

REVIEW OF INFRASTRUCTURE SECTOR PERFORMANCE

(September-2023)



**GOVERNMENT OF INDIA
MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION
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PERFORMANCE OF INFRASTRUCTURE SECTORS (September, 2023 and April - September, 2023)

Performance during September, 2023 w.r.t target for the month

During the month of September 2023, Power generation (excluding Renewable energy), Fertilizers production (including Urea), Crude Oil Processed pertaining to Petroleum & Natural Gas Sector, Upgradation (Widening to two/four/six/eight lanes and strengthening of existing weak pavement) of Highways by State PWD and Border Road organization (BRO), Revenue earning goods Traffic in Railways, and Export cargo handled at airports were **higher** than the target for the month. Production of Coal (excluding Lignite), Crude oil and Natural Gas Production pertaining to Petroleum & Natural Gas Sector, Upgradation (Widening to two/four/six/eight lanes and strengthening of existing weak pavement) of the Highways by NHAI, Import cargo handled at airports and passengers traffic handled at Domestic & International terminals were **lower** than the target for the month. (Ref Graph A below)

Performance during September, 2023 w.r.t September, 2022

Power generation, production of Coal, Finished steel production, Cement Production, Fertilizers Production, Crude oil processed & Natural gas production pertaining to Petroleum & Natural Gas Sector, revenue earning goods Traffic in Railways, Passenger traffic in railways, Cargo handled at major ports, Export cargo handled at airports, Passengers traffic handled at International & Domestic terminals, Telecom Net new wireless connections provided & Telecom towers (including BTS) were **higher** than the performance during the corresponding month of the previous year. Crude oil production pertaining to Petroleum & Natural Gas Sector, Coal handled at major ports, Upgradation of the highways (Widening to two/four/six/eight lanes and strengthening of existing weak pavement) by NHAI and State PWD and Border Road organization (BRO), Coal handled at major ports, Import cargo handled at airports and Telecom Net new

wireline (Fixed) Telephone connections were **lower** than the performance during the corresponding month of the previous year. (Ref Graph B below).

Performance during April – September, 2023 w.r.t target for the period

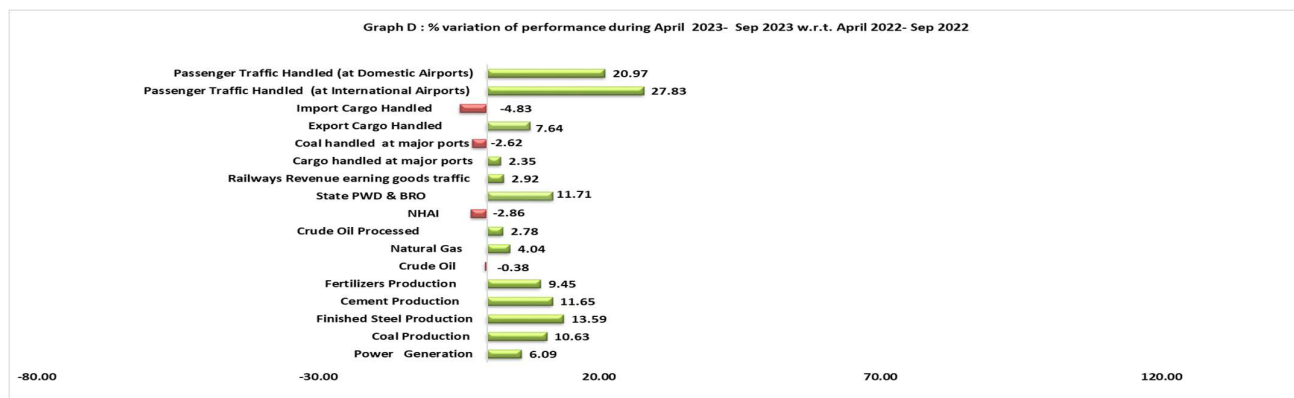
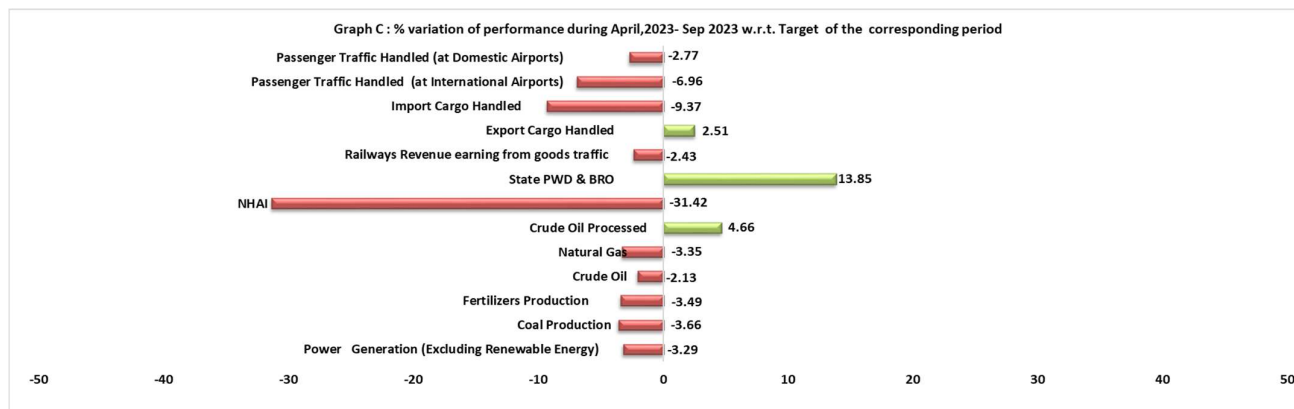
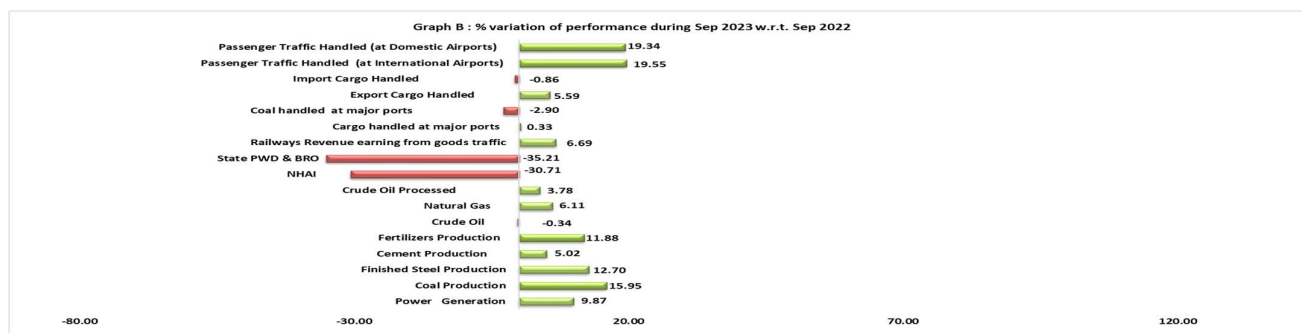
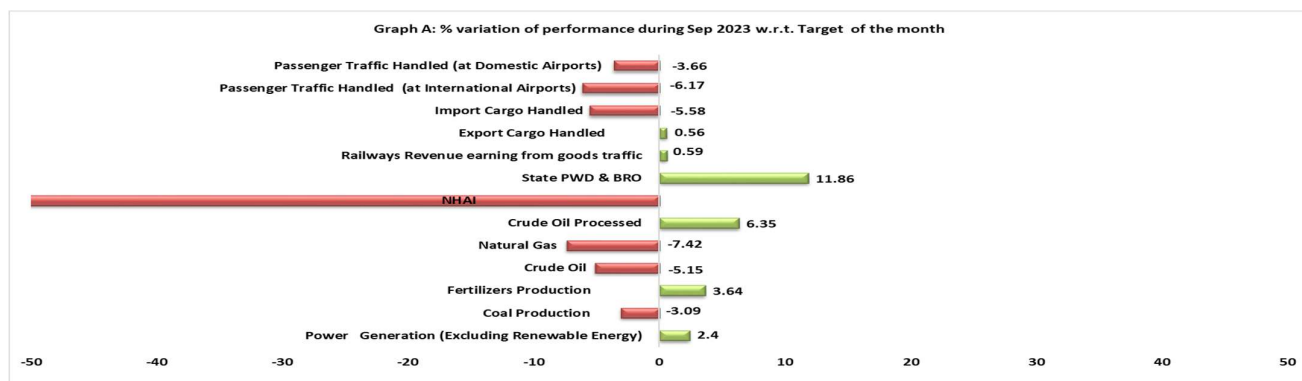
During April - September, 2023, Crude Oil Processed pertaining to Petroleum & Natural Gas Sector, Upgradation (Widening to two/four/six/eight lanes and strengthening of existing weak pavement) of Highways by State PWD and Border Road organization (BRO), and Export cargo handled at airports were **higher** than the target for the period. During the period, Power generation (excluding Renewable energy), Production of Coal(excluding Lignite), Fertilizers production, Crude oil and Natural gas production pertaining to Petroleum & Natural Gas Sector, Upgradation (Widening to two/four/six/eight lanes and strengthening of existing weak pavement) of the highways by NHAI, Revenue earning goods Traffic in Railways, Import cargo handled at airports and passengers traffic handled at International & Domestic terminals were **lower** than the target for the month. (Ref Graph C below)

Performance during April – September, 2023 w.r.t April – September, 2022

Power generation, Coal Production, Finished steel production, Cement production, Fertilizers production, Crude oil processed & Natural gas production pertaining to Petroleum & Natural Gas Sector, Upgradation (Widening to two/four/six/eight lanes and strengthening of existing weak pavement) of Highways by State PWD and Border Road organization (BRO), revenue earning goods Traffic in Railways, Passenger traffic in railways, Cargo handled at major ports, Export cargo handled at airports, Passenger traffic handled at Domestic and International terminals and Telecom Net new wireline (Fixed) Telephone connections and Telecom Towers (including BTS) were **higher** than the performance during the corresponding

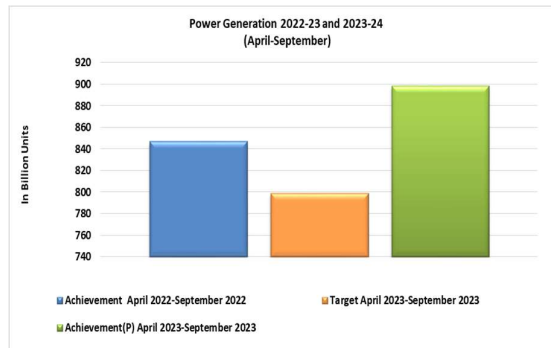
period of the previous year. The Production of Crude oil pertaining to Petroleum & Natural Gas Sector, Upgradation (Widening to two/four/six/eight lanes and strengthening of existing weak pavement) of highways by NHAI,

Coal handled at major ports, Import cargo handled at airports, and Net new wireless connections provided than the performance during the corresponding period of the previous year. (Ref Graph D below



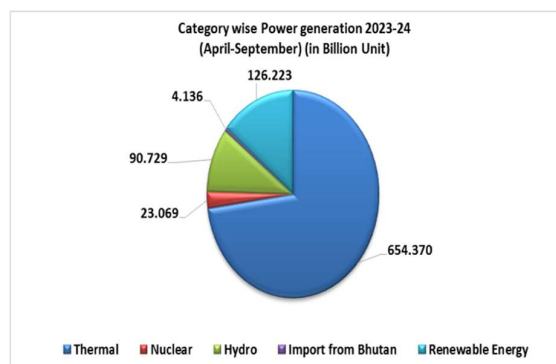
1. POWER

1.1 During September, 2023, the total power generation including power generation in private sector at 150.45 Billion Units (BU) was 18.02% **higher** than the target for the month and 9.87% **higher** than the performance during the corresponding month of the previous year.

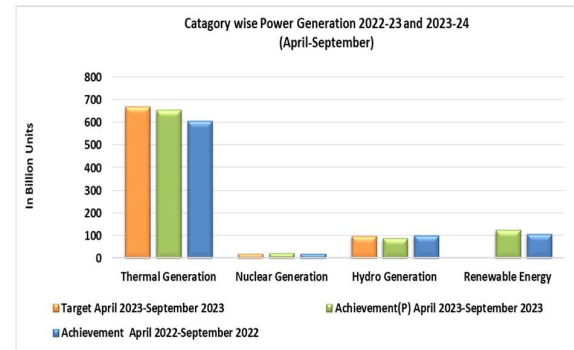


The above graph depicts that during April - September, 2023, the overall power generation including power generation in private sector at 898.526 Billion Units (BU) was 12.51% **higher** than the targets for the period and 6.09% **higher** than the power generation during the corresponding period of the previous year.

During April - September, 2023 the share of thermal, nuclear, hydro power plants and renewable energy in power generation was 72.84%, 2.57%, 10.10% and 14.05% respectively. The overall growth of power generation during April - September, 2023 has **decreased** to 6.09% compared to the (+)10.77% achieved during April - September, 2022.



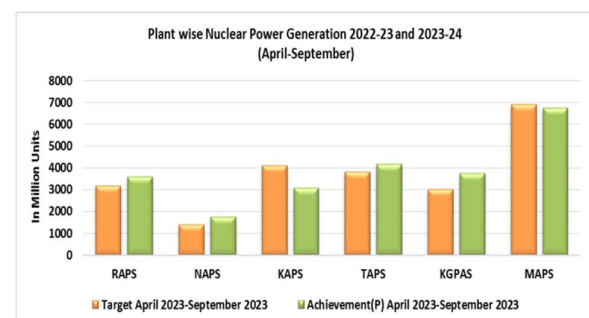
The graph depicts category wise power generation during April - September, 2023 with respect to targets for the period and generation during April - September, 2022.



1.2 Thermal power generation during April - September, 2023 at 654.370 BU was 2.56% **lower** than the target for the period and 7.89% **higher** than the power generation during the corresponding period of the previous year. Thermal Plant Load Factor (PLF) at 68.23% was **lower** than the target of 68.39% for the period and **higher** than the PLF of 64.04% achieved during the corresponding period of the previous year.

The Nuclear power generation at 23.07 BU during April-September, 2023 was 2.91% **higher** than the target for the period and 5.19% **higher** than the nuclear generation during the corresponding period of the previous year. Nuclear PLF at 73.65% was **higher** than the target of 66.85% for the period and **higher** than the achievement of 73.64% during the corresponding period of the previous year.

The Plant wise Nuclear Power Generation April - September, 2023 with respect to Target of the same period is shown in below graph.

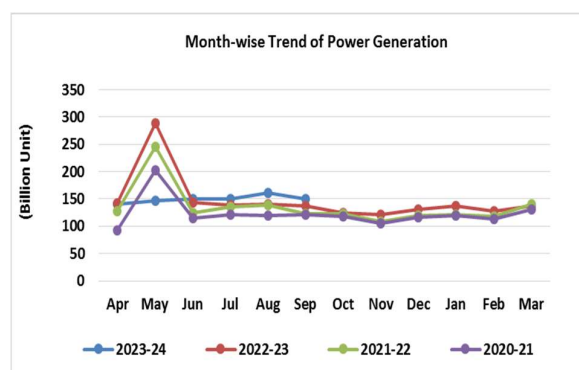


1.3 During April - September, 2023, Hydro power generation at 90.73 BU was

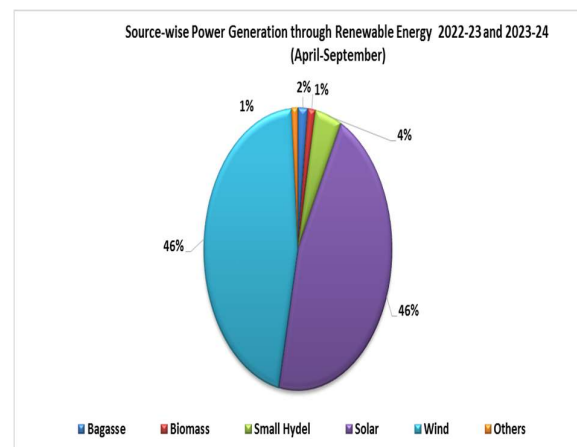
9.31% **lower** than the target as well as 12.13% **lower** than the achievements during corresponding period of the previous year.

