.555	137.671	1.52	5.73
NEC	0.200	0.120	0.129	0.123	7.50	4.88
CIL - Total	780.200	535.350	531.884	479.044	-0.65	11.03
SCCL	75.000	52.670	49.660	47.227	-5.71	5.15
Others (TISCO,IISCO,DVC)	162.000	121.503	102.820	82.558	-15.38	24.54
All India - Total	1017.200	709.523	684.364	608.829	-3.55	12.41

2.2 Coking Coal Production

Table - 21: Company-wise Coking Coal Production - December 2023

(In Million Tonnes)

Company	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
ECL	0.000	0.001	0.000	-	-
BCCL	0.000	3.421	3.332	-	2.67
CCL	0.000	1.904	1.870	-	1.82
WCL	0.000	0.000	0.009	-	-100.00
SECL	0.000	0.018	0.021	-	-14.29
CIL - Total	0.000	5.344	5.232	-	2.14
Others	0.000	0.523	0.588	-	-11.05
All India - Total	0.000	5.867	5.820	-	0.81

Table - 22: Company-wise Coking Coal Production - April-December 2023

(In Million Tonnes)

Company	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-December 2023	Actual April-December 2022
ECL	0.000	0.000	0.007	0.005	-	40.00
BCCL	0.000	0.000	28.374	24.292	-	16.80
CCL	0.000	0.000	12.738	12.753	-	-0.12
WCL	0.000	0.000	0.035	0.073	-	-52.05
SECL	0.000	0.000	0.156	0.181	-	-13.81
CIL - Total	-	-	41.310	37.304	-	10.74
Others	0.000	0.000	4.683	4.433	-	5.64
All India - Total	-	-	45.993	41.737	-	10.20

2.3 Washed Coal Production

Table - 23: Washed Coal Production - December 2023

(In Million Tonnes)

Company	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
BCCL	0.000	0.055	0.039	-	41.03
CCL	0.000	0.055	0.077	-	-28.57
WCL	0.000	0.000	0.000	-	-
CIL - Total	0.000	0.110	0.116	-	-5.17

Table - 24: Washed Coal Production - April-December 2023

(In Million Tonnes)

Company	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-December 2023	Actual April-December 2022
BCCL	0.000	0.000	0.438	0.434	-	0.92
CCL	0.000	0.000	0.575	0.450	-	27.78
WCL	0.000	0.000	0.000	0.000	-	-
CIL - Total	-	-	1.013	0.884	-	14.59

2.4 Coking Coal despatch to steel plants

Table - 25: Coking Coal despatch to steel plants - December 2023

(In Million Tonnes)

Company	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
ECL	0.000	0.000	0.000	-	-
BCCCL	0.167	0.112	0.114	-32.93	-1.75
CCL	0.069	0.057	0.084	-17.39	-32.14
WCL	0.000	0.000	0.000	-	-
SECL	0.000	0.000	0.000	-	-
CIL - Total	0.236	0.169	0.198	-28.39	-14.65
Others	0.000	0.000	0.000	-	-
All India - Total	0.236	0.169	0.198	-28.39	-14.65

Table - 26: Coking Coal despatch to steel plants - April-December 2023

(In Million Tonnes)

Company	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-December 2023	Actual April-December 2022
ECL	0.000	0.000	0.000	0.000	-	-
BCCCL	0.000	1.429	0.906	0.451	-36.60	100.89
CCL	0.000	0.923	0.566	0.424	-38.68	33.49
WCL	0.000	0.000	0.000	0.000	-	-
SECL	0.000	0.000	0.000	0.000	-	-
CIL - Total	-	2.352	1.472	0.875	-37.41	68.23
Others	162.000	0.000	0.000	0.000	-	-
All India - Total	162.000	2.352	1.472	0.875	-37.41	68.23

2.5 Coal despatch

Table - 27: Company-wise Coal despatches - December 2023

(In Million Tonnes)

Company	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
ECL	4.650	4.150	3.055	-10.75	35.84
BCCCL	3.880	3.350	3.241	-13.66	3.36
CCL	7.750	7.390	6.772	-4.65	9.13
NCL	11.780	11.830	11.437	0.42	3.44
WCL	6.670	6.400	5.875	-4.05	8.94
SECL	18.600	15.660	15.551	-15.81	0.70
MCL	19.380	17.770	16.735	-8.31	6.18
NEC	0.000	0.010	0.021	-	-52.38
CIL - Total	72.710	66.560	62.687	-8.46	6.18
SCCL	7.490	6.307	6.717	-15.79	-6.10
Others (TISCO, IISCO, DVC)	13.500	13.763	10.218	1.95	34.69
All India - Total	93.700	86.630	79.622	-7.55	8.80

Table - 28: Company-wise Coal despatches - April-December 2023

(In Million Tonnes)

Company	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-December 2023	Actual April-December 2022
ECL	51.000	34.550	29.280	24.917	-15.25	17.51
BCCL	41.000	29.200	29.180	26.100	-0.07	11.80
CCL	84.000	60.600	60.270	54.466	-0.54	10.66
NCL	133.000	100.260	105.110	100.358	4.84	4.74
WCL	67.000	48.100	49.940	42.905	3.83	16.40
SECL	200.000	145.320	132.450	115.387	-8.86	14.79
MCL	204.000	150.700	145.750	143.383	-3.28	1.65
NEC	0.200	0.000	0.100	0.092	-	8.70
CIL - Total	780.200	568.730	552.080	507.608	-2.93	8.76
SCCL	75.000	52.670	51.064	47.207	-3.05	8.17
Others (TISCO,IISCO,DVC)	162.000	121.500	107.347	82.713	-11.65	29.78
All India - Total	1017.200	742.900	710.491	637.528	-4.36	11.44