1.4 During April - September, 2023, Renewable energy generation at 126.22 BU (excluding Large Hydro), was 14.93% **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.**

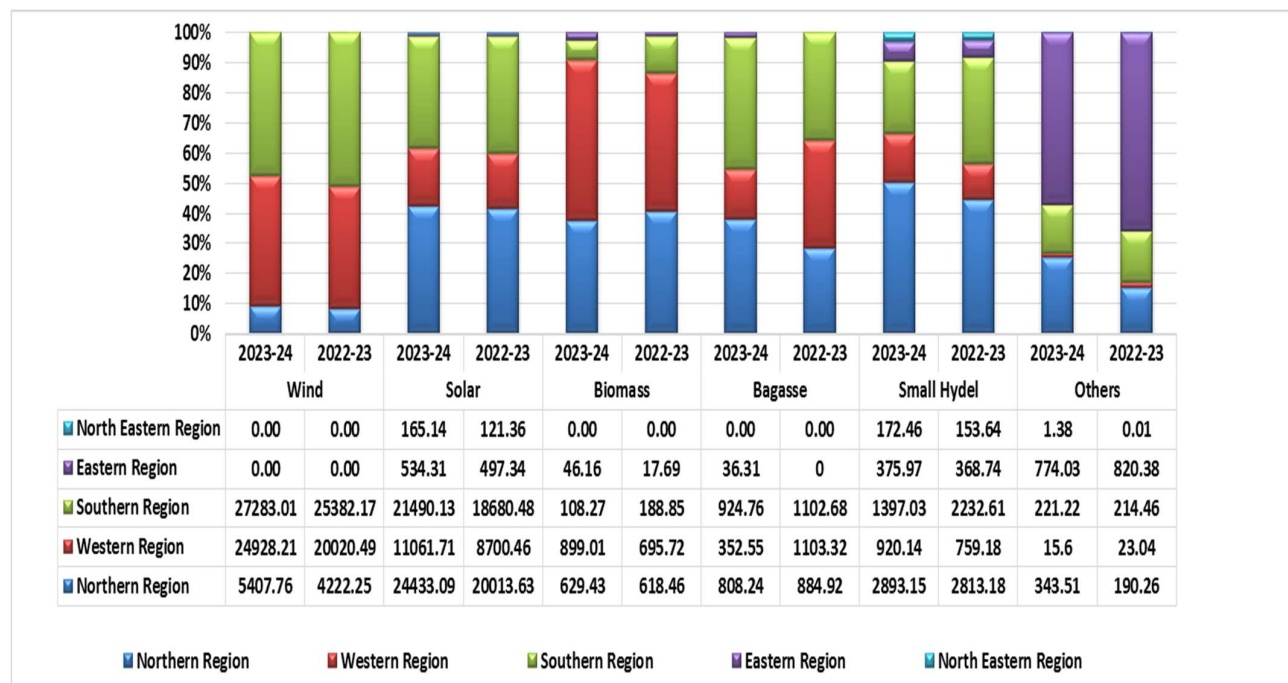
The Month Wise Trend of Power Generation during FY 2020-21, FY 2021-22, FY 2022-23 and (April-September) FY 2023-24 is given in the chart shown below:



1.5 The Share of Source-wise Power Generation through Renewable Energy April - September, 2023 is shown in below chart.:

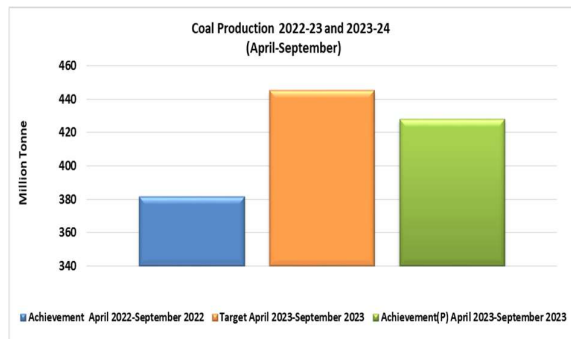


1.6 The graph given below depicts the comparison between current year and previous year in two dimensions i.e. **Region- wise as well as generation of renewable energy from various sources**



2. COAL

2.1 During September, 2023, the coal production (includes production of private sector) at 67.33 Million Tonnes (MT) was 3.09% **lower** than the target for month and 15.95% **higher** than the production during the corresponding month of the previous year. Also the Lignite production stands at 2.73 MT, as of September, 2023.



Above graph depicts that, coal production during April - September, 2023, at 428.36 Million Tonnes (MT) were 3.66% **lower** than the target for the period and 12.07% **higher** than the production during the corresponding period of the previous year. The coal production of all coal companies except ECL, CCL, WCL, MCL, NEC & SCCL were **higher** than the targets for the period.

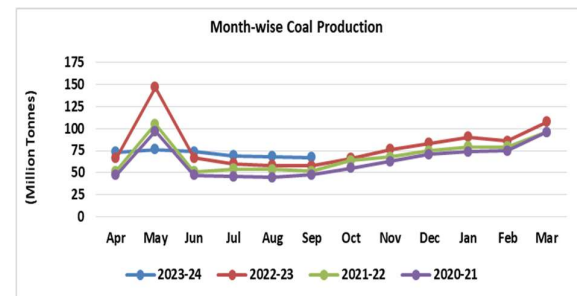
During the April - September, 2023, 26.38 MT coking coal was produced by Coal India Ltd (CIL) and other companies produced 3.21 MT coking coal. The CIL also provided 0.69 MT of washed coal during the period.

2.2 During April - September, 2023, 462.47 MT coal was dispatched which was 3.68% **lower** than the target for the period and 11.04% **higher** than the coal dispatched during the corresponding period of the previous year as shown in figure below.

2.3 As on 30th September, 2023, 50.57 MT coal was lying at the pitheads compared to 35.57 MT during September, 2022.

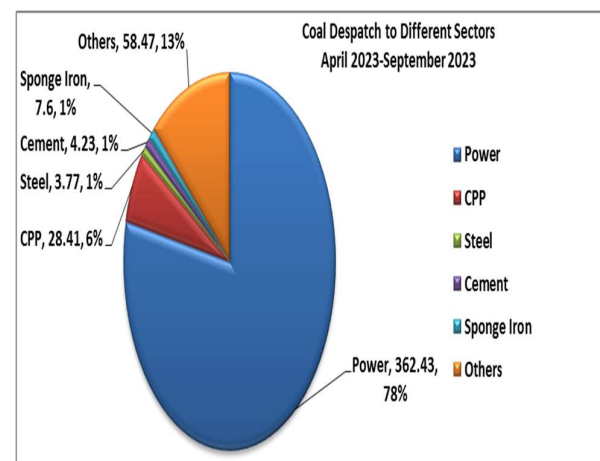
The monthly trend of coal production during FY 2020-21, FY 2021-22, FY 2022-23 and (April-September) FY

2023-24 is given in the chart shown below:



India's coal production increased by 15.91% to 67.27 MT from 58.04 MT during Sept'23 as compared to Sept'22. During Sept'23, CIL and Captives/Others registered a growth of 12.63% & 46.87% by producing 51.44 MT & 10.93 MT of coal respectively. Whereas SCCL registered negative growth of 0.49.

The Power utilities Despatch has increased by 14.22% to 58.66 MT during Sept'23 as compared to 51.36 MT during Sept'22. The Coal Despatch to different sectors for April-September, 2023 is shown in below chart:



3. FINISHED STEEL

3.1 The production of **finished steel** including production in the private sector, during September, 2023 at 10.94 Million Tonnes (MT) was 12.70% **higher** than the production during the corresponding month of the previous year.

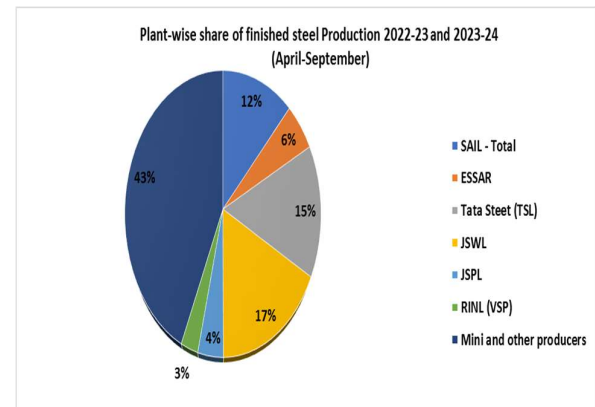


Above graph depicts that, production of finished steel including production in private sector during April - September, 2023 at 66.29 MT was 13.59% **higher** than the production during the corresponding period of the previous year. The growth rate is **increased** to (+)13.59% compared to (+)8.20% achieved during April-September, 2022. During this period, the capacity utilization of SAIL at 113.50% was **higher** than the capacity utilized 101.40% during April - September, 2022.

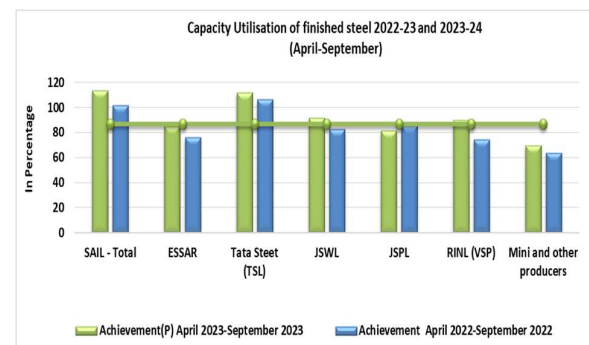
3.2 During April - September, 2023, the production at SAIL steel plants at 8.08 MT was 11.90% **higher** than the production during the corresponding period of the previous year. However, the total production (All India) of the finished steel could not be compared with the targets as the reporting agency (Joint Plant Committee (JPC), M/o Steel) has not been reporting the targets for main producers (JSWL, ESSAR and JSPL) and secondary producers.

3.3 The Plant-wise share of finished steel Production April - September, 2023 is given in below chart. The main producers (SAIL + ESSAR + Tata Steel + JSWL + JSPL + VSP) produced 37.63 MT finished steel; accounted for 56.76% of the total (All India)

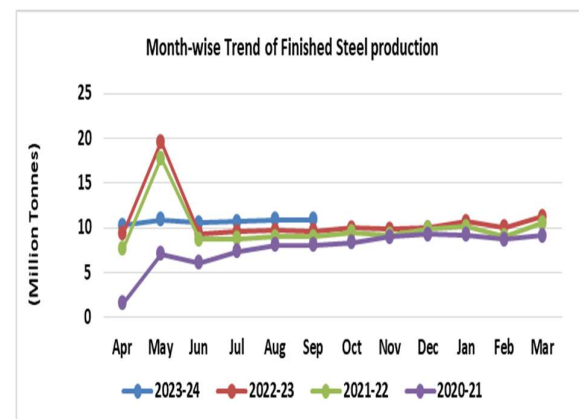
finished steel production. During the period, the share of **SAIL** was 12.19% in total (All India) finished steel production.



3.4. During April - September, 2023, the capacity utilization of finished steel of all India is at 83.60%. However, the capacity utilization of SAIL and Tata Steel are highest among the main producers as shown in below figure.

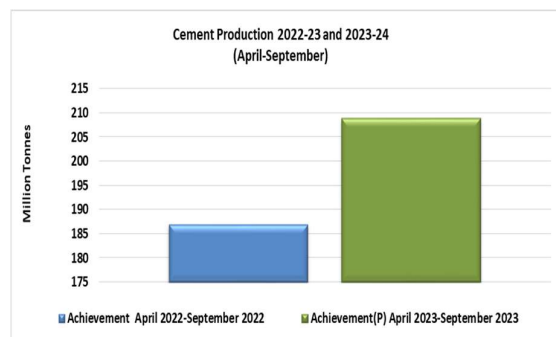


The monthly trend of finished steel production during FY 2020-21, FY 2021-22, FY 2022-23 and (April-September) FY 2023-24 is given in the chart shown below:



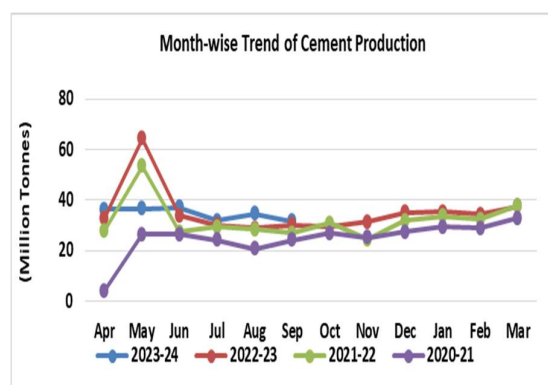
4. CEMENT

4.1 During the month of September, 2023, the cement production at 31.76 Million Tonnes (MT) was 5.02% **higher** than the production of 30.24 MT in the corresponding month of the previous year.



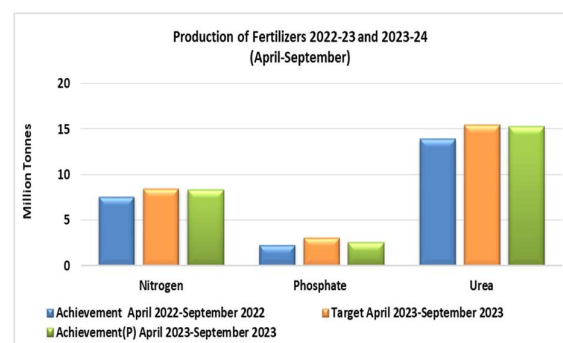
Above graph depicts that during April - September, 2023, the cement production at 208.89 MT was 11.65% **higher** than the production during the corresponding period of the last year. The growth rate has **increased** to (+)11.65% compared to (+)10.94% growth achieved during April - September, 2022.

The monthly trend of Cement production during FY 2020-21, FY 2021-22, FY 2022-23 and (April-September) FY 2023-24 is given in the chart shown below:



5. FERTILIZER

5.1 The production of fertilizers (excluding Urea) across public, private and cooperative sectors during September, 2023 accounts for 1.86 Million Tonnes (MT) was **lower** than the target by 2.15% and **higher** than the production during the corresponding month of the previous year by 8.18%.



Above chart depicts overall production of fertilizers during **April - September 2023**.

5.2 During April - September, 2023, the overall production of fertilizers (excluding Urea) including production in private sector at 10.98 MT was 6.19% **lower** than the target for the period and 9.23% **higher** than the production during the same period of 2022.

5.3 During April - September, 2023, the overall production of **nitrogenous fertilizers** at 8.37 MT was 1.60% **lower** than the target for the period and 9.22% **higher** than the production during the same period of 2022

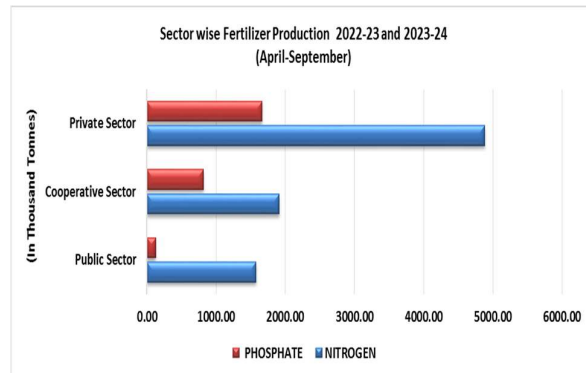
5.4 During September 2023, the **phosphates** at 4.25 MT was 21.27% **lower** than the target for the period and 1.14% **lower** than the production during the corresponding period of the previous year.

5.5 The production of **neem coated urea** including production in private sector during April - September, 2023 at 15.27 Million Tonnes (MT) was 1.45% **lower** than the target and 9.62% **higher** than the

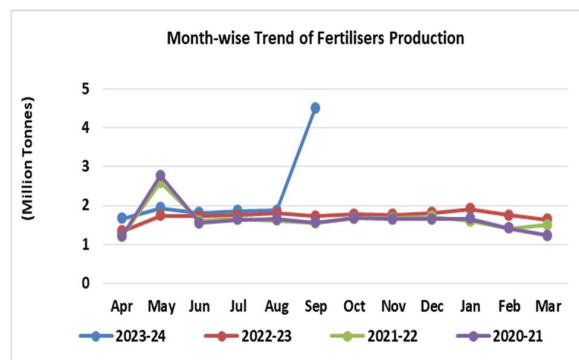
production during the corresponding month of the previous year.

5.7 During April - September, 2023, 99.50% capacity of fertilizer industries was utilized, which was higher than the 91.10% capacity utilized during the corresponding period of the previous year.

5.8 Sector wise Production of fertilizers (excluding Urea) for the April - September, 2023 is given below in the graphs.



The monthly trend of fertilizer production during FY 2020-21, FY 2021-22, FY 2022-23 and (April-September) FY 2023-24 is given in the chart shown below:



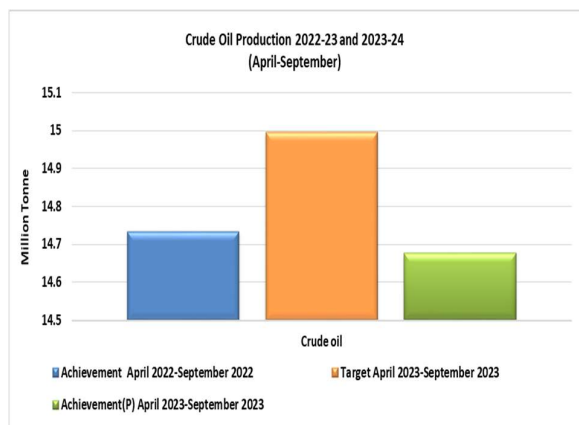
Reasons of shortfall in production during the month of September 2023:

- **GSFC: SIKKA** - As per production planning and raw material PA shortage.
- **KFL: SHAHJAHANPUR** - Less production due to breakdown of Unit - 21 of Urea plant & upstream ammonia plant interruption due absorber's LG leakage.

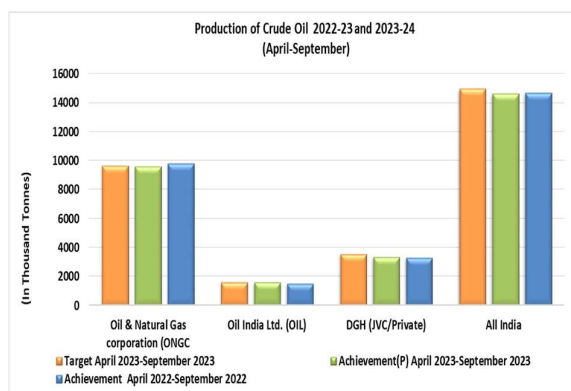
- **IFFCO: KALOL** - Production was low due to non-availability of Ammonia & CO2 on account of Maintenance in Ammonia Plant (problem in ID Fan turbine & leakage in Ammonia convertor).
- **IFFCO: PHULPUR - I** Production was low due to Annual Plant Turnaround.
- **GSFC: VADODARA - IFFCO: KANDLA** Production was low due to Preventive Maintenance & limitation in availability of Phosphoric Acid.
- **IFFCO: PARADEEP** - Production was low due to Preventive Maintenance & limitation in availability of Ammonia.
- **GSFC: VADODARA - APS** Plant low production due to Shortage of raw materials and Mechanical maintenance job.
- **NFCL: I** - Unit-I shutdown was taken from 22nd to 28th Sep 2023 due to Ammonia plant Primary Reformer catalyst tube leak.
- **NFCL: II** - Unit-II shutdown was taken on 29th Sep 2023 due to Ammonia plant Primary Reformer catalyst tube leak.
- **SPI: TUTICORIN** - Plant Maintenance.
- **NFL: VIJAYPUR - I** Due to sudden failure of Primary Reformer tube in Ammonia Plant.
- **RCF: TROMBAY** - Plant was under shutdown from 27/09/23 to 30/09/23 to attend PIC-8 Ejector Job.

6. PETROLEUM & NATURAL GAS

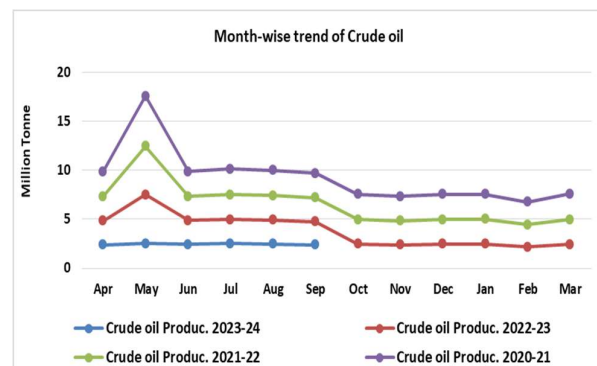
6.1 Production of crude oil including production in private sector during September, 2023, at 2.38 Million Tonnes (MT) was 5.16% **lower** than the target for the month and 0.35% **lower** than the production during the corresponding month of the previous year.



Above graph depicts that crude oil production including production in private sector during April - September, 2023. During April - September, 2023, production of Crude Oil i.e. 14.68 MT was 2.13% **lower** than the target for the period and 0.38% **lower** than the production during the corresponding period of the previous year as shown in below figure:



The monthly trend of crude oil during FY 2020-21, FY 2021-22, FY 2022-23 and (April-September) FY 2023-24 is given in the chart shown below:



The reasons for shortfall in production are as under:

ONGC

- Less than planned Production from WO-16.
- Oil wells of KG-DWN-98/2 Cluster-II are not yet put on production due to delay in project.
- Losses due to operational issues like unplanned Power shut down, Flowing Well Falling Sick and water cut increase in Nandasan & Santhal. Also liquid decline & water cut increase in Lanwa, Jotana, in Mehsana Asset.
- Water cut increase and potential decline in Gandhar, Ankleshwar and Jambusar fields in Ankleshwar Asset.
- Liquid decline in Geleki N Geleki, Changmaigaon & Disangmukh fields & stoppage of G/L compressor in Laiplingaon due to local issues.
- Closure of wells for reservoir management and to reduce flaring, EC/FC & DAB issue and Liquid decline & W/C increase in Khoraghat field in Jorhat Asset.

OIL

- Less than planned contribution from workover wells.
- Less than planned contribution from drilling wells.

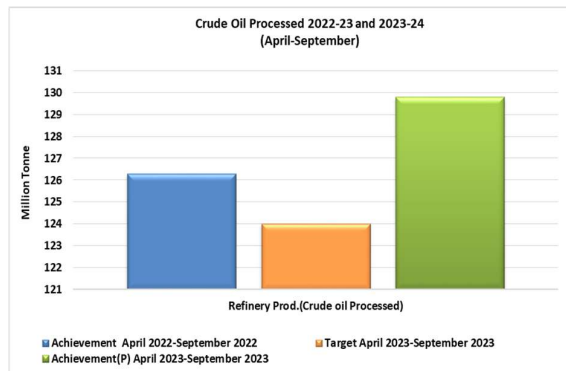
Pvt/JVs

- KG-DWN-98/2 (ONGC): Oil production could not commence due to project delay
- RJ-ON-90/1 (VEDANTA): Production shortfall due to well failures and unplanned downtime in Bhagyam; Artificial

lift issues in few wells in Aishwarya; workover in well NI-2 ST; delayed hook-up of 4 wells in Raageshwari Oil; Tukaram-4 shut-in & sanding issues in Tukaram-5 and Rod stuck up in Tukaram-1Z; High water cut in GSV fields; Downhole pump issues in Sucker Rd Pump wells in GUDA.

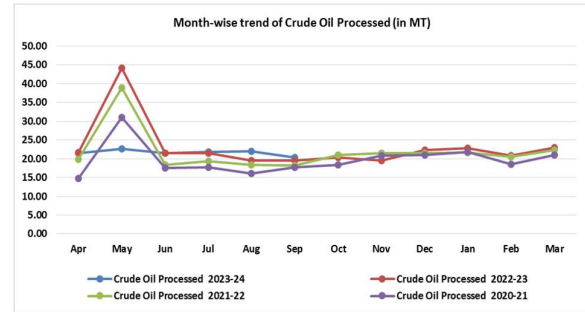
- PY-3 (HARDY): Production commencement delayed due to the unavailability of subsea equipment.
- RAVVA (VEDANTA): Production from well RB-3ST deferred and planned shutdown for 3 days.
- CB-ONN-2003/1 (SUN): Delay in drilling of additional proposed wells. frequent Power failure resulting in stoppage of wells having Artificial Lift wells.

6.2 Crude Oil Processed including production in private sector during September, 2023, at 20.29 Million Tonnes (MT) was 6.35% **higher** than the target for the month and 3.78% **higher** than the production during the corresponding month of the previous year.



Crude Oil Processed including production in private sector during April - September, 2023 at 129.81 MT was 4.66% **higher** than the target for the period and 2.78% **higher** than the production during the corresponding period of the previous year. The growth has **decreased** to (+)2.78% compared to (+)11.49% achieved during April-September, 2022.

The monthly trend of Crude Oil Processed during FY 2020-21, FY 2021-22, FY 2022-23 and (April-September) FY 2023-24 is given in the chart shown below:

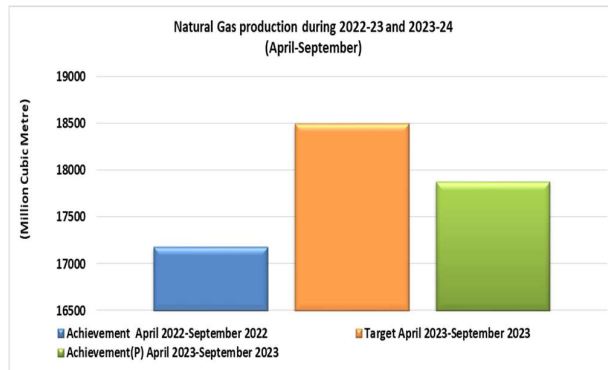


During the period, the overall capacity utilization was 102.3% i.e. 129.81 MT which was **higher** than the utilization of 100.3% i.e. 126.30 MT during April-September, 2022.

The reasons for shortfall of lower crude throughput are as under:

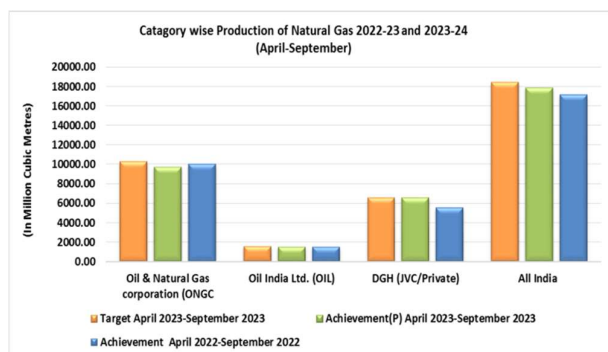
- **IOCL-Gujarat Refinery:** Crude processed lower due deferment of shutdown.
- **IOCL-Halidia Refinery:** Crude processed lower due deferment of shutdown.
- **IOCL-Digboi Refinery:** Crude processed lower due stabilization of Diesel Hydro-treating (DHDT) unit post catalyst changeover.
- **IOCL-Panipat Refinery:** Crude processed lower due low HSD and black oil demand.
- **IOCL-Paradip Refinery:** Crude processed lower due low HSD demand.
- **BPCL-Kochi Refinery:** Crude processed lower due delay in VGOHDS and MSBP Continuous Catalytic reforming (CCR) unit shutdown completion.

6.3 Natural Gas production including production in private sector, at 3026.61 Million Cubic Meters (MCM) during September, 2023 was 7.42% **lower** than the target for the month and 6.11% **higher** than the production during the corresponding month of the previous year.



Above graph depicts that production of natural gas including production in private sector during April - September, 2023 at 17878.91 Million Cubic Metres (MCM).

The production of natural gas including production in private during April - September, 2023 was 3.35% **lower** than the target for the period and 4.04% **higher** than the production during the previous year period, as shown in below figure.



Reasons for shortfall in production are as under:

ONGC

- KG-98/2 Cluster-2: Wells are producing less than estimated profile. Also there is no production of associated gas from oil wells due to delay in project.
- Less than planned gas production from WO-16.
- Less than anticipated production from Bassein and Daman fields
- Delay in drilling of new wells due to pending EC/FC in Gojalia, Tichna, Baramura fields & line laying for

connection of wells in Gojalia & Baramura fields due to ROU in Tripura Asset.

- Rajahmundry Asset: Delay in commencement of production from Bantumilli South and monetization of Madupalli & Billakuru fields. Decline in Kesavadasupalem & Kesanapalli West field.
- Less gas offtake and consumer and restriction on new drilling and well servicing jobs due to socio-political issues in Cauvery Asset in the state of Tamilnadu.
- Potential decline and ceasure of wells in Gandhar, Jambusar, Dahej & Olpad fields in Ankleshwar Asset.
- Closure of wells for reservoir management & flare control, consumer issues, disputed area belt (DAB) issues in Jorhat.
- Production Decline in free gas wells of Laiplingaon fields and less associated gas due to decline in oil and GOR in Assam Asset.

OIL

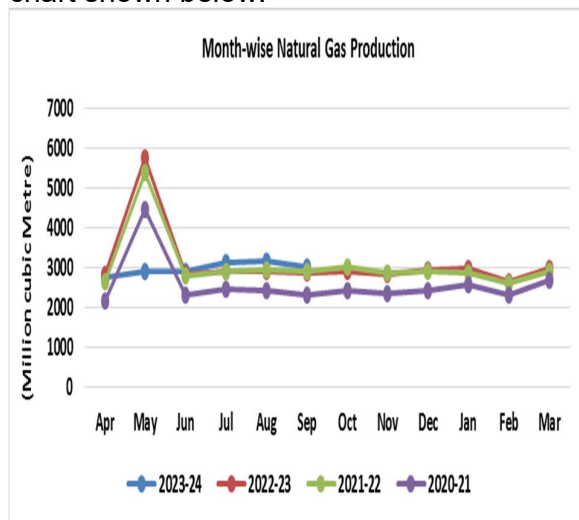
- Less than planned contribution from workover wells and drilling wells.
- Loss due to operational reasons.

Pvt/JVs

- KG-DWN-98/2 (ONGC): Wells in U-field are producing less than estimated profile. One well U-1-B closed for few days for well intervention job. Further there is no production of associated gas from oil wells due to delay in project.
- RJ-ON-90/1 (VEDANTA): Natural decline in existing wells and ongoing ramp-up in infill wells of RDG Field
- RJ-ON/6 (FEL): Less production due to buyer plant shutdown and natural decline from wells.
- AAP-ON94/1 (HOEC): Production shortfall due to low consumer demand of Natural Gas.
- MB/OSDSF/B80/2016 (HOEC): 01 well shut-in due wax deposition in Crude

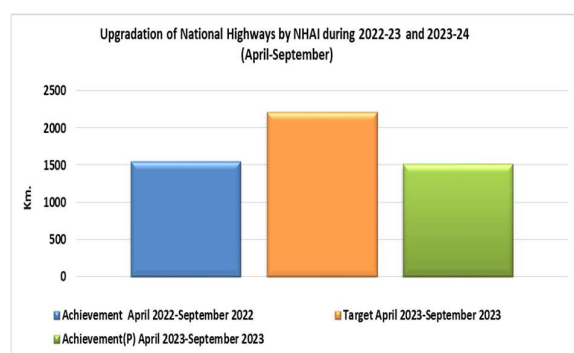
evacuation pipeline. Partially cleared the export pipeline. Flow improver injection in progress.