3. STEEL

3.1 Finished Steel Production

Table - 29: Plant-wise finished steel Production - December 2023

(In Thousand Tonnes)

Plant/Producer	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
Bhilai Steel Plant (BSP)	0.00	0.00	0.00	-	-
Durgapur Steel Plant (DSP)	0.00	0.00	0.00	-	-
Rourkela Steel Plant (RSP)	0.00	0.00	0.00	-	-
Bokaro Steel Plant (BSL)	0.00	0.00	0.00	-	-
Alloy Steel Plant (ASP)	0.00	0.00	0.00	-	-
Salem Steel Plant (SSP)	0.00	0.00	0.00	-	-
Indian Iron & Steel Plant (ISP)	0.00	0.00	0.00	-	-
Visvesvaraya Iron & Steel Plant (VISL)	0.00	0.00	0.00	-	-
SAIL Conversion Agent	-	-	-	-	-
SAIL - Total	1449.00	1360.00	1352.00	-6.14	0.59
ESSAR	0.00	691.00	583.00	-	18.52
Tata Steet (TSL)	1089.00	1777.00	1649.00	63.18	7.76
JSWL	0.00	2035.00	1956.00	-	4.04
JSPL	0.00	491.00	524.00	-	-6.30
RINL (VSP)	445.00	346.00	372.00	-22.25	-6.99
Main Producers	NA	6700.00	6436.00	-	4.10
Mini and other producers	0.00	5197.00	4621.00	-	12.46
All India - Total	NA	11897.00	11057.00	-	7.60

Table - 30: Plant-wise finished steel Production - April-December 2023

(In Thousand Tonnes)

Plant / Producer	Annual Target 2023-2024	April-December 2023		April- December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- December 2023	Actual April- December 2022
Bhilai Steel Plant (BSP)	0.00	0.00	0.00	0.00	-	-
Durgapur Steel Plant (DSP)	0.00	0.00	0.00	0.00	-	-
Rourkela Steel Plant (RSP)	0.00	0.00	0.00	0.00	-	-
Bokaro Steel Plant (BSL)	0.00	0.00	0.00	0.00	-	-
Alloy Steel Plant (ASP)	0.00	0.00	0.00	0.00	-	-
Salem Steel Plant (SSP)	0.00	0.00	0.00	0.00	-	-
Indian Iron & Steel Plant (ISP)	0.00	0.00	0.00	0.00	-	-
Visvesvaraya Iron & Steel Plant (VISL)	0.00	0.00	0.00	0.00	-	-
SAIL Conversion Agent	-	-	-	-	-	-
SAIL - Total	-	12726.00	12156.00	11130.00	-4.48	9.22
ESSAR	0.00	0.00	5589.00	4858.00	-	15.05
Tata Steet (TSL)	0.00	9449.00	15323.00	14296.00	62.17	7.18
JSWL	0.00	0.00	17254.00	15818.00	-	9.08
JSPL	0.00	0.00	4309.00	3925.00	-	9.78
RINL (VSP)	0.00	3522.00	2771.00	2488.00	-21.32	11.37
Main Producers	-	NA	57402.00	52515.00	-	9.31
Mini and other producers	0.00	0.00	44794.00	37040.00	-	20.93
All India - Total	-	NA	102196.00	89555.00	-	14.12

3.2 Capacity utilisation

Table - 31: Capacity Utilisation - December 2023 and December 2023

(In Percentage)

Plant/Producer	Capacity Utilisation			
	December 2023	December 2022	December 2023	April-December 2022
Bhilai Steel Plant (BSP)	-	-	-	-
Durgapur Steel Plant (DSP)	-	-	-	-
Rourkela Steel Plant (RSP)	-	-	-	-
Bokaro Steel Plant (BSL)	-	-	-	-
Alloy Steel Plant (ASP)	-	-	-	-
Salem Steel Plant (SSP)	-	-	-	-
Indian Iron & Steel Plant (ISP)	-	-	-	-
Visvesvaraya Iron & Steel Plant (VISL)	-	-	-	-
SAIL Conversion Agent	-	-	-	-
SAIL - Total	114.60	113.90	113.80	104.20
ESSAR	96.30	81.30	86.70	75.30
Tata Steel (TSL)	120.10	111.40	115.00	107.30
JSWL	98.40	94.60	92.80	85.00
JSPL	88.60	109.40	86.40	91.00
RINL (VSP)	101.70	109.50	90.70	81.40
Main Producers	-	-	-	-
Mini and other producers	72.00	72.90	69.00	65.00
All India - Total	87.70	87.70	83.70	78.90

4. CEMENT

4.1 Cement Production

Table - 32: Sector-wise Cement Production - December 2023

(In Lakh Tonnes)

Product/Sector	December 2023		December 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
A. Public Sector					
CCI	NA	*	*	-	-
Others	NA	*	*	-	-
Total - A	NA	*	*	-	-
B. Private Sector	NA	349.98	344.12	-	1.70
C. Mini & White	NA	8.00	8.00	-	0.00
All India Total (A+B+C)	NA	357.98	352.12	-	1.66

Table - 33: Sector-wise Cement Production - April-December 2023

(In Lakh Tonnes)

Product/Sector Producer	April-December 2023		April- December 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target April- December 2023	Actual April- December 2022
A. Public Sector					
CCI	NA	*	*	-	-
Others	NA	*	*	-	-
Total - A	NA	*	*	-	-
B. Private Sector	NA	3026.42	2764.07	-	9.49
C. Mini & White	NA	72.00	72.00	-	0.00
All India Total(A+B+C)	NA	3098.42	2836.07	-	9.25

5. FERTILIZERS

5.1 Fertilizer Production

Table - 34: Fertilizer Production - December 2023

(In Thousand Tonnes)