The monthly trend of Natural Gas Production is shown during FY 2020-21, FY 2021-22, FY 2022-23 and (April-September) FY 2023-24 is given in the chart shown below:



7. ROADS

7.1 During the month of September, 2023, National Highways Authority of India (NHAI) upgraded (Widening to two/four/six/eight lanes and strengthening of existing weak pavement) 132.00 kms of highways which was 50.93% **lower** than the target for the month and 30.71% lower than the corresponding month of the previous year. During September, 2023, State PWD and Border Road Organisation (BRO) widened 144.90 kms of two/four/six/eight lanes, strengthened 11.70 km of existing weak pavement.



Above chart depicts that during April - September, 2023, the National Highways Authority of India (NHAI) have widened and strengthened 1517.00 Kilometers of National Highways to two/four/six/eight lanes recording a negative growth of 2.86% over the achievement of 1561.70 Kms during April-September, 2022.

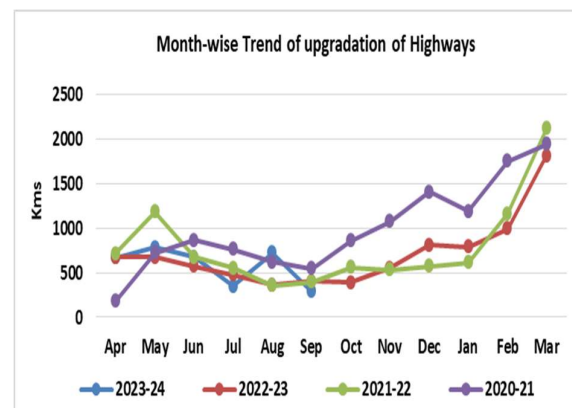
7.2 During April - September, 2023, the State PWD and Border Road Organisation (BRO) have widened 211.90 Kms to four/six/eight lanes, 1061.30 Kms to two lanes and strengthened 459.60 Kms of

existing weak pavements. In addition, riding quality of 796 Km has also been improved.

The following issues mostly lead to slow progress/shortfall in construction:

- Delay in Land acquisitions & Rehabilitations
- Delay in Clearances- Forest/Wildlife/Environment
- Delay in GAD approval of ROB/RUB
- Delay in Utility Shifting
- Contractual issues
- Slow progress by Contractor
- Financial issues/ Cash flow of Contractor
- Force Majeure Events due to COVID 19, Heavy Rainfall/Flood etc.
- Litigation issues

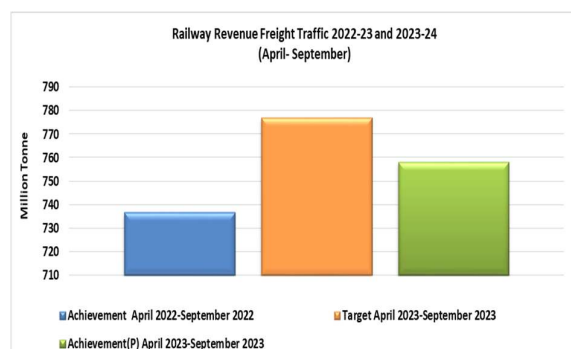
The monthly trend of upgradation/strengthening of highways during FY 2020-21, FY 2021-22, FY 2022-23 and (April-September) FY 2023-24 is given in the chart shown below:



8. RAILWAYS

8.1 Revenue earning freight traffic carried by the railways during September, 2023 at 123.55 Million Tonnes(MT) was 0.59% **higher** than the target for the month and 6.69% **higher** than the corresponding month of the previous year.

During April - September, 2023, the freight traffic carried by the Railways at 758.19 MT was 2.43% **lower** than the target and 2.92% **higher** than the corresponding period of the previous year. The growth rate has **decreased** to 2.92% compared to growth of 10.12% reported during April-September, 2022 as depicted in the graph below:



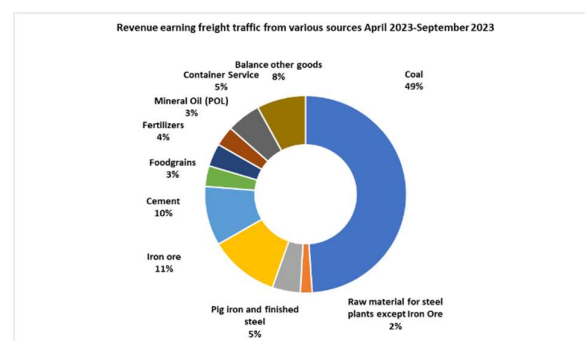
During the period, loading of all commodities except Food grains and Balance other goods recorded **Positive** growth as compared to the corresponding period of the last year.

8.2 Loading of coal by Coal India Ltd. (CIL) during September, 2023 was 267 Rakes per day, which was 12.74% **lower** than the target of 306 Rakes per day for the month and 11.25% **higher** than the loading of 240 Rakes per day during September, 2022.

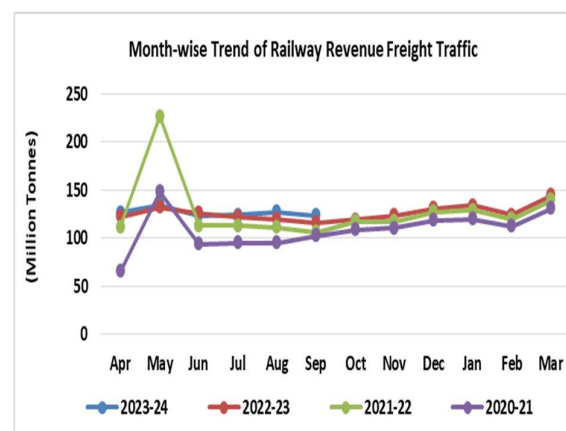
8.3 Railways carried 569.72 Million passengers traffic during the month of September, 2023 as compared to 548.35 million passengers in September, 2022.

8.4 Total earnings (Passengers + Goods + Sundries and other coaching) were Rs.1,21,403 crores during April - September, 2023 against Rs.1,14,345 crores during April - September, 2022.

8.5 Total 860.3 Track Kilometers (TKM) of Broad Gauge track has been added during September, 2023. The Revenue earning freight traffic from various commodities in April - September, 2023 is given in below chart: (month change in chart)



The monthly trend of freight traffic carried by Railways during FY 2020-21, FY 2021-22, FY 2022-23 and (April-September) FY 2023-24 is given in the chart shown below:



9. SHIPPING AND PORTS

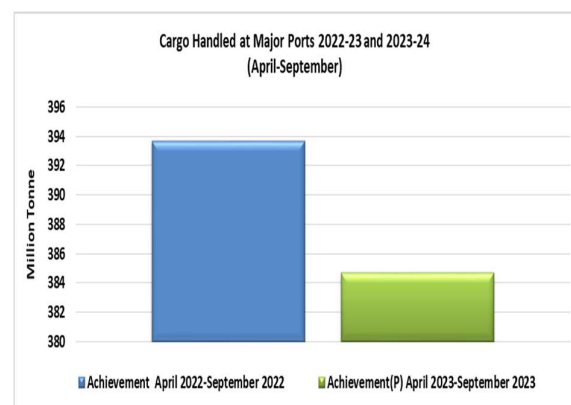
9.1 As reported by Ministry of Shipping, there are 13 major ports in the Country handling 61.92 Million Tonnes (MT) cargo during September, 2023 which was 0.33% **higher** than the cargo handled during the corresponding month of the previous Year. Total cargo handling by 13 major ports accounts for 393.73 Million Tonnes (MT) during April - September, 2023 which was 2.35% **higher** than the performance during the corresponding period of the previous year as depicted in the graph. The growth rate has **decreased** to (+)2.35% compared to (+)10.95% achieved during April-September, 2022.

9.2 The Commodity-Wise percentage share of Cargo handled during April-September, FY 2023-24 are as follows:

Commodities	April-September, 2023-24(P)	
	Cargo handled (In '000' Tonnes)	% share
POL Crude	82957	21.1
POL Products	29379	7.5
LPG or LNG	7710	2.0
Edible Oil	6342	1.6
FRM-Liquid	3311	0.8
Iron Ore Pellets/ Fine	25689	6.5
Other Ores	4320	1.1
Thermal Coal	53955	13.7
Coking Coal	18604	4.7
Other Coal	19375	4.9
Fertilizer	4207	1.1
FRM-Dry	4434	1.1
Food Grains excluding Pulses	913	0.2
Pulses	508	0.1
Sugar	1202	0.3
Cement	1357	0.3
Iron and Steel	4643	1.2
Project Cargo	360	0.1
Container	90472	23.0
Others	33782	8.6
Total	393519	100.0

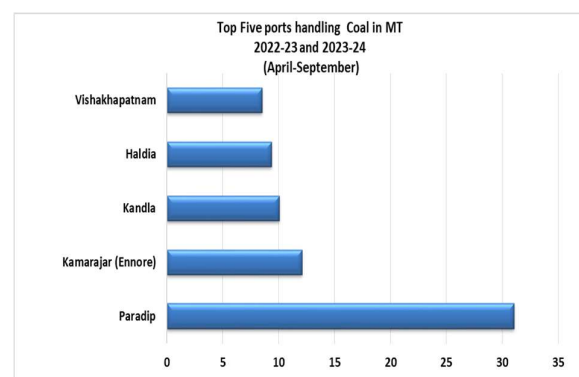
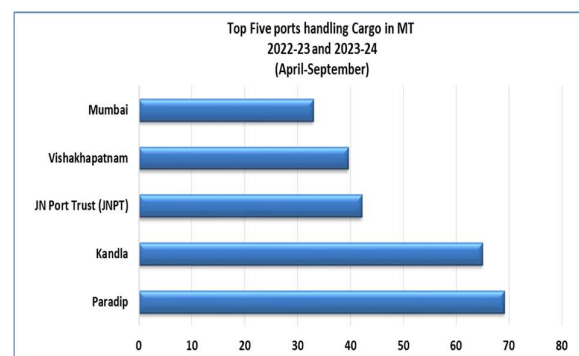
Total Coal handled (thermal and coking) at all major ports during September, 2023 stands at 14.49 MT (23.41% of total cargo handled) which is 2.90% **lower** than the coal handled during the corresponding

month of the previous year. During April - September, 2023, the total coal handled (thermal and coking) at all major ports stands at 92.05 MT was 2.62% **lower** than the coal handled during April-September, 2022.



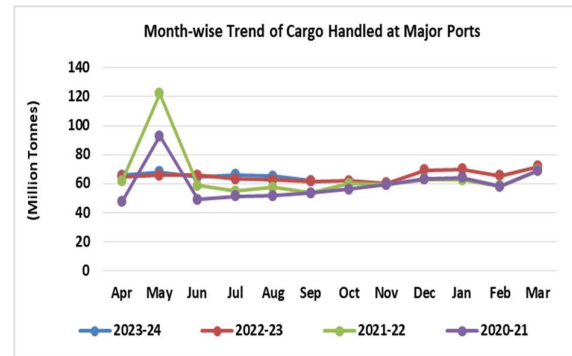
The targets for the year 2023-24 have not been provided by the reporting agency, the Indian Port Association (IPA).

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



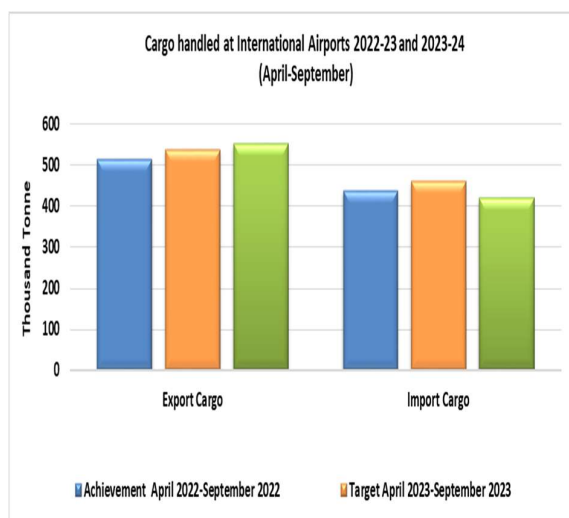
The monthly trend of cargo handled at major ports during FY 2020-21, FY 2021-22, FY 2022-23 and (April-Infrastructure Performance Report, September -2023

September) FY 2023-24 is given in the chart shown below:



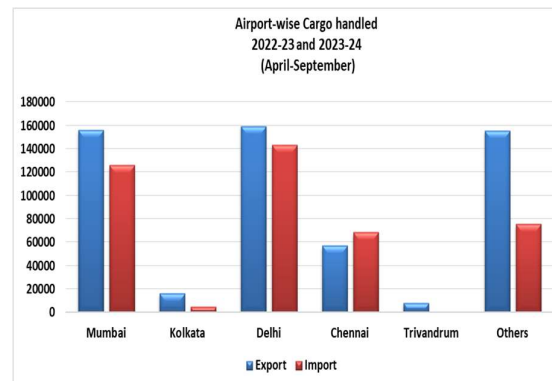
10. CIVIL AVIATION

10.1 Export and Import Cargo: Export cargo handled at the 5 major and other international terminals of airport during September, 2023 at 94,080 MT was 0.56% **higher** than the target for the month and 5.59% **higher** than the cargo handled during the corresponding month of the previous year. Import cargo handled at the 5 major and other international terminals of airport during September, 2023 at 71,675 MT was 5.58% **lower** than the target for the month and 0.86% **lower** than the cargo handled during the corresponding month of the previous year.



As depicted in the above graph, during April - September, 2023, the export cargo of 5,53,013 MT handled at the major and other international terminals of airport was 2.51% **higher** than the targets for the period and 7.64% **higher** than the export cargo handled during the corresponding period of the previous year. Further during April - September, 2023, the import cargo of 4,18,905 MT handled at the 5 major and other International terminals of airports was 9.37% **lower** than the targets for the period and 4.83% **lower** than the import cargo handled during the corresponding period of the previous year.

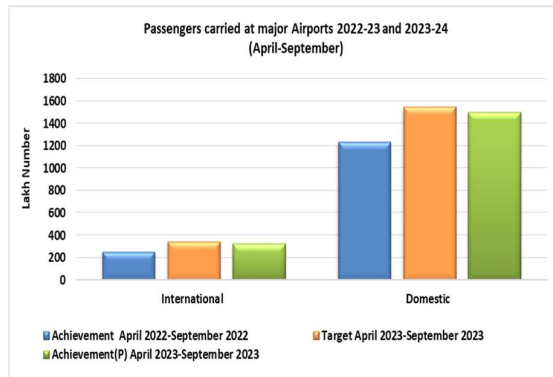
The Airport-wise Cargo handled during April - September, 2023 is depicted in below graph.



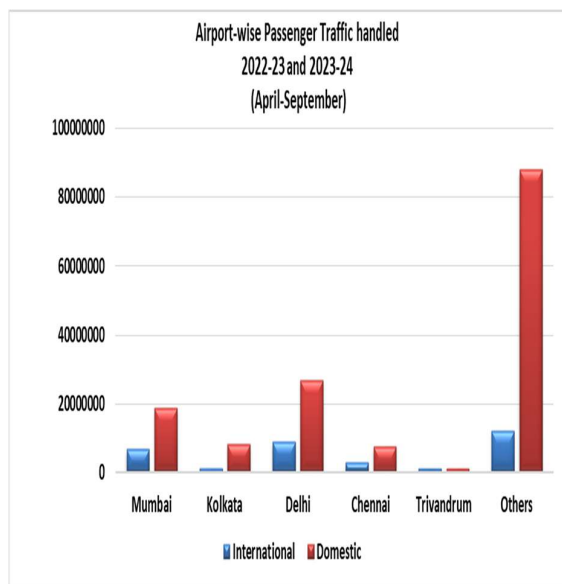
10.2 Passengers handled: As reported by Ministry of Civil Aviation, the International terminals of 5 major and other airports handled 53.43 lakh passengers during September, 2023 which was 6.17% **lower** than the target for the month and 19.55% **higher** than the passenger handled during the corresponding month of last year. The domestic terminals of 5 major and other airports (total 137 nos.) handled 244.36 lakh passengers during September, 2023, which were 3.66% **lower** than the target for the month and 19.34% **higher** than the passenger handled during the corresponding month of last year.