Product/Sector	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
A. NITROGEN					
Public Sector	305.50	281.80	298.20	-7.76	-5.50
Cooperative Sector	343.20	373.30	366.70	8.77	1.80
Private Sector	853.50	893.10	671.60	4.64	32.98
Total - A	1502.20	1548.20	1336.50	3.06	15.84
B. PHOSPHATE					
Public Sector	22.80	21.40	23.10	-6.14	-7.36
Cooperative Sector	150.50	168.40	164.20	11.89	2.56
Private Sector	384.40	244.10	289.40	-36.50	-15.65
Total - B	557.70	433.90	476.70	-22.20	-8.98
All India Total(A+B)	2059.90	1982.10	1813.20	-3.78	9.32

Table - 35: Fertilizer Production - April-December 2023

(In Thousand Tonnes)

Product/Sector	Annual Target 2023-2024	April-December 2023		April- December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- December 2023	Actual April- December 2022
A. NITROGEN						
Public Sector	-	2524.20	2465.60	2581.20	-2.32	-4.48
Cooperative Sector	-	2855.30	2969.50	3055.40	4.00	-2.81
Private Sector	-	7433.70	7506.40	6025.60	0.98	24.58
Total - A	-	12813.20	12941.50	11662.20	1.00	10.97
B. PHOSPHATE						
Public Sector	-	193.60	191.60	195.30	-1.03	-1.89
Cooperative Sector	-	1250.90	1230.00	1371.20	-1.67	-10.30
Private Sector	-	3424.70	2413.30	2178.00	-29.53	10.80
Total - B	-	4869.20	3834.90	3744.50	-21.24	2.41
All India Total(A+B)	-	17682.40	16776.40	15406.70	-5.12	8.89

5.2 Neem coated Urea Production

Table - 34 A: Neem coated Urea Production - December 2023

(In Thousand Tonnes)

Product/Sector	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
Public Sector	605.85	556.90	587.10	-8.08	-5.14
Cooperative Sector	603.30	653.70	641.60	8.35	1.89
Private Sector	1536.73	1616.70	1148.40	5.20	40.78
Total	2745.88	2827.30	2377.10	2.97	18.94

Table - 35 A: Neem coated Urea Production - April-December 2023

(In Thousand Tonnes)

Product/Sector	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-December 2023	Actual April-December 2022
Public Sector	-	4998.47	4869.70	5107.10	-2.58	-4.65
Cooperative Sector	-	5023.36	5319.24	5344.80	5.89	-0.48
Private Sector	-	13273.74	13519.20	10646.00	1.85	26.99
Total	-	23295.57	23708.14	21097.90	1.77	12.37

5.3 Capacity utilisation

Table - 36: Sector wise Capacity Utilisation - April-December 2023

(In Percentage)

Product/Sector	Capacity Utilisation			
	December 2023	December 2022	April-December	April-December
A. NITROGEN				
Public Sector	110.70	117.10	107.60	112.60
Cooperative Sector	140.60	138.20	124.30	127.90
Private Sector	114.80	86.40	107.30	86.10
Total - A	119.30	103.00	110.80	99.90
B. PHOSPHATE				
Public Sector	107.90	116.50	107.40	109.50
Cooperative Sector	124.10	121.00	100.70	112.20
Private Sector	63.20	74.90	69.40	62.70
Total - B	80.10	88.00	78.60	76.80
All India	107.70	98.60	101.30	93.10

6. PETROLEUM & NATURAL GAS

6.1 Crude Oil Production

Table - 37: Production of Crude Oil - December 2023

(In Thousand Tonnes)					
Name of the Unit	December 2023		December 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
A. Oil & Natural Gas corporation (ONGC)					
Gujarat	397.70	386.65	378.91	-2.78	2.04
Assam	93.60	88.32	87.61	-5.64	0.81
Tamil Nadu	18.53	19.86	21.01	7.18	-5.47
Offshore	1061.09	1101.79	1141.62	3.84	-3.49
Andhra Pradesh	15.76	16.87	19.60	7.04	-13.93
Tripura	0.16	0.16	0.22	0.00	-27.27
Total - A	1586.84	1613.65	1648.97	1.69	-2.14
B. Oil India Ltd. (OIL)					
Assam	280.99	282.04	268.44	0.37	5.07
Arunachal Pradesh	2.56	2.89	1.86	12.89	55.38
Rajasthan(Heavy Oil)	3.75	2.68	1.80	-28.53	48.89
Total - B	287.30	287.61	272.10	0.11	5.70
C. DGH (JVC/Private)	631.47	554.52	560.11	-12.19	-1.00
All India Total (A+B)	2505.61	2455.78	2481.18	-1.99	-1.02

Table - 38: Production of Crude Oil - April-December 2023

(In Thousand Tonnes)						
Name of the Unit	Annual Target 2023-2024	April-December 2023		April-December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-December 2023	Actual April-December 2022
A. Oil & Natural Gas corporation (ONGC)						
Gujarat	4656.00	3488.07	3389.55	3375.57	-2.82	0.41
Assam	1091.00	815.35	781.84	753.14	-4.11	3.81
Tamil Nadu	228.00	175.17	167.50	195.13	-4.38	-14.16
Offshore	13064.00	9908.88	9930.28	10245.75	0.22	-3.08
Andhra Pradesh	187.00	140.36	143.68	150.90	2.37	-4.78
Tripura	2.00	1.46	1.51	1.89	3.42	-20.11
Total - A	19227.54	14529.29	14414.36	14722.38	-0.79	-2.09
B. Oil India Ltd. (OIL)						
Assam	3301.00	2467.10	2459.77	2332.73	-0.30	5.45
Arunachal Pradesh	30.00	22.59	23.10	16.46	2.26	40.34
Rajasthan(Heavy Oil)	40.00	28.27	17.10	11.04	-39.51	54.89
Total - B	3371.00	2517.96	2499.97	2360.23	-0.71	5.92
C. DGH (JVC/Private)	7404.07	5522.92	5104.13	4995.01	-7.58	2.18
All India Total (A+B+C)	30003.07	22570.18	22018.46	22077.62	-2.44	-0.27

6.2 Crude Oil Processed

Table - 39: Crude Oil Processed - December 2023

(In Thousand Tonnes)

Name of the Unit	December 2023		December 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
BORL(Bina)	665.00	666.16	712.61	0.17	-6.52
BPCL, Kochi	1365.00	1563.39	1506.63	14.53	3.77
BPCL, Mumbai	1300.00	1390.34	1344.11	6.95	3.44
CPCL, Manali	930.00	820.50	960.42	-11.77	-14.57
CPCL, Narimanam (CBR)	0.00	0.00	0.00	-	-
EOL, Vadinar	1712.08	1729.73	1712.08	1.03	1.03
HMEL, GGSR, Bhatinda	1001.66	1109.95	1116.44	10.81	-0.58
HPCL, Mumbai	490.14	842.76	850.56	71.94	-0.92
HPCL, Vishakhapatnam	1118.00	811.81	818.38	-27.39	-0.80
IOC, Barauni	569.94	597.97	529.96	4.92	12.83
IOC, Bongaigaon	248.00	255.87	251.22	3.17	1.85
IOC, Digboi	62.00	69.08	61.96	11.42	11.49
IOC, Gujarat(Koyali)	1322.70	1330.24	1326.20	0.57	0.30
IOC, Guwahati	92.49	97.18	73.44	5.07	32.33
IOC, Haldia	724.65	726.88	731.49	0.31	-0.63
IOC, Mathura	855.60	815.41	879.89	-4.70	-7.33
IOC, Panipat	1155.64	1246.48	890.41	7.86	39.99
IOC, Paradip	1323.93	1387.38	1416.58	4.79	-2.06
MRPL, Mangalore	1475.00	1558.25	1504.05	5.64	3.60
NRL, Numaligarh	276.00	287.17	271.76	4.05	5.67
ONGC, Tatipaka	5.53	5.70	6.46	3.07	-11.76
RIL, Jamnagar	2840.86	2784.66	2840.86	-1.98	-1.98
RIL, SEZ	2467.05	2493.79	2467.05	1.08	1.08
All India Total	22001.27	22590.70	22272.56	2.68	1.43

Table - 40: Crude Oil Processed - April-December 2023

(In Thousand Tonnes)

Name of the Unit	Annual Target 2023-2024	April-December 2023		April- December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- December 2023	Actual April- December 2022
BORL(Bina)	7000.00	5050.00	5106.01	5769.22	1.11	-11.50
BPCL, Kochi	15800.00	11820.00	12965.45	11535.29	9.69	12.40
BPCL, Mumbai	14500.00	10700.00	11126.07	10504.48	3.98	5.92
CPCL, Manali	10200.00	7470.00	8554.66	8363.91	14.52	2.28
CPCL, Narimanam (CBR)	-	0.00	0.00	0.00	-	-
EOL, Vadinar	18692.45	13697.66	15239.30	13697.66	11.25	11.25
HMEL, GGSR, Bhatinda	11451.69	8507.10	9808.10	9500.28	15.29	3.24
HPCL, Mumbai	9002.38	6678.84	7561.60	7289.16	13.22	3.74
HPCL, Vishakhapatnam	12003.24	8703.32	8799.95	6843.11	1.11	28.60
IOC, Barauni	6630.00	4956.95	4952.34	5060.31	-0.09	-2.13
IOC, Bongaigaon	2750.03	2218.00	2265.06	2031.02	2.12	11.52
IOC, Digboi	690.00	518.00	507.87	533.65	-1.96	-4.83
IOC, Gujarat(Koyali)	14440.01	10556.80	11390.26	11748.24	7.90	-3.05
IOC, Guwahati	1000.14	728.19	692.21	802.76	-4.94	-13.77
IOC, Haldia	7619.98	5492.79	5903.51	6394.09	7.48	-7.67
IOC, Mathura	9200.30	6805.72	6849.92	7128.76	0.65	-3.91
IOC, Panipat	14320.00	10722.97	11292.54	9969.18	5.31	13.27
IOC, Paradip	15300.00	11413.52	11172.61	9563.38	-2.11	16.83
MRPL, Mangalore	15900.00	11600.00	12021.45	12724.44	3.63	-5.52
NRL, Numaligarh	2800.00	1987.00	1700.63	2358.23	-14.41	-27.89
ONGC, Tatipaka	63.04	46.71	48.31	55.89	3.43	-13.56
RIL, Jamnagar	34433.47	26187.40	25711.89	26187.40	-1.82	-1.82
RIL, SEZ	27871.76	20511.33	20929.49	20511.33	2.04	2.04
All India Total	251668.49	186372.30	194599.23	188571.79	4.41	3.20

6.3 Refinery Capacity Utilisation

Table - 41: Refinery Capacity Utilisation - December 2023

(In Thousand Tonnes)