During April - September, 2023, the International terminals of 5 major and other airports handled 329.39 lakh passengers which was 6.96% **lower** than the target for the period and 27.83% **higher** than the passengers handled during the corresponding period of last year.

During April - September, 2023, the domestic terminals of 5 major and other airports handled 1503.35 lakh passengers during the period which was 2.77% **lower** than the target for the period and 20.97% **higher** than the passengers handled during the corresponding period of last year.

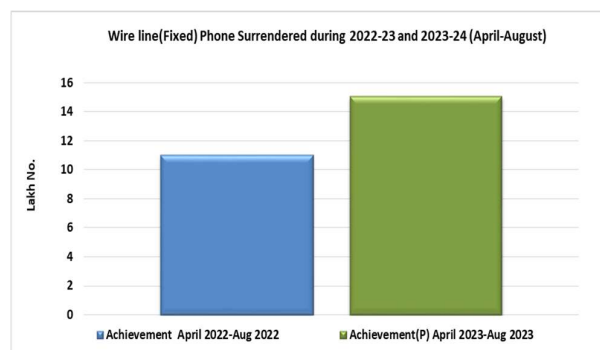


The Airport-wise Passenger Traffic handled at major airports and others are shown in below graphs.

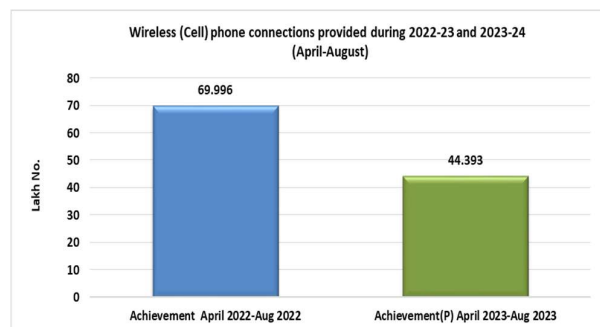


11. TELECOMMUNICATIONS

11.1 Wired line (fixed) Telephone connections: During August 2023, total 1,73,328 fixed (wire line) telephone connections were connected/provided vis-à-vis 3,47,964 connections during corresponding month of previous year.



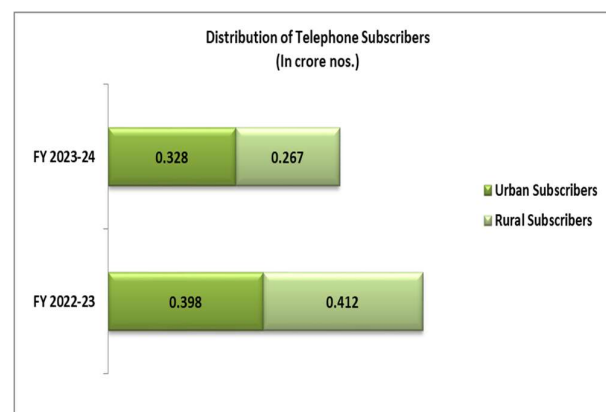
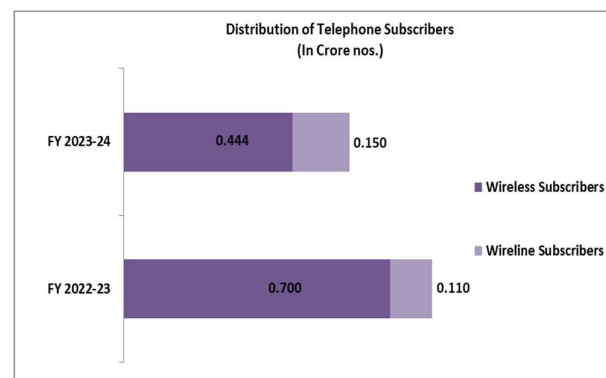
11.2 Cell phone (Mobile) connections: During the month August, 2023 21,93,426 mobile phone Connections were connected/provided vis-à-vis 6,38,860 mobile phone connections during corresponding month of previous year.



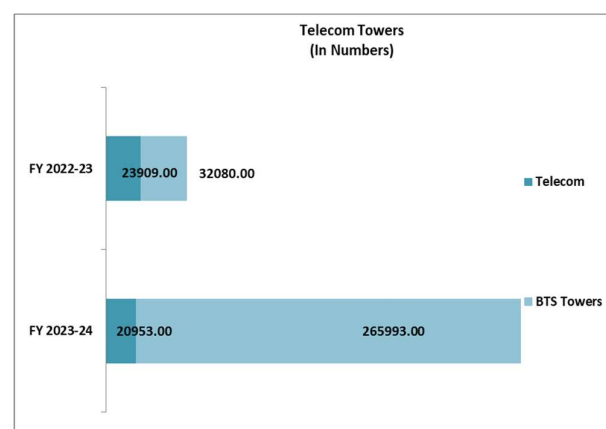
11.3 During August 2023, 23.67 lakh telephone connections (fixed + wireless) were connected/provided by both public and private sectors vis-à-vis 9.87 lakh connections (fixed + wireless) during corresponding month of previous year.

11.4 During April-August 2023, 59.43 lakh telephone subscribers (fixed + wireless) were connected/provided by both public and

private sectors vis-à-vis 80.97 lakh connections (fixed + wireless) during corresponding month of previous year.



11.5 As of 31st October 2023, 385888 nos. 5G BTS (Base Transceiver station) have been deployed across country.



Ministry of Statistics and Programme Implementation
Infrastructure and Project Monitoring Division

Annexure - A										
Infrastructure Sector Performance during September and April-September FY 23-24 & FY 22-23										
	During September					During April-September				
	Production FY 23-24	Target 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)	Production FY 23-24	Target FY 23-24	Growth % w.r.t Targets	Production FY 22-23	Growth % (FY 23-24 w.r.t FY 22-23)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. POWER										
I. Power Generation: Non-Renewable Energy (BU)	130.539	127.480	2.40	119.996	8.79	772.304	798.617	-3.29	737.119	4.77
Thermal Generation	108.821	103.117	5.53	93.296	16.64	654.370	671.568	-2.56	606.499	7.89
Nuclear Generation	4.526	3.991	13.41	3.413	32.61	23.069	22.417	2.91	21.930	5.19
Hydro Generation (Large Hydro)	16.323	19.525	-16.40	22.017	-25.86	90.729	100.045	-9.31	103.254	-12.13
Import from Bhutan	0.869	0.847	2.60	1.270	-31.57	4.136	4.587	-9.83	5.436	-23.91
II. Power Generation: Renewable Energy (BU) (excluding large hydro)	19.910	*		16.943	17.51	126.223	*		109.825	14.93
Total (I + II)	150.448	-		136.939	9.87	898.526	-		846.943	6.09
2. Coal										
I. Coal Production (MT)	67.332	69.480	-3.09	58.070	15.95	428.359	445.620	-3.87	382.212	12.07
Coal India Ltd.	51.441	50.760	1.34	45.671	12.63	332.894	333.150	-0.08	298.978	11.34
Singareni Collieries Company Limited	4.904	5.220	-6.05	4.928	-0.49	31.317	31.470	-0.49	29.227	7.15
Others/Captive	10.987	13.500	-18.61	7.471	47.06	64.148	81.000	-20.80	54.007	18.78
II. Lignite Production (MT)	2.730	*		2.740	-0.36	18.690	*		21.870	-14.54
Total (I + II)	70.062	-		60.810	15.21	447.049	-		404.082	10.63
3. Steel										
I. Production of Finished Steel ('000 Tonnes):										
Main Producers	6403	*		5731.000	11.73	37626	*		34167.000	10.12
i) SAIL	1392	1307.000	6.50	1203	15.71	8085	2805	188.24	7225	11.90
ii) ESSAR	617	*		478	29.08	3669	*		3268	12.27
iii) Tata Steel (TSL)	1652	987.000	67.38	1520	8.68	9944	6165	61.30	9436	5.38
iv) JSWL	1893	*		1904	-0.58	11398	*		10258	11.11
v) JSPL	488	*		352	38.64	2703	*		2461	9.83
vi) RINL (VSP)	361	410.000	-11.95	274	31.75	1827	2269	-19.48	1519	20.28
II. Production of Finished Steel ('000 Tonnes): Major (Secondary) Producer	4536	*		3975	14.11	28667	*		24196	18.48
Total (I + II)	10939	-		9706	12.70	66293	-		58363	13.59
4. Cement										
Cement Production (MT)	31.760	*		30.240	5.03	208.890	*		187.090	11.65
i) Large Plants	30.960	*		29.440	5.16	204.090	*		182.290	11.96
ii) Mini Plants	0.800	*		0.800	0.00	4.800	*		4.800	0.00
5. Fertilisers										
Fertilisers Production ('000 Tonnes)	4508.3	4350.1	3.6	4029.7	11.9	26249.1	27198.4	-3.5	23982.1	9.5
i) Nitrogen	1432.6	1358.7	5.44	1287.2	11.30	8373.5	8509.5	-1.60	7666.3	9.22
ii) Phosphate	424.9	539.7	-21.27	429.8	-1.14	2605.2	3193.2	-18.41	2384.9	9.24
iii) Urea	2650.8	2451.7	8.12	2312.7	14.62	15270.4	15495.7	-1.45	13930.9	9.62
6. Petroleum										
i) Crude Oil Prod. (MT)	2.378	2.507	-5.15	2.4	-0.34	14.7	14.998	-2.13	14.7	-0.38
ii) Crude Oil Processed (MT)	20.289	19.078	6.35	19.6	3.78	129.8	124.04	4.66	126.3	2.78
iii) Natural Gas Prod. (MCM)	3027	3269.000	-7.42	2852.0	6.11	17879.0	18498.0	-3.35	17184.0	4.04
\$ This does not include Import value.										
7. Roads										
(a) NHAI - Widening to four/six/eight lanes and strengthening of existing weak pavement (Kms.)	132	269	-50.93	191	-30.71	1517.0	2212	-31.42	1561.7	-2.86
(b) State PWD and Border Road Organisation (BRO)	157	140	11.86	242	-35.21	1733	1522	13.85	1551	11.71
Widening to four/six/eight lanes (Kms.)	19	140		15	27.52	211.9	1522		127.1	66.68
Widening to two lanes (Kms.)	126	0		94	34.54	1061.3	0		677.6	56.63
Strengthening of existing weak pavement (Kms.)	12	0		133	-91.22	459.6	0		746.4	-38.43
8. Railways										
Passenger Traffic (in Million)	569.7	*		548.4	3.90	3429.9	*		3061.5	12.04
Gauge, Doubling & New line (in Kms)	860.3	2500.0		378.5	127.27	1883.0	*		1466.6	28.39
Revenue earning Freight Traffic (MT)	123.6	122.8	0.59	115.8	6.69	758.2	777.100	-2.43	736.7	2.92
9. Shipping										
Total Cargo handled at major ports (MT)	61.920	*		61.715	0.33	393.732	*		384.694	2.35
Cargo handling of major commodities at major ports										
i) Coal handled at major ports (MT)	14.497	*		14.932	-2.90	92.053	*		94.528	-2.62
ii) POL Crude handled at major ports (MT)	12.186	*		12.445	-2.08	82.957	*		79.307	4.60
iii) Container handled at major ports (Tonnes)	14860	*		13080	13.61	90472	*		84085	7.60
* Targets not available										
10. Civil Aviation										
I. Cargo handled at Airports (in Metric Tonnes)										
i) Export Cargo	94080	93552	0.56	89098	5.59	553013	539472	2.51	513781	7.64
ii) Import Cargo	71675	75912	-5.58	72297	-0.86	418905	462197	-9.37	440186	-4.83
II. Passenger Traffic Handled at (in Numbers)										
i) International Terminals	5343175	5694691	-6.17	4469317	19.55	32939647	35402534	-6.96	25769284	27.83
ii) Domestic Terminals	24436146	25365426	-3.66	20475607	19.34	150334868	154623955	-2.77	124274729	20.97
III. Aircraft Movements (in '000) -Includes General Aviation	234	*		219.380	6.82	1416	*		1324.180	6.92
11. Telecommunications										
(in '000 Numbers)[§]	2366.8	*		986.8	139.84	5943.0	*		8097.095	-26.60
connections provided	173.328	*		347.964	-50.19	1503.663	*		1097.528	37.00
connections provided	2193.426	*		638.860	243.33	4439.338	*		6999.567	-36.58
II. Total Telephone Subscribers (Crores)	0.236	*		0.144	63.89	0.594	*		0.810	-26.67
(as per connection)										
(i) Wireline	0.017	*		0.035	-51.43	0.150	*		0.110	36.36
(ii) Wireless	0.219	*		0.109	100.92	0.444	*		0.700	-36.57
(as per Region)										
(i) Urban	0.111	*		0.066	68.18	0.328	*		0.398	-17.59
(ii) Rural	0.126	*		0.077	63.64	0.267	*		0.412	-35.19
III. Towers (in numbers)										
(i) Telecom Towers	36209	*		3666	887.70	286946	*		55989	412.50
(ii) BTSs Installed	3935	*		3518	11.85	20953	*		23909	-12.36
	32274	*		148	21706.76	265993	*		32080	729.16
§: Data upto Aug, 2023										
Note:										
*: Targets not available BU: Billion Unit			Positive Growth rate (Noteworthy performance)							
MT: Million Tonne MCM: Million Cubic Metre			Negative Growth Rate (Area of concern)							

INFRASTRUCTURE SECTOR PERFORMANCE

HIGHLIGHTS

**Growth Achieved during the period April - September 2023 and
during last Three Years (April-September)**

Sl. No.	Sector	Achievement (as per units applicable)					Percent change in achievement over corresponding period of the previous year			
		April - September 2019	April - September 2020	April - September 2021	April - September 2022	April - September 2023	April - September 2020	April - September 2021	April - September 2022	April - September 2023
1	2	4	5	6	7	7	8	9	10	11
1	Power (BU)	737.199	678.038	764.585	846.944	898.526	-8.03	12.76	10.77	6.09
2	Coal (MT) <i>(excluding lignite)</i>	299.439	282.416	316.100	382.212	428.359	-5.68	11.93	20.91	12.07
3	Steel (Finished Steel) (MT)	51.622	39.259	53.938	58.363	66.293	-23.95	37.39	8.20	13.59
4	Cement (MT)	163.530	122.450	168.640	187.090	208.890	-25.12	37.72	10.94	11.65
5	Fertilizers (MT) <i>(accounts for Nitrogen and Phosphate production only)</i>	8.972	9.168	9.000	10.050	10.980	2.19	-1.84	11.67	9.25
6	Petroleum :-									
	i) Crude Oil (MT)	16.372	15.373	14.925	14.734	14.678	-6.10	-2.91	-1.28	-0.38
	ii) Crude Oil Processed (MT)	125.728	100.166	113.291	126.306	129.814	-20.33	13.10	11.49	2.78
	iii) Natural Gas (MCM)	16005.000	13954.000	16891.000	17184.500	17879.000	-12.81	21.05	1.74	4.04
7	Roads									
	Widening & Strengthening of Highways #									
	i) NHA (KM)	1700.00	1103.00	1236.00	1561.70	1517.00	-35.12	12.06	26.35	-2.86
	ii) State PWD & BRO (KM)	2426.00	2404.37	1932.53	1551.15	1732.80	-0.89	-19.62	-19.73	11.71
8	Railway Revenue Earning									
	Freight Traffic (MT)	586.960	533.620	668.940	736.650	758.190	-9.09	25.36	10.12	2.92
9	Shipping & Ports									
	i) Cargo Handled at Major Ports (MT)	348.236	298.848	346.724	384.694	393.732	-14.18	16.02	10.95	2.35
	ii) Coal handled at Major Ports (MT)	74.012	55.558	72.458	94.530	92.050	-24.93	30.42	30.46	-2.62
10	Civil Aviation									
	i) Export Cargo handled (Tonnes)	621270	361960	538023	513781	553013	-41.74	48.64	-4.51	7.64
	ii) Import Cargo handled (Tonnes)	413904	256334	443043	440186	418905	-38.07	72.84	-0.64	-4.83
	iii) Passengers handled at International Terminals (Lakh)	337.257	23.527	61.657	257.693	329	-93.02	162.07	317.95	27.83
	iv) Passengers handled at Domestic Terminal (Lakh)	1362.547	219.528	574.970	1242.747	1503.349	-83.89	161.91	116.14	20.97
11	Telecommunications (Aug'23)									
	ii) New net Fixed/wired Telephone connections ('000 No.)	-731.229	759.957	2619.557	1097.528	1503.663	-	-	-	37.00
	iii) New net Cell phone (WLL+ GSM) connections ('000 No.)	6603.901	-9859.003	6033.360	6999.567	4439.338	5.89	-161.20	-	-36.58
	BU: Billion Units MCM: Million Cubic Meter									
	MT: Millions Tonnes KM: Kilometre									
	# : Includes Widening to four/six/eight lanes & two lanes and Strengthening of existing weak pavement only.									