Name of the Unit	December 2023			December 2022		
	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity
BORL(Bina)	661.00	666.16	100.8	662.00	712.61	107.7
BPCL, Kochi	1313.00	1563.39	119.1	1316.00	1506.63	114.5
BPCL, Mumbai	1016.00	1390.34	136.8	1019.00	1344.11	131.9
CPCL, Manali	889.00	820.50	92.3	892.00	960.42	107.7
CPCL, Narimanam (CBR)	0.00	0.00	-	0.00	0.00	-
EOL, Vadinar	1694.00	1729.73	102.1	1699.00	1712.08	100.8
HMEL, GGSF, Bhatinda	957.00	1109.95	116.0	960.00	1116.44	116.3
HPCL, Mumbai	805.00	842.76	104.7	807.00	850.56	105.4
HPCL, Vishakhapatnam	932.00	811.81	87.1	705.00	818.38	116.1
IOC, Barauni	508.00	597.97	117.7	510.00	529.96	103.9
IOC, Bongaigaon	229.00	255.87	111.7	229.00	251.22	109.7
IOC, Digboi	55.00	69.08	125.6	55.00	61.96	112.7
IOC, Gujarat(Koyali)	1160.00	1330.24	114.7	1164.00	1326.20	113.9
IOC, Guwahati	85.00	97.18	114.3	85.00	73.44	86.4
IOC, Haldia	678.00	726.88	107.2	679.00	731.49	107.7
IOC, Mathura	678.00	815.41	120.3	679.00	879.89	129.6
IOC, Panipat	1270.00	1246.48	98.2	1274.00	890.41	69.9
IOC, Paradip	1270.00	1387.38	109.2	1274.00	1416.58	111.2
MRPL, Mangalore	1270.00	1558.25	122.7	1274.00	1504.05	118.1
NRL, Numaligarh	254.00	287.17	113.1	255.00	271.76	106.6
ONGC, Tatipaka	6.00	5.70	95.0	6.00	6.46	107.7
RIL, Jamnagar	2795.00	2784.66	99.6	2803.00	2840.86	101.4
RIL, SEZ	2981.00	2493.79	83.7	2990.00	2467.05	82.5
All India Total	21506.00	22590.70	105.0	21337.00	22272.56	104.4

Table - 42: Refinery Capacity Utilisation - April-December 2023

(In Thousand Tonnes)

Name of the Unit	April-December 2023			April-December 2022		
	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity
BORL(Bina)	5861.00	5106.01	87.1	5877.00	5769.22	98.2
BPCL, Kochi	11646.00	12965.45	111.3	11678.00	11535.29	98.8
BPCL, Mumbai	9016.00	11126.07	123.4	9041.00	10504.48	116.2
CPCL, Manali	7889.00	8554.66	108.4	7911.00	8363.91	105.7
CPCL, Narimanam (CBR)	0.00	0.00	-	0.00	0.00	-
EOL, Vadinar	15027.00	15239.30	101.4	15068.00	13697.66	90.9
HMEL, GGSF, Bhatinda	8490.00	9808.10	115.5	8514.00	9500.28	111.6
HPCL, Mumbai	7138.00	7561.60	105.9	7158.00	7289.16	101.8
HPCL, Vishakhapatnam	8265.00	8799.95	106.5	6253.00	6843.11	109.4
IOC, Barauni	4508.00	4952.34	109.9	4521.00	5060.31	111.9
IOC, Bongaigaon	2029.00	2265.06	111.6	2034.00	2031.02	99.9
IOC, Digboi	488.00	507.87	104.1	490.00	533.65	108.9
IOC, Gujarat(Koyali)	10294.00	11390.26	110.7	10322.00	11748.24	113.8
IOC, Guwahati	751.00	692.21	92.2	753.00	802.76	106.6
IOC, Haldia	6011.00	5903.51	98.2	6027.00	6394.09	106.1
IOC, Mathura	6011.00	6849.92	114.0	6027.00	7128.76	118.3
IOC, Panipat	11270.00	11292.54	100.2	11301.00	9969.18	88.2
IOC, Paradip	11270.00	11172.61	99.1	11301.00	9563.38	84.6
MRPL, Mangalore	11270.00	12021.45	106.7	11301.00	12724.44	112.6
NRL, Numaligarh	2254.00	1700.63	75.5	2260.00	2358.23	104.4
ONGC, Tatipaka	50.00	48.31	96.6	50.00	55.89	111.8
RIL, Jamnagar	24798.00	25711.89	103.7	24863.00	26187.40	105.3
RIL, SEZ	26448.00	20929.49	79.1	26521.00	20511.33	77.3
All India Total	190784.00	194599.23	102.0	189271.00	188571.79	99.6

6.4 Natural Gas Production

Table - 43: Production of Natural Gas - December 2023

(In Million Cubic Metres)					
Area/State	December 2023		December 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		December 2023 Target	December 2022 Actual
A. Oil & Natural Gas corporation (ONGC)					
Gujarat	67.86	65.45	68.41	-3.55	-4.33
Assam	40.20	28.27	29.06	-29.68	-2.72
Tamil Nadu	93.06	73.56	85.30	-20.95	-13.76
Offshore	1264.55	1248.87	1287.33	-1.24	-2.99
Andhra Pradesh	89.47	63.05	60.68	-29.53	3.91
Tripura	127.64	126.18	149.20	-1.14	-15.43
Rajasthan	4.65	0.00	0.00	-100.00	-
Total - A	1687.43	1605.38	1679.98	-4.86	-4.44
B. Oil India Ltd. (OIL)					
Rajasthan	20.33	14.14	16.06	-30.45	-11.96
Assam	248.62	247.07	237.76	-0.62	3.92
Arunachal Pradesh	3.60	1.93	3.62	-46.39	-46.69
Total - B	272.55	263.14	257.44	-3.45	2.21
C. DGH (JVC/Private)	1335.97	1263.89	1013.63	-5.40	24.69
All India Total (A+B+C)	3295.95	3132.41	2951.05	-4.96	6.15