1. POWER

1.1 Power Generation

Table - 1: Overall Power Generation - September 2023

(In Billion Units)

Generation	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	September 2022
Thermal Generation	103.117	108.821	93.296	5.53	16.64
Nuclear Generation	3.991	4.526	3.413	13.41	32.61
Hydro Generation	19.525	16.323	22.017	-16.40	-25.86
Import from Bhutan	0.847	0.869	1.270	2.60	-31.57
Renewable Energy	0.000	19.910	16.943	-	17.51
Total	127.480	150.448	136.939	18.02	9.87

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

(In Billion Units)

Generation	Annual Target 2023-2024	April-September 2023		April- September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April- September 2023	Actual April- September 2022
Thermal Generation	1324.110	671.568	654.370	606.499	-2.56	7.89
Nuclear Generation	46.190	22.417	23.069	21.930	2.91	5.19
Hydro Generation	156.700	100.045	90.729	103.254	-9.31	-12.13
Import from Bhutan	8.000	4.587	4.136	5.436	-9.83	-23.91
Renewable Energy	0.000	-	126.223	109.825	-	14.93
Total	1535.000	798.617	898.526	846.943	12.51	6.09

1.2 Thermal Generation

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

(In Billion Units)

Region	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	September 2022
Northern Region	23.905	24.711	22.596	3.37	9.36
Western Region	38.278	43.073	34.283	12.53	25.64
Southern Region	20.139	19.429	16.410	-3.53	18.40
Eastern Region	19.511	20.366	18.713	4.38	8.83
North Eastern Region	1.284	1.242	1.294	-3.27	-4.02
Total	103.117	108.821	93.296	5.53	16.64

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

(In Billion Units)

Region	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-September 2023	Actual April-September 2022
Northern Region	300.220	155.116	144.770	145.841	-6.67	-0.73
Western Region	499.455	249.057	258.513	228.305	3.80	13.23
Southern Region	255.020	131.005	120.171	106.996	-8.27	12.31
Eastern Region	253.230	128.189	123.237	117.504	-3.86	4.88
North Eastern Region	16.185	8.201	7.679	7.852	-6.37	-2.20
Total	1324.110	671.568	654.370	606.499	-2.56	7.89

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

(In Billion Units)

Sector	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	September 2022
Central	40.396	39.441	36.246	-2.36	8.81
State	32.290	31.388	28.052	-2.79	11.89
Private	30.431	37.991	28.998	24.84	31.01
Total	103.117	108.821	93.296	5.53	16.64

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

(In Billion Units)

Sector	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-September 2023	Actual April-September 2022
Central	512.190	261.133	234.597	232.502	-10.16	0.90
State	416.884	208.732	197.649	185.776	-5.31	6.39
Private	395.036	201.703	222.124	188.220	10.12	18.01
Total	1324.110	671.568	654.370	606.499	-2.56	7.89

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

(In Million Units)

Fuel	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	September 2022
Gas Fired	2530	2958	1759	16.92	68.16
Oil Fired	10	30	7	200.00	328.57
Multi Fuel Fired	0	0	0	-	-
Lignite Based	2873	2440	2804	-15.07	-12.98
Coal Based	97704	103392	88726	5.82	16.53
Total	103117	108821	93296	5.53	16.64

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

(In Million Units)

Fuel	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-September	Actual April-September 2022
Gas Fired	32000	16233	17114	13230	5.43	29.36
Oil Fired	110	57	200	56	250.88	257.14
Multi Fuel Fired	0	0	0	0	-	-
Lignite Based	37000	18979	16098	18970	-15.18	-15.14
Coal Based	1255000	636299	620958	574243	-2.41	8.14
Total	1324110	671568	654370	606499	-2.56	7.89

1.3 Thermal: Plant Load Factor (PLF)**Table - 9: Sector wise Thermal PLF - September 2023 and April-September 2023**

(Percentage)

Sector	September 2023		September 2022 Actual	April-September 2023		April-September 2022 Actual
	Target	Achievement (Provisional)		Target	Achievement (Provisional)	
Central	75.89	75.77	72.10	81.21	74.83	75.94
State	58.94	61.71	55.51	63.35	63.85	60.10
Private	56.07	69.32	53.65	60.97	66.24	56.80
All India	63.51	69.02	60.22	68.39	68.23	64.04

1.4 Nuclear Power Generation**Table - 10: Nuclear Power Generation - September 2023**

(In Million Units)

Station	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	September 2022
RAPS	498	560	551	12.45	1.63
NAPS	271	295	262	8.86	12.60
KAPS	784	804	319	2.55	152.04
TAPS	741	783	781	5.67	0.26
KGPAS	393	654	516	66.41	26.74
MAPS	1304	1430	984	9.66	45.33
Total	3991	4526	3413	13.41	32.61

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

(In Million Units)

Station	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-September 2023	Actual April-September 2022
RAPS	6141	3172	3583	3742	12.96	-4.25
NAPS	3098	1403	1752	1322	24.88	32.53
KAPS	9014	4110	3078	1926	-25.11	59.81
TAPS	8151	3820	4173	4660	9.24	-10.45
KGPAS	6256	3006	3748	3785	24.68	-0.98
MAPS	13530	6906	6734	6495	-2.49	3.68
Total	46190	22417	23069	21930	2.91	5.19

1.5 Nuclear: Plant Load Factor (PLF)**Table - 12: Station-wise Nuclear PLF - September 2023 and April-September 2023**

(Percentage)

Station	September 2023		September 2022 Actual	April-September 2023		April-September 2022 Actual
	Target	Achievement (Provisional)		Target	Achievement (Provisional)	
All India	70.40	84.03	69.91	66.85	73.65	73.64
RAPS	64.04	65.97	64.89	64.89	69.14	72.19
NAPS	85.54	93.05	82.60	72.60	90.68	68.41
KAPS	65.06	97.94	100.79	67.11	88.49	99.67
TAPS	73.51	77.67	77.46	62.13	67.86	75.79
KGPAS	62.03	103.18	81.40	77.78	96.99	97.94
MAPS	74.23	81.40	55.99	64.44	62.84	60.61

1.6 Hydro Power Generation**Table - 13: Region-wise Hydro Power Generation - September 2023**

(In Million Units)

Region	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	September 2022
Northern Region	9114	8966	10008	-1.62	-10.41
Western Region	2195	2153	3115	-1.91	-30.88
Southern Region	3648	1748	4990	-52.08	-64.97
Eastern Region	2795	2596	2996	-7.12	-13.35
North Eastern Region	1773	860	907	-51.49	-5.18
Total	19525	16323	22017	-16.40	-25.86

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

(In Million Units)

Region	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-September 2023	Actual April-September 2022
Northern Region	77797	54436	51801	53773	-4.84	-3.67
Western Region	15491	8043	9860	11156	22.59	-11.62
Southern Region	31078	16361	11816	19849	-27.78	-40.47
Eastern Region	20178	13364	13237	13771	-0.95	-3.88
North Eastern Region	12156	7841	4014	4705	-48.81	-14.69
Total	156700	100045	90729	103254	-9.31	-12.13

1.7 Renewable Energy**Table - 15: Region-wise Power Generation through Renewable Energy - September 2023**

(In Million Units)

Region	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	September 2022
Northern Region	0	5326	4921	-	8.23
Western Region	0	5392	3820	-	41.15
Southern Region	0	8827	7830	-	12.73
Eastern Region	0	301	313	-	-3.83
North Eastern Region	0	63	60	-	5.00
Total	0	19910	16943	-	17.51

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

(In Million Units)

Region	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April-September 2023	Actual April-September 2022
Northern Region	0	0	34515	28743	-	20.08
Western Region	0	0	38177	31302	-	21.96
Southern Region	0	0	51424	47801	-	7.58
Eastern Region	0	0	1767	1704	-	3.70
North Eastern Region	0	0	339	275	-	23.27
Total	-	-	126222	109825	-	14.93

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

(In Million Units)

Sources	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	September 2022
Bagasse	0	139	165	-	-15.76
Biomass	0	263	172	-	52.91
Small Hydel	0	1222	1540	-	-20.65
Solar	0	9221	8208	-	12.34
Wind	0	8851	6654	-	33.02
Others	0	215	204	-	5.39
Total	0	19910	16943	-	17.51

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

(In Million Units)

Sources	Annual Target 2023-2024	April-September 2023		April- September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		April- September 2023	Actual April- September 2022
Bagasse	0	0	2122	3091	-	-31.35
Biomass	0	0	1683	1521	-	10.65
Small Hydel	0	0	5759	6327	-	-8.98
Solar	0	0	57684	48013	-	20.14
Wind	0	0	57619	49625	-	16.11
Others	0	0	1356	1248	-	8.65
Total	-	-	126222	109825	-	14.93

2. COAL

2.1 Coal Production

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

(In Million Tonnes)

Company	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
ECL	3.100	2.610	2.150	-15.81	21.40
BCCL	3.100	3.080	2.726	-0.65	12.99
CCL	5.000	5.530	4.214	10.60	31.23
NCL	10.270	10.990	10.177	7.01	7.99
WCL	3.880	3.020	2.856	-22.16	5.74
SECL	11.380	11.140	9.163	-2.11	21.58
MCL	14.020	15.060	14.374	7.42	4.77
NEC	0.010	0.011	0.011	10.00	0.00
CIL - Total	50.760	51.441	45.671	1.34	12.63
SCCL	5.220	4.904	4.928	-6.05	-0.49
Others (TISCO,IISCO,DVC)	13.500	10.987	7.471	-18.61	47.06
All India - Total	69.480	67.332	58.070	-3.09	15.95

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

(In Million Tonnes)

Company	Annual Target 2023-2024	April-September 2023		April- September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- September 2023	Actual April- September 2022
ECL	51.000	20.700	18.190	15.524	-12.13	17.17
BCCL	41.000	17.700	19.330	16.236	9.21	19.06
CCL	84.000	36.120	34.640	30.188	-4.10	14.75
NCL	133.000	64.390	68.420	64.003	6.26	6.90
WCL	67.000	25.510	24.840	21.227	-2.63	17.02
SECL	200.000	77.380	77.780	63.444	0.52	22.60
MCL	204.000	91.300	89.645	88.280	-1.81	1.55
NEC	0.200	0.050	0.049	0.076	-2.00	-35.53
CIL - Total	780.200	333.150	332.894	298.978	-0.08	11.34
SCCL	75.000	31.470	31.317	29.227	-0.49	7.15
Others (TISCO,IISCO,DVC)	162.000	81.000	64.148	54.007	-20.80	18.78
All India - Total	1017.200	445.622	428.359	382.212	-3.87	12.07

2.2 Coking Coal Production

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

(In Million Tonnes)

Company	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
ECL	0.000	0.001	0.000	-	-
BCCL	0.000	2.952	2.600	-	13.54
CCL	0.000	1.212	1.218	-	-0.49
WCL	0.000	0.002	0.007	-	-71.43
SECL	0.000	0.016	0.020	-	-20.00
CIL - Total	0.000	4.183	3.845	-	8.79
Others	0.000	0.553	0.432	-	28.01
All India - Total	NA	4.736	4.277	-	10.73

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

(In Million Tonnes)

Company	Annual Target 2023-2024	April-September 2023		April- September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- September 2023	Actual April- September 2022
ECL	0.000	0.000	0.004	0.003	-	33.33
BCCL	0.000	0.000	18.425	15.142	-	21.68
CCL	0.000	0.000	7.814	7.642	-	2.25
WCL	0.000	0.000	0.032	0.049	-	-34.69
SECL	0.000	0.000	0.106	0.117	-	-9.40
CIL - Total	-	-	26.381	22.953	-	14.93
Others	0.000	0.000	3.207	2.706	-	18.51
All India - Total	NA	NA	29.588	25.659	-	15.31

2.3 Washed Coal Production

Table - 23: Washed Coal Production - September 2023

(In Million Tonnes)

Company	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
BCCL	0.000	0.058	0.033	-	75.76
CCL	0.000	0.051	0.053	-	-3.77
WCL	0.000	0.000	0.000	-	-
CIL - Total	NA	0.109	0.086	-	26.74

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

(In Million Tonnes)

Company	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-September 2023	Actual April-September 2022
BCCL	0.000	0.000	0.282	0.332	-	-15.06
CCL	0.000	0.000	0.411	0.254	-	61.81
WCL	0.000	0.000	0.000	0.000	-	-
CIL - Total	NA	NA	0.693	0.586	-	18.26

2.4 Coking Coal despatch to steel plants

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

(In Million Tonnes)

Company	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
ECL	0.000	0.000	0.000	-	-
BCCL	0.186	0.118	0.077	-36.56	53.25
CCL	0.088	0.073	0.069	-17.05	5.80
WCL	0.000	0.000	0.000	-	-
SECL	0.000	0.000	0.000	-	-
CIL - Total	0.274	0.191	0.146	-30.29	30.82
Others	0.000	0.000	0.000	-	-
All India - Total	0.274	0.191	0.146	-30.29	30.82

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

(In Million Tonnes)

Company	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-September 2023	Actual April-September 2022
ECL	0.000	0.000	0.000	0.000	-	-
BCCL	0.000	0.938	0.590	0.186	-37.10	217.20
CCL	0.000	0.700	0.408	0.224	-41.71	82.14
WCL	0.000	0.000	0.000	0.000	-	-
SECL	0.000	0.000	0.000	0.000	-	-
CIL - Total	-	1.638	0.998	0.410	-39.07	143.41
Others	162.000	0.000	0.000	0.000	-	-
All India - Total	NA	1.638	0.998	0.410	-39.07	143.41

2.5 Coal despatch

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

(In Million Tonnes)

Company	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
ECL	3.600	2.770	2.303	-23.06	20.28
BCCL	3.000	3.160	2.616	5.33	20.80
CCL	6.000	5.720	4.400	-4.67	30.00
NCL	11.100	11.470	10.162	3.33	12.87
WCL	4.200	3.980	3.564	-5.24	11.67
SECL	15.600	12.900	10.838	-17.31	19.03
MCL	16.500	15.040	14.950	-8.85	0.60
NEC	0.000	0.020	0.008	-	150.00
CIL - Total	60.000	55.060	48.841	-8.23	12.73
SCCL	5.020	4.983	4.773	-0.74	4.40
Others (TISCO,IISCO,DVC)	13.500	10.323	7.407	-23.53	39.37
All India - Total	78.520	70.366	61.021	-10.38	15.31

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

(In Million Tonnes)

Company	Annual Target 2023-2024	April-September 2023		April- September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- September 2023	Actual April- September 2022
ECL	51.000	21.35	18.340	16.695	-14.10	9.85
BCCL	41.000	18.90	19.350	17.097	2.38	13.18
CCL	84.000	39.30	40.560	35.850	3.21	13.14
NCL	133.000	66.10	69.990	66.794	5.89	4.78
WCL	67.000	29.40	31.710	27.459	7.86	15.48
SECL	200.000	94.20	86.080	73.383	-8.62	17.30
MCL	204.000	99.10	94.700	94.544	-4.44	0.17
NEC	0.200	0.00	0.070	0.058	-	20.69
CIL - Total	780.200	368.35	360.800	331.880	-2.05	8.71
SCCL	75.000	30.77	33.056	29.432	7.43	12.31
Others (TISCO,IISCO,DVC)	162.000	81.00	68.610	55.161	-15.30	24.38
All India - Total	1017.200	480.12	462.466	416.473	-3.68	11.04