Table - 44: Production of Natural Gas - April-December 2023

(In Million Cubic Metres)						
Area/State	Annual Target 2023-2024	April-December 2023		April- December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- December 2023	Actual April- December 2022
A. Oil & Natural Gas corporation (ONGC)						
Gujarat	812.17	614.83	593.39	636.44	-3.49	-6.76
Assam	471.00	353.35	254.12	270.15	-28.08	-5.93
Tamil Nadu	1104.71	833.88	779.27	824.39	-6.55	-5.47
Offshore	15551.22	11770.19	11232.37	11554.75	-4.57	-2.79
Andhra Pradesh	957.16	684.49	515.31	533.61	-24.72	-3.43
Tripura	1608.04	1197.87	1175.90	1237.92	-1.83	-5.01
Rajasthan	54.75	41.25	0.00	0.00	-100.00	-
Total - A	20559.05	15495.86	14550.36	15057.26	-6.10	-3.37
B. Oil India Ltd. (OIL)						
Rajasthan	240.00	180.33	127.92	137.06	-29.06	-6.67
Assam	2865.42	2154.71	2155.89	2120.34	0.05	1.68
Arunachal Pradesh	49.57	32.88	27.12	37.26	-17.52	-27.21
Total - B	3154.99	2367.92	2310.93	2294.66	-2.41	0.71
C. DGH (JVC/Private)	14466.50	10523.68	10352.18	8516.08	-1.63	21.56
All India Total (A+B+C)	38180.54	28387.46	27213.47	25868.00	-4.14	5.20

7. ROADS

7.1 UPGRADATION OF NATIONAL HIGHWAYS

Table - 45: Performance of NHAI during - December 2023

Financial (Rs. in Crore)	December 2023		December 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
Total Expenditure	0.00	0.00	0.00	-	-
Physical					
Widening/ Strengthening/ existing weak pavement to two/four/six/eight lanes (Kms.)	681.39	576.19	417.00	-15.44	38.18
Construction of Bridges (Nos.)	0	0	0	-	-
Construction of bypass (Nos.)	0	0	0	-	-

Table - 46: Performance of NHAI during - April-December 2023

Financial (Rs. in Crore)	Annual Target 2023-2024	April-December 2023		April- December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- December 2023	Actual April- December 2022
Total Expenditure	0.00	0.00	0.00	0.00	-	-
Physical						
Widening/ Strengthening/ existing weak pavement to two/four/six/eight lanes (Kms.)	6544.00	3987.00	2984.00	2530.00	-25.16	17.94
Construction of Bridges (Nos.)		0	0	0	-	-
Construction of bypass (Nos.)		0	0	0	-	-

Table - 47: Performance of State PWD and BRO during - December 2023

Financial (Rs. in Crore)	December 2023		December 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target	Actual December 2022
Total Expenditure	0.00	0.00	0.00	-	-
Physical					
Improvement of low grade section (Kms.)	0.00	0.00	0.00	-	-
Widening to four/six/eight lanes (Kms.)	619.00	24.80	32.69	-	-24.14
Widening to two lanes (Kms.)		194.00	196.33	-	-1.19
Strengthening of existing weak pavement (Kms.)		83.90	203.38	-	-58.75
Rehabilitation/ Construction of Bridges (Nos.)		0	1	-	-100.00
Construction of bypasses (Nos.)		0	1.61	-	-100.00
Construction of Missing Links (Kms.)		0.00	3.99	-	-100.00
Improvement of riding quality prog.(IRQP) (Kms.)	150.00	112.10	193.26	-25.27	-42.00

Table - 48: Performance of State PWD and BRO during - April-December 2023

Financial (Rs. in Crores)	Annual Target 2023-2024	April-December 2023		April- December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- December 2023	Actual April- December 2022
Total Expenditure	0.00	0.00	0.00	0.00	-	-
Physical						
Improvement of low grade section (Kms.)	5155.00	0.00	0.00	0.00	-	-
Widening to four/six/eight lanes (Kms.)		3075.00	297.50	198.27	-	50.05
Widening to two lanes (Kms.)			1601.50	1094.06	-	46.38
Strengthening of existing weak pavement (Kms.)			798.00	1139.58	-	-29.97
Rehabilitation/ Construction of Bridges (Nos.)			0	5	-	-100.00
Construction of bypasses (Nos.)			0	1.86	-	-100.00
Construction of Missing Links (Kms.)			0.00	20.67	-	-100.00
Improvement of riding quality prog.(IRQP) (Kms.)		1100.00	1112.00	862.49	1.09	28.93

8. RAILWAYS

8.1 Revenue earning freight traffic

Table - 49: Revenue earning freight traffic - December 2023

(In Million Tonnes)

Commodity	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target December 2023	Actual December 2022
Coal	65.95	69.01	61.83	4.64	11.61
Raw material for steel plants except Iron Ore	2.55	3.27	3.04	28.24	7.57
Pig iron and finished steel	6.43	6.00	5.68	-6.69	5.63
Iron ore	15.59	16.55	13.99	6.16	18.30
Cement	14.13	12.32	12.75	-12.81	-3.37
Foodgrains	4.71	4.27	6.28	-9.34	-32.01
Fertilizers	5.07	5.77	5.23	13.81	10.33
Mineral Oil (POL)	4.46	4.34	4.34	-2.69	0.00
Container Service	7.81	7.71	7.10	-1.28	8.59
Balance other goods	12.14	9.78	10.43	-19.44	-6.23
Total	138.84	139.02	130.67	0.13	6.39

Table - 50: Revenue earning freight traffic - April-December 2023

(In Million Tonnes)

Commodity	Annual Target 2023-2024	April-December 2023		April- December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- December 2023	Actual April- December 2022
Coal	775.82	570.79	570.54	536.24	-0.04	6.40
Raw material for steel plants except Iron Ore	30.50	22.26	27.73	26.34	24.57	5.24
Pig iron and finished steel	75.00	54.35	51.20	48.03	-5.80	6.60
Iron ore	177.00	127.27	131.48	115.49	3.31	13.85
Cement	160.00	115.24	108.85	105.24	-5.54	3.43
Foodgrains	52.00	39.74	37.37	54.49	-5.96	-31.42
Fertilizers	55.40	41.85	45.84	42.57	9.53	7.68
Mineral Oil (POL)	50.68	37.69	37.46	36.48	-0.61	2.69
Container Service	87.22	63.88	63.38	58.24	-0.78	8.83
Balance other goods	139.38	100.47	80.80	86.29	-19.58	-6.36
Total	1603.00	1173.54	1154.65	1109.41	-1.61	4.08