3. STEEL

3.1 Finished Steel Production

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

(In Thousand Tonnes)

Plant/Producer	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 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	1307.00	1392.00	1203.00	6.50	15.71
ESSAR	0.00	617.00	478.00	-	29.08
Tata Steel (TSL)	987.00	1652.00	1520.00	67.38	8.68
JSWL	0.00	1893.00	1904.00	-	-0.58
JSPL	0.00	488.00	352.00	-	38.64
RINL (VSP)	410.00	361.00	274.00	-11.95	31.75
Main Producers	NA	6403.00	5731.00	-	11.73
Mini and other producers	0.00	4536.00	3975.00	-	14.11
All India - Total	NA	10939.00	9706.00	-	12.70

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

(In Thousand Tonnes)

Plant / Producer	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-September 2023	Actual April-September 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	0.00	0.00	0.00	0.00	-	-
SAIL - Total	-	2805.00	8085.00	7225.00	188.24	11.90
ESSAR	0.00	0.00	3669.00	3268.00	-	12.27
Tata Steel (TSL)	0.00	6165.00	9944.00	9436.00	61.30	5.38
JSWL	0.00	0.00	11398.00	10258.00	-	11.11
JSPL	0.00	0.00	2703.00	2461.00	-	9.83
RINL (VSP)	0.00	2269.00	1827.00	1519.00	-19.48	20.28
Main Producers	-	NA	37626.00	34167.00	-	10.12
Mini and other producers	0.00	0.00	28667.00	24196.00	-	18.48
All India - Total	-	NA	66293.00	58363.00	-	13.59

3.2 Capacity utilisation

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

(In Percentage)

Plant/Producer	Capacity Utilisation			
	September 2023	September 2022	September 2023	April-September 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	117.30	101.30	113.50	101.40
ESSAR	86.10	66.60	85.30	76.00
Tata Steet (TSL)	111.60	102.70	112.00	106.30
JSWL	91.60	92.10	91.90	82.70
JSPL	88.00	73.60	81.30	85.60
RINL (VSP)	106.10	80.70	89.70	74.60
Main Producers	-	-	-	-
Mini and other producers	66.00	62.80	69.60	63.70
All India - Total	82.80	77.00	83.60	77.20

4. CEMENT

4.1 Cement Production

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

(In Lakh Tonnes)

Product/Sector	September 2023		September 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
A. Public Sector					
CCI	NA	*	*	-	-
Others	NA	*	*	-	-
Total - A	NA	0.00	-	-	-
B. Private Sector	NA	309.59	294.41	-	5.16
C. Mini & White	NA	8.00	8.00	-	0.00
All India Total (A+B+C)	NA	317.59	302.41	-	5.02

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

(In Lakh Tonnes)

Product/Sector Producer	April-September 2023		April- September 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target April- September 2023	Actual April- September 2022
A. Public Sector					
CCI	NA	*	*	-	-
Others	NA	*	*	-	-
Total - A	NA	-	-	-	-
B. Private Sector	NA	2040.91	1822.91	-	11.96
C. Mini & White	NA	48.00	48.00	-	0.00
All India Total(A+B+C)	NA	2088.91	1870.91	-	11.65

5. FERTILIZERS

5.1 Fertilizer Production

Table - 34: Fertilizer Production - September 2023

(In Thousand Tonnes)

Product/Sector	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
A. NITROGEN					
Public Sector	269.60	290.60	290.70	7.79	-0.03
Cooperative Sector	297.50	312.20	349.70	4.94	-10.72
Private Sector	791.60	829.80	646.80	4.83	28.29
Total - A	1358.70	1432.60	1287.20	5.44	11.30
B. PHOSPHATE					
Public Sector	18.20	21.50	23.00	18.13	-6.52
Cooperative Sector	141.20	140.50	159.80	-0.50	-12.08
Private Sector	380.30	262.90	247.00	-30.87	6.44
Total - B	539.70	424.90	429.80	-21.27	-1.14
All India Total(A+B)	1898.40	1857.50	1717.00	-2.15	8.18

Table - 35: Fertilizer Production - April-September 2023

(In Thousand Tonnes)

Product/Sector	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-September 2023	Actual April-September 2022
A. NITROGEN						
Public Sector	-	1663.80	1575.80	1670.20	-5.29	-5.65
Cooperative Sector	-	1896.70	1911.50	1991.50	0.78	-4.02
Private Sector	-	4949.00	4886.20	4004.60	-1.27	22.01
Total - A	-	8509.50	8373.50	7666.30	-1.60	9.22
B. PHOSPHATE						
Public Sector	-	127.90	125.70	127.80	-1.72	-1.64
Cooperative Sector	-	801.10	816.30	891.60	1.90	-8.45
Private Sector	-	2264.20	1663.20	1365.50	-26.54	21.80
Total - B	-	3193.20	2605.20	2384.90	-18.41	9.24
All India Total(A+B)	-	11702.70	10978.70	10051.20	-6.19	9.23

5.2 Neem coated Urea Production

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

(In Thousand Tonnes)

Product/Sector	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
Public Sector	537.90	577.40	574.60	7.34	0.49
Cooperative Sector	513.46	556.70	608.70	8.42	-8.54
Private Sector	1400.37	1516.70	1129.40	8.31	34.29
Total	2451.73	2650.80	2312.70	8.12	14.62

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

(In Thousand Tonnes)

Product/Sector	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-September 2023	Actual April-September 2022
Public Sector	-	3296.54	3106.90	3305.60	-5.75	-6.01
Cooperative Sector	-	3365.54	3411.50	3482.60	1.37	-2.04
Private Sector	-	8833.63	8752.00	7142.70	-0.92	22.53
Total	-	15495.71	15270.40	13930.90	-1.45	9.62

5.3 Capacity utilisation**Table - 36: Sector wise Capacity Utilisation - April-September 2023**

(In Percentage)

Product/Sector	Capacity Utilisation			
	September 2023	September 2022	April-September	April-September 2022
A. NITROGEN				
Public Sector	114.10	114.10	103.10	109.30
Cooperative Sector	117.60	131.80	120.00	125.10
Private Sector	106.70	83.20	104.70	85.80
Total - A	110.40	99.20	107.50	98.50
B. PHOSPHATE				
Public Sector	108.40	116.00	105.70	107.40
Cooperative Sector	103.50	117.70	100.20	109.50
Private Sector	68.10	63.90	71.80	58.90
Total - B	78.40	79.30	80.10	73.40
All India	101.00	93.30	99.50	91.10

6. PETROLEUM & NATURAL GAS

6.1 Crude Oil Production

Table - 37: Production of Crude Oil - September 2023

(In Thousand Tonnes)

Name of the Unit	September 2023		September 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
A. Oil & Natural Gas corporation (ONGC)					
Gujarat	383.05	368.63	367.17	-3.76	0.40
Assam	89.23	85.40	82.58	-4.29	3.41
Tamil Nadu	18.48	18.71	21.17	1.24	-11.62
Offshore	1096.14	1057.76	1111.07	-3.50	-4.80
Andhra Pradesh	15.01	15.91	17.25	6.00	-7.77
Tripura	0.16	0.15	0.23	-6.25	-34.78
Total - A	1602.07	1546.56	1599.47	-3.46	-3.31
B. Oil India Ltd. (OIL)					
Assam	270.85	267.97	255.82	-1.06	4.75
Arunachal Pradesh	2.39	2.41	1.80	0.84	33.89
Rajasthan(Heavy Oil)	3.38	2.16	1.21	-36.09	78.51
Total - B	276.62	272.54	258.83	-1.47	5.30
C. DGH (JVC/Private)	628.63	558.81	527.99	-11.11	5.84
All India Total (A+B)	2507.32	2377.91	2386.29	-5.16	-0.35

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

(In Thousand Tonnes)

Name of the Unit	Annual Target 2023-2024	April-September 2023		April-September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-September 2023	Actual April-September 2022
A. Oil & Natural Gas corporation (ONGC)						
Gujarat	4656.00	2309.35	2245.38	2251.74	-2.77	-0.28
Assam	1091.00	538.74	518.91	496.29	-3.68	4.56
Tamil Nadu	228.00	118.98	107.56	131.92	-9.60	-18.47
Offshore	13064.00	6656.92	6658.21	6852.04	0.02	-2.83
Andhra Pradesh	187.00	93.93	93.74	98.00	-0.20	-4.35
Tripura	2.00	0.99	1.01	1.24	2.02	-18.55
Total - A	19228.00	9718.91	9624.81	9831.23	-0.97	-2.10
B. Oil India Ltd. (OIL)						
Assam	3301.00	1635.52	1622.04	1542.42	-0.82	5.16
Arunachal Pradesh	30.00	14.90	15.48	10.96	3.89	41.24
Rajasthan(Heavy Oil)	40.00	17.22	10.15	5.95	-41.06	70.59
Total - B	3371.00	1667.64	1647.67	1559.33	-1.20	5.67
C. DGH (JVC/Private)	7404.07	3611.12	3405.18	3343.55	-5.70	1.84
All India Total (A+B+C)	30003.07	14997.67	14677.66	14734.11	-2.13	-0.38

6.2 Crude Oil Processed

Table - 39: Crude Oil Processed - September 2023

(In Thousand Tonnes)

Name of the Unit	September 2023		September 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
BORL(Bina)	650.00	680.20	650.73	4.65	4.53
BPCL, Kochi	1320.00	1299.36	1156.02	-1.56	12.40
BPCL, Mumbai	900.00	1354.53	1261.03	50.50	7.41
CPCL, Manali	516.39	1007.97	961.61	95.20	4.82
CPCL, Narimanam (CBR)	0.00	0.00	0.00	-	-
EOL, Vadinar	1692.16	1666.73	1692.16	-1.50	-1.50
HMEL, GGSRR, Bhatinda	582.52	1074.65	932.59	84.48	15.23
HPCL, Mumbai	779.88	846.75	786.46	8.57	7.67
HPCL, Vishakhapatnam	983.74	1013.17	814.04	2.99	24.46
IOC, Barauni	535.33	529.03	544.50	-1.18	-2.84
IOC, Bongaigaon	240.00	251.38	244.44	4.74	2.84
IOC, Digboi	60.00	51.97	44.35	-13.38	17.18
IOC, Gujarat(Koyali)	1275.00	1169.64	1270.87	-8.26	-7.97
IOC, Guwahati	74.63	90.04	86.65	20.65	3.91
IOC, Haldia	420.51	325.10	701.74	-22.69	-53.67
IOC, Mathura	712.26	721.79	767.40	1.34	-5.94
IOC, Panipat	1307.71	1194.48	1153.66	-8.66	3.54
IOC, Paradip	1281.58	1172.85	274.67	-8.48	327.00
MRPL, Mangalore	850.00	764.90	1329.62	-10.01	-42.47
NRL, Numaligarh	268.00	275.95	247.85	2.97	11.34
ONGC, Tatipaka	5.36	4.18	6.82	-22.01	-38.71
RIL, Jamnagar	2784.11	2807.15	2784.11	0.83	0.83
RIL, SEZ	1838.73	1986.70	1838.73	8.05	8.05
All India Total	19077.91	20288.52	19550.05	6.35	3.78

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

(In Thousand Tonnes)

Name of the Unit	Annual Target 2023-2024	April-September 2023		April- September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- September 2023	Actual April- September 2022
BORL(Bina)	7000.00	3075.00	3047.32	3659.52	-0.90	-16.73
BPCL, Kochi	15800.00	7815.00	8351.26	8066.81	6.86	3.53
BPCL, Mumbai	14500.00	7200.00	8067.64	6637.03	12.05	21.55
CPCL, Manali	10200.00	4710.00	5725.89	5759.36	21.57	-0.58
CPCL, Narimanam (CBR)	-	0.00	0.00	0.00	-	-
EOL, Vadinar	18692.45	10243.07	10108.69	10243.07	-1.31	-1.31
HMEL, GGSRR, Bhatinda	11451.69	5531.57	6519.45	6291.30	17.86	3.63
HPCL, Mumbai	9002.38	4704.79	4962.64	4857.09	5.48	2.17
HPCL, Vishakhapatnam	12003.24	5534.29	6187.51	4435.97	11.80	39.48
IOC, Barauni	6630.00	3265.53	3297.36	3388.06	0.97	-2.68
IOC, Bongaigaon	2750.03	1476.00	1501.64	1281.56	1.74	17.17
IOC, Digboi	690.00	334.00	306.29	349.58	-8.30	-12.38
IOC, Gujarat(Koyali)	14440.01	6727.40	7490.51	7844.38	11.34	-4.51
IOC, Guwahati	1000.14	531.31	561.76	546.79	5.73	2.74
IOC, Haldia	7619.98	3342.22	3809.89	4229.92	13.99	-9.93
IOC, Mathura	9200.30	4266.53	4317.37	4617.44	1.19	-6.50
IOC, Panipat	14320.00	7579.93	7437.39	7194.00	-1.88	3.38
IOC, Paradip	15300.00	7638.85	7802.21	5577.08	2.14	39.90
MRPL, Mangalore	15900.00	7400.00	7609.42	8265.33	2.83	-7.94
NRL, Numaligarh	2800.00	1167.00	847.41	1559.87	-27.39	-45.67
ONGC, Tatipaka	63.04	30.30	33.55	35.58	10.73	-5.71
RIL, Jamnagar	34433.47	17859.01	17205.28	17859.01	-3.66	-3.66
RIL, SEZ	27871.76	13606.85	14623.60	13606.85	7.47	7.47
All India Total	251668.49	124038.65	129814.08	126305.60	4.66	2.78

6.3 Refinery Capacity Utilisation**Table - 41: Refinery Capacity Utilisation - September 2023**

(In Thousand Tonnes)

Name of the Unit	September 2023			September 2022		
	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity
BORL(Bina)	639.00	680.20	106.5	641.00	650.73	101.5
BPCL, Kochi	1270.00	1299.36	102.3	1274.00	1156.02	90.7
BPCL, Mumbai	984.00	1354.53	137.7	986.00	1261.03	127.9
CPCL, Manali	861.00	1007.97	117.1	863.00	961.61	111.4
CPCL, Narimanam (CBR)	0.00	0.00	-	0.00	0.00	-
EOL, Vadinar	1639.00	1666.73	101.7	1644.00	1692.16	102.9
HMEL, GGSRR, Bhatinda	926.00	1074.65	116.1	929.00	932.59	100.4
HPCL, Mumbai	779.00	846.75	108.7	781.00	786.46	100.7
HPCL, Vishakhapatnam	902.00	1013.17	112.3	682.00	814.04	119.4
IOC, Barauni	492.00	529.03	107.5	493.00	544.50	110.5
IOC, Bongaigaon	221.00	251.38	113.8	222.00	244.44	110.1
IOC, Digboi	53.00	51.97	98.1	53.00	44.35	83.7
IOC, Gujarat(Koyali)	1123.00	1169.64	104.2	1126.00	1270.87	112.9
IOC, Guwahati	82.00	90.04	109.8	82.00	86.65	105.7
IOC, Haldia	656.00	325.10	49.6	658.00	701.74	106.7
IOC, Mathura	656.00	721.79	110.0	658.00	767.40	116.6
IOC, Panipat	1230.00	1194.48	97.1	1233.00	1153.66	93.6
IOC, Paradip	1230.00	1172.85	95.4	1233.00	274.67	22.3
MRPL, Mangalore	1230.00	764.90	62.2	1233.00	1329.62	107.8
NRL, Numaligarh	246.00	275.95	112.2	247.00	247.85	100.3
ONGC, Tatipaka	5.00	4.18	83.6	5.00	6.82	136.4
RIL, Jamnagar	2705.00	2807.15	103.8	2712.00	2784.11	102.7
RIL, SEZ	2885.00	1986.70	68.9	2893.00	1838.73	63.6
All India Total	20814.00	20288.52	97.5	20648.00	19550.05	94.7