9. SHIPPING & PORTS

9.1 Cargo handled at Major Ports

Table - 51: Cargo handled at major ports - December 2023

(In Thousand Tonnes)

Name of the port	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		December 2023	December 2022
Kolkata	NA	1566	1565	-	0.06
Haldia	NA	5201	4583	-	13.48
Paradip	NA	12603	12599	-	0.03
Vishakhapatnam	NA	6420	6575	-	-2.36
Chennai	NA	3755	4030	-	-6.82
V.O.Chidambaranar (Tuticorin)	NA	3101	3012	-	2.95
Cochin	NA	3119	3324	-	-6.17
New Mangalore	NA	4553	4031	-	12.95
Mormugao	NA	2028	1667	-	21.66
JN Port Trust (JNPT)	NA	7478	7626	-	-1.94
Mumbai	NA	5792	5821	-	-0.50
Kandla	NA	10891	11106	-	-1.94
Kamarajar (Ennore)	NA	3391	3523	-	-3.75
Total	NA	69898	69462	-	0.63

Table - 52: Cargo handled at major ports - April-December 2023

(In Thousand Tonnes)

Name of the port	Annual Target 2023-2024	April-December 2023		December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-December 2023	April-December 2022
Kolkata	NA	NA	13068	12408	-	5.32
Haldia	NA	NA	37048	35462	-	4.47
Paradip	NA	NA	105523	96812	-	9.00
Vishakhapatnam	NA	NA	60025	55127	-	8.88
Chennai	NA	NA	38383	36298	-	5.74
V.O.Chidambaranar (Tuticorin)	NA	NA	30303	27714	-	9.34
Cochin	NA	NA	26900	25275	-	6.43
New Mangalore	NA	NA	33126	29931	-	10.67
Mormugao	NA	NA	14611	12205	-	19.71
JN Port Trust (JNPT)	NA	NA	63914	61197	-	4.44
Mumbai	NA	NA	50143	47230	-	6.17
Kandla	NA	NA	98663	104441	-	-5.53
Kamarajar (Ennore)	NA	NA	33444	32601	-	2.59
Total	NA	NA	605151	576701	-	4.93

9.2 Coal handled at major ports

Table - 53: Coal handled at major ports - December 2023

(In Thousand Tonnes)

Name of the port	December 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		December 2023	December 2022
Kolkata	NA	448	386	-	16.06
Haldia	NA	2397	2132	-	12.43
Paradip	NA	5319	5557	-	-4.28
Vishakhapatnam	NA	1527	1498	-	1.94
Chennai	NA	0	0	-	-
V.O.Chidambaranar (Tuticorin)	NA	1541	1327	-	16.13
Cochin	NA	0	0	-	-
New Mangalore	NA	876	399	-	119.55
Mormugao	NA	740	865	-	-14.45
JN Port Trust (JNPT)	NA	0	0	-	-
Mumbai	NA	574	494	-	16.19
Kandla	NA	1471	1375	-	6.98
Kamarajar (Ennore)	NA	1771	2039	-	-13.14
Total	NA	16664	16072	-	3.70

Table - 54: Coal handled at major ports - April-December 2023

(In Thousand Tonnes)

Name of the port	Annual Target 2023-2024	April-December 2023		December 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-December 2023	April-December 2022
Kolkata	NA	NA	2130	1834	-	16.10
Haldia	NA	NA	16114	15326	-	5.10
Paradip	NA	NA	47071	46039	-	2.20
Vishakhapatnam	NA	NA	13234	14640	-	-9.60
Chennai	NA	NA	0	0	-	-
V.O.Chidambaranar (Tuticorin)	NA	NA	13665	11068	-	23.50
Cochin	NA	NA	0	0	-	-
New Mangalore	NA	NA	5433	3567	-	52.30
Mormugao	NA	NA	7662	7782	-	-1.50
JN Port Trust (JNPT)	NA	NA	0	0	-	-
Mumbai	NA	NA	6123	5117	-	19.70
Kandla	NA	NA	14575	17508	-	-16.80
Kamarajar (Ennore)	NA	NA	17667	17803	-	-0.80
Total	NA	NA	143674	140684	-	2.13

10. CIVIL AVIATION

10.1 Cargo handled at Airports

Table - 55: Airport-wise Cargo handled - December 2023

(In Metric Tonnes)

Airports/ Type		December 2023		handled during December 2022	% Variation Over	
		Target	Cargo handled		Target December 2023	Actual December 2022
Mumbai	Export	27588	28789	23964	4.35	20.14
	Import	24999	22971	21715	-8.11	5.78
Kolkata	Export	2638	2923	2512	10.83	16.37
	Import	1005	1102	957	9.66	15.15
Delhi	Export	23274	28761	22925	23.58	25.46
	Import	22068	25811	21737	16.97	18.74
Chennai	Export	9800	9399	9333	-4.09	0.71
	Import	12032	11663	11459	-3.07	1.78
Trivandrum	Export	1550	908	1051	-41.38	-13.57
	Import	21	11	14	-47.43	-22.50
Others	Export	23458	26192	24317	11.65	7.71
	Import	13185	14190	13936	7.62	1.82
Total	Export	88307	96973	84102	9.81	15.30
	Import	73309	75748	69818	3.33	8.49

Table - 56: Airport-wise Cargo handled - April-December 2023

(In Metric Tonnes)

Airports/ Type		Annual Target 2023-2024	April-December 2023		handled during April-December 2022	% Variation Over	
			Target	Cargo handled		Target April-December 2023	Actual April-December 2022
Mumbai	Export	325801	241971	236112	210182	-2.42	12.34
	Import	296028	225929	190585	196248	-15.64	-2.89
Kolkata	Export	34511	24155	25582	23003	5.91	11.21
	Import	11169	8606	8199	8197	-4.73	0.02
Delhi	Export	289735	214602	245716	211388	14.50	16.24
	Import	269116	207283	217551	204177	4.95	6.55
Chennai	Export	120639	91589	85950	87227	-6.16	-1.46
	Import	150256	114941	102068	109468	-11.20	-6.76
Trivandrum	Export	21770	16525	11679	11208	-29.32	4.20
	Import	230	174	115	116	-33.77	-0.86
Others	Export	284754	213867	234695	221475	9.74	5.97
	Import	153761	117798	115354	124393	-2.07	-7.27
Total	Export	1077210	802708	839734	764483	4.61	9.84
	Import	880560	674730	633872	642599	-6.06	-1.36

10.2 Passenger Traffic handled at Airports

Table - 57: Airport-wise Passenger Traffic handled - December 2023

(In Numbers)

Airports/ Terminal		December 2023		Traffic during December 2022	% Variation Over	
		Target	PAX Traffic		Target December 2023	Actual December 2022
Mumbai	International	1390113	1385529	1164657	-0.33	18.96
	Domestic	3180406	3504149	3174309	10.18	10.39
Kolkata	International	249845	229107	204811	-8.30	11.86
	Domestic	1674915	1601652	1445338	-4.37	10.82
Delhi	International	1487989	1852480	1543720	24.50	20.00
	Domestic	4272847	4771352	4606839	11.67	3.57
Chennai	International	563334	516217	457436	-8.36	12.85
	Domestic	1536001	1315616	1255135	-14.35	4.82
Trivandrum	International	182531	175319	154827	-3.95	13.24
	Domestic	192305	240199	175346	24.91	36.99
Others	International	2876150	2395363	2024340	-16.72	18.33
	Domestic	17432570	15999258	14709790	-8.22	8.77
Total	International	6749962	6554015	5549791	-2.90	18.09
	Domestic	28289044	27432226	25366757	-3.03	8.14
Total (International+Domestic)		35039006	33986241	30916548	-3.00	9.93

Table - 58: Airport-wise Passenger Traffic handled - April-December 2023

(In Numbers)

Airports/ Terminal		Annual Target 2023-2024	April-December 2023		Traffic during April-December 2022	% Variation Over	
			Target	PAX Traffic		Target April-December 2023	Actual April-December 2022
Mumbai	International	14740000	10976254	10478406	7862854	-4.54	33.26
	Domestic	35900000	27626047	28459342	23416152	3.02	21.54
Kolkata	International	2653991	1953223	1860501	1431191	-4.75	30.00
	Domestic	18963532	14127653	12884947	11632973	-8.80	10.76
Delhi	International	16207715	11976415	14079836	11256523	17.56	25.08
	Domestic	49393450	37736816	40395781	36332086	7.05	11.18
Chennai	International	6327653	4779756	4381709	3551714	-8.33	23.37
	Domestic	17140010	12922575	11412618	9937513	-11.68	14.84
Trivandrum	International	1970000	1480016	1507612	1330792	1.86	13.29
	Domestic	2040000	1491479	1723291	1231100	15.54	39.98
Others	International	30980642	22867817	18738906	15621399	-18.06	19.96
	Domestic	190153008	141441882	133357991	113107448	-5.72	17.90
Total	International	72880001	54033481	51046970	41054473	-5.53	24.34
	Domestic	313590000	235346452	228233970	195657272	-3.02	16.65
Total (International+Domestic)		386470001	289379933	279280940	236711745	-3.49	17.98

11. TELECOMMUNICATIONS

Table - 59: Performance of Telecommunication Sector - November 2023

Name of the Product/Sector	Nov-23		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		November 2023	November 2022
Net addition in switching capacity - wireline & wireless (WLL+GSM) (in Lines)					
a) Public Sector	*	\$	\$	-	-
b) Private Sector	*	\$	\$	-	-
Total	*	\$	\$	-	-
Provision of net new DELs Telephone connections wireline (Fixed) (in Numbers)					
a) Public Sector	*	8774	-56622	-	-
b) Private Sector	*	281037	369378	-	-23.92
Total	*	289811	312756	-	-7.34
Provision of net new Wireless (Mobile) connections (WLL+GSM) (in Numbers)					
a) Public Sector	*	-864199	-1101051	-	-
b) Private Sector	*	4121382	655995	-	528.26
Total	*	3257183	-445056	-	-

Table - 60: Performance of Telecommunication Sector - April-November 2023

Name of the Product/Sector	Annual Target 2023-2024	April-November 2023		November 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-November 2023	April-November 2022
Net addition in switching capacity - wireline & wireless (WLL+GSM) (in Lines)						
a) Public Sector	*	*	\$	\$	-	-
b) Private Sector	*	*	\$	\$	-	-
Total	*	*	\$	\$	-	-
Provision of net new DELs Telephone connections wireline (Fixed) (in Numbers)						
a) Public Sector	*	*	-1228895	-625337	-	-
b) Private Sector	*	*	3526873	2886412	-	22.19
Total	*	*	2297978	2261075	-	1.63
Provision of net new Wireless (Mobile) connections (WLL+GSM) (in Numbers)						
a) Public Sector	*	*	-11976666	-6591602	-	-
b) Private Sector	*	*	22222182	7585337	-	192.96
Total	*	*	10245516	993735	-	931.01



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