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

(In Thousand Tonnes)

Name of the Unit	April-September 2023			April-September 2022		
	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity
BORL(Bina)	3900.00	3047.32	78.1	3911.00	3659.52	93.6
BPCL, Kochi	7750.00	8351.26	107.8	7771.00	8066.81	103.8
BPCL, Mumbai	6000.00	8067.64	134.5	6016.00	6637.03	110.3
CPCL, Manali	5250.00	5725.89	109.1	5264.00	5759.36	109.4
CPCL, Narimanam (CBR)	0.00	0.00	-	0.00	0.00	-
EOL, Vadinar	10000.00	10108.69	101.1	10027.00	10243.07	102.2
HMEL, GGSRR, Bhatinda	5650.00	6519.45	115.4	5665.00	6291.30	111.1
HPCL, Mumbai	4750.00	4962.64	104.5	4763.00	4857.09	102.0
HPCL, Vishakhapatnam	5500.00	6187.51	112.5	4161.00	4435.97	106.6
IOC, Barauni	3000.00	3297.36	109.9	3008.00	3388.06	112.6
IOC, Bongaigaon	1350.00	1501.64	111.2	1354.00	1281.56	94.7
IOC, Digboi	325.00	306.29	94.2	326.00	349.58	107.2
IOC, Gujarat(Koyali)	6850.00	7490.51	109.4	6869.00	7844.38	114.2
IOC, Guwahati	500.00	561.76	112.4	501.00	546.79	109.1
IOC, Haldia	4000.00	3809.89	95.3	4011.00	4229.92	105.5
IOC, Mathura	4000.00	4317.37	107.9	4011.00	4617.44	115.1
IOC, Panipat	7500.00	7437.39	99.2	7521.00	7194.00	95.7
IOC, Paradip	7500.00	7802.21	104.0	7521.00	5577.08	74.2
MRPL, Mangalore	7500.00	7609.42	101.5	7521.00	8265.33	109.9
NRL, Numaligarh	1500.00	847.41	56.5	1504.00	1559.87	103.7
ONGC, Tatipaka	33.00	33.55	101.7	33.00	35.58	107.8
RIL, Jamnagar	16500.00	17205.28	104.3	16545.00	17859.01	107.9
RIL, SEZ	17600.00	14623.60	83.1	17648.00	13606.85	77.1
All India Total	126958.00	129814.08	102.3	125951.00	126305.60	100.3

6.4 Natural Gas Production**Table - 43: Production of Natural Gas - September 2023**

(In Million Cubic Metres)

Area/State	September 2023		September 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		September 2023 Target	September 2022 Actual
A. Oil & Natural Gas corporation (ONGC)					
Gujarat	67.29	63.23	68.08	-6.03	-7.12
Assam	38.61	26.69	29.60	-30.87	-9.83
Tamil Nadu	90.69	88.87	92.55	-2.01	-3.98
Offshore	1313.33	1210.26	1275.37	-7.85	-5.11
Andhra Pradesh	81.82	57.51	56.88	-29.71	1.11
Tripura	136.98	131.38	142.36	-4.09	-7.71
Rajasthan	4.50	0.00	0.00	-100.00	-
Total - A	1733.22	1577.94	1664.84	-8.96	-5.22
B. Oil India Ltd. (OIL)					
Rajasthan	19.67	9.16	15.53	-53.43	-41.02
Assam	241.50	244.54	237.13	1.26	3.12
Arunachal Pradesh	3.60	2.63	3.27	-26.94	-19.57
Total - B	264.77	256.33	255.93	-3.19	0.16
C. DGH (JVC/Private)	1271.12	1192.34	931.49	-6.20	28.00
All India Total (A+B+C)	3269.11	3026.61	2852.26	-7.42	6.11

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

(In Million Cubic Metres)

Area/State	Annual Target 2023-2024	April-September 2023		April- September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- September 2023	Actual April- September 2022
A. Oil & Natural Gas corporation (ONGC)						
Gujarat	812.17	412.15	396.93	432.18	-3.69	-8.16
Assam	471.00	234.37	168.70	181.38	-28.02	-6.99
Tamil Nadu	1104.71	555.86	544.66	570.39	-2.01	-4.51
Offshore	15551.22	7863.19	7517.76	7729.01	-4.39	-2.73
Andhra Pradesh	957.16	423.27	332.30	362.10	-21.49	-8.23
Tripura	1608.04	814.95	790.33	800.79	-3.02	-1.31
Rajasthan	54.75	27.45	0.00	0.00	-100.00	-
Total - A	20559.05	10331.24	9750.68	10075.85	-5.62	-3.23
B. Oil India Ltd. (OIL)						
Rajasthan	240.00	120.00	81.67	90.46	-31.94	-9.72
Assam	2865.42	1415.04	1414.86	1409.10	-0.01	0.41
Arunachal Pradesh	49.57	21.96	20.62	26.99	-6.10	-23.60
Total - B	3154.99	1557.00	1517.15	1526.55	-2.56	-0.62
C. DGH (JVC/Private)	14466.50	6609.51	6611.08	5581.70	0.02	18.44
All India Total (A+B+C)	38180.54	18497.75	17878.91	17184.10	-3.35	4.04

7. ROADS

7.1 UPGRADATION OF NATIONAL HIGHWAYS

Table - 45: Performance of NHAI during - September 2023

Financial (Rs. in Crore)	September 2023		September 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
Total Expenditure	0.00	0.00	0.00	-	-
Physical					
Widening/ Strengthening/ existing weak pavement to four/six/eight lanes (Kms.)	269.00	132.00	190.50	-50.93	-30.71
Construction of Bridges (Nos.)	0	0	0	-	-
Construction of bypass (Nos.)	0	0	0	-	-

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

Financial (Rs. in Crore)	Annual Target 2023-2024	April-September 2023		April- September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- September 2023	Actual April- September 2022
Total Expenditure	0.00	0.00	0.00	0.00	-	-
Physical						
Widening/ Strengthening/ existing weak pavement to four/six/eight lanes (Kms.)	6544.00	2212.00	1517.00	1561.70	-31.42	-2.86
Construction of Bridges (Nos.)	0	0	0	0	-	-
Construction of bypass (Nos.)	0	0	0	0	-	-

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

Financial (Rs. in Crore)	September 2023		September 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target	Actual September 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.)	140.00	19.00	14.90	11.86	27.52
Widening to two lanes (Kms.)		125.90	93.58		34.54
Strengthening of existing weak pavement (Kms.)		11.70	133.24		-91.22
Rehabilitation/ Construction of Bridges (Nos.)		0	1		-100.00
Construction of bypasses (Nos.)		0	0		-
Construction of Missing Links (Kms.)		0.00	0.00		-
Improvement of riding quality prog.(IRQP) (Kms.)	50.00	50.50	37.10	1.00	36.12

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

Financial (Rs. in Crores)		April-September 2023			% Variation Over	
	Annual Target 2023-2024	Target	Achievement (Provisional)	April- September 2022 Actual	Target April- September 2023	Actual April- September 2022
Total Expenditure	0.00	0.00	0.00	0.00	-	-
Physical						
Improvement of low grade section (Kms.)	0.00	0.00	0.00	0.00	-	-
Widening to four/six/eight lanes (Kms.)	5155.00	1522.00	211.90	127.13	13.85	66.68
Widening to two lanes (Kms.)			1061.30	677.60		56.63
Strengthening of existing weak pavement (Kms.)			459.60	746.42		-38.43
Construction of Missing Links (Kms.)			0.00	3.68		-100.00
Construction of bypasses (Nos.)			0	0.25		-
Rehabilitation/ Construction of Bridges (Nos.)	0		0	3		-100.00
Improvement of riding quality prog.(IRQP) (Kms.)	0.00	800.00	796.00	486.00	-0.50	63.79

8. RAILWAYS

8.1 Revenue earning freight traffic

Table - 49: Revenue earning freight traffic - September 2023

(In Million Tonnes)

Commodity	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target September 2023	Actual September 2022
Coal	58.35	59.70	54.60	2.31	9.34
Raw material for steel plants except Iron Ore	2.43	2.43	2.28	0.00	6.58
Pig iron and finished steel	6.00	5.79	5.32	-3.50	8.83
Iron ore	13.91	14.29	12.49	2.73	14.41
Cement	12.09	11.15	11.01	-7.78	1.27
Foodgrains	4.56	4.55	6.08	-0.22	-25.16
Fertilizers	4.45	4.24	4.52	-4.72	-6.19
Mineral Oil (POL)	3.95	4.00	3.88	1.27	3.09
Container Service	6.55	7.29	5.99	11.30	21.70
Balance other goods	10.54	10.11	9.63	-4.08	4.98
Total	122.83	123.55	115.80	0.59	6.69

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

(In Million Tonnes)

Commodity	Annual Target 2023-2024	April-September 2023		April- September 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- September 2023	Actual April- September 2022
Coal	775.82	382.41	371.22	359.99	-2.93	3.12
Raw material for steel plants except Iron Ore	30.50	14.76	14.21	13.71	-3.73	3.65
Pig iron and finished steel	75.00	35.66	34.21	31.49	-4.07	8.64
Iron ore	177.00	80.83	85.14	73.80	5.33	15.37
Cement	160.00	76.67	73.61	70.45	-3.99	4.49
Foodgrains	52.00	26.64	25.66	36.99	-3.68	-30.63
Fertilizers	55.40	26.55	28.37	26.78	6.85	5.94
Mineral Oil (POL)	50.68	24.59	24.60	23.80	0.04	3.36
Container Service	87.22	42.29	41.60	38.60	-1.63	7.77
Balance other goods	139.38	66.70	59.57	61.09	-10.69	-2.49
Total	1603.00	777.10	758.19	736.70	-2.43	2.92

9. SHIPPING & PORTS

9.1 Cargo handled at Major Ports

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

(In Thousand Tonnes)

Name of the port	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		September 2023	September 2022
Kolkata	NA	1286	1278	-	0.63
Haldia	NA	3533	4027	-	-12.27
Paradip	NA	10389	9349	-	11.12
Vishakhapatnam	NA	6470	6227	-	3.90
Chennai	NA	4377	4154	-	5.37
V.O.Chidambaranar (Tuticorin)	NA	3434	3073	-	11.75
Cochin	NA	2764	2572	-	7.47
New Mangalore	NA	2791	2757	-	1.23
Mormugao	NA	1219	1178	-	3.48
JN Port Trust (JNPT)	NA	6951	6465	-	7.52
Mumbai	NA	5466	5548	-	-1.48
Kandla	NA	9809	12273	-	-20.08
Kamarajar (Ennore)	NA	3431	2814	-	21.93
Total	NA	61920	61715	-	0.33

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

(In Thousand Tonnes)

Name of the port	Annual Target 2023-2024	April-September 2023		April-September 2022	% Variation Over	
		Target	Achievement (Provisional)		Target April-September	Actual April-September
Kolkata	NA	NA	8279	8064	-	2.67
Haldia	NA	NA	22880	22845	-	0.15
Paradip	NA	NA	69147	63729	-	8.50
Vishakhapatnam	NA	NA	39611	38547	-	2.76
Chennai	NA	NA	25303	24162	-	4.72
V.O.Chidambaranar (Tuticorin)	NA	NA	19840	19318	-	2.70
Cochin	NA	NA	17233	17005	-	1.34
New Mangalore	NA	NA	20168	19109	-	5.54
Mormugao	NA	NA	8622	8244	-	4.59
JN Port Trust (JNPT)	NA	NA	42187	40170	-	5.02
Mumbai	NA	NA	33013	30515	-	8.19
Kandla	NA	NA	64971	70894	-	-8.35
Kamarajar (Ennore)	NA	NA	22478	22092	-	1.75
Total	NA	NA	393732	384694	-	2.35

9.2 Coal handled at major ports

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

(In Thousand Tonnes)

Name of the port	September 2023		2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		September 2023	September 2022
Kolkata	NA	75	188	-	-60.11
Haldia	NA	1242	1896	-	-34.49
Paradip	NA	5130	4866	-	5.43
Vishakhapatnam	NA	1423	1630	-	-12.70
Chennai	NA	0	0	-	-
V.O.Chidambaranar (Tuticorin)	NA	1728	1313	-	31.61
Cochin	NA	0	0	-	-
New Mangalore	NA	506	154	-	228.57
Mormugao	NA	895	875	-	2.29
JN Port Trust (JNPT)	NA	0	0	-	-
Mumbai	NA	680	580	-	17.24
Kandla	NA	1187	2168	-	-45.25
Kamarajar (Ennore)	NA	1631	1262	-	29.24
Total	NA	14497	14932	-	-2.90

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

(In Thousand Tonnes)

Name of the port	Annual Target 2023-2024	April-September 2023		April- September 2022	% Variation Over	
		Target	Achievement (Provisional)		Target April- September	Actual April- September
Kolkata	NA	NA	853	914	-	-6.67
Haldia	NA	NA	9365	9714	-	-3.59
Paradip	NA	NA	31053	31316	-	-0.84
Vishakhapatnam	NA	NA	8512	11071	-	-23.11
Chennai	NA	NA	0	0	-	-
V.O.Chidambaranar (Tuticorin)	NA	NA	8454	7691	-	9.92
Cochin	NA	NA	0	0	-	-
New Mangalore	NA	NA	2776	2382	-	16.54
Mormugao	NA	NA	5122	5209	-	-1.67
JN Port Trust (JNPT)	NA	NA	0	0	-	-
Mumbai	NA	NA	3752	3431	-	9.36
Kandla	NA	NA	10069	11015	-	-8.59
Kamarajar (Ennore)	NA	NA	12097	11785	-	2.65
Total	NA	NA	92053	94528	-	-2.62

10. CIVIL AVIATION

10.1 Cargo handled at Airports

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

(In Metric Tonnes)

Airports/ Type		September 2023		handled during September 2022	% Variation Over	
		Target	Cargo handled		Target September 2023	Actual September 2022
Mumbai	Export	27360	25278	23766	-7.61	6.36
	Import	24455	20234	21242	-17.26	-4.75
Kolkata	Export	3069	3286	2923	7.07	12.42
	Import	878	902	836	2.73	7.89
Delhi	Export	24244	27600	23881	13.84	15.57
	Import	25861	26845	25474	3.80	5.38
Chennai	Export	11185	9769	10652	-12.66	-8.29
	Import	12052	11120	11478	-7.73	-3.12
Trivandrum	Export	2043	1375	1386	-32.70	-0.79
	Import	12	19	8	58.33	137.50
Others	Export	25651	26772	26490	4.37	1.06
	Import	12654	12555	13259	-0.78	-5.31
Total	Export	93552	94080	89098	0.56	5.59
	Import	75912	71675	72297	-5.58	-0.86

93552

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

(In Metric Tonnes)

Airports/ Type		Annual Target 2023-2024	April-September 2023		Cargo handled during April-September	% Variation Over	
			Target	Cargo handled		Target April-September 2023	Actual April-September 2022
Mumbai	Export	325801	161244	156048	140060	-3.22	11.42
	Import	296028	152944	126038	132851	-17.59	-5.13
Kolkata	Export	34511	15996	16275	15233	1.74	6.84
	Import	11169	6055	5112	5767	-15.57	-11.36
Delhi	Export	289735	144426	159519	142263	10.45	12.13
	Import	269116	142175	143526	140045	0.95	2.49
Chennai	Export	120639	62025	57196	59071	-7.79	-3.17
	Import	150256	80696	68469	76853	-15.15	-10.91
Trivandrum	Export	21770	11180	8299	7583	-25.77	9.44
	Import	230	108	83	72	-23.15	15.28
Others	Export	284754	144601	155676	149571	7.66	4.08
	Import	153761	80219	75677	84598	-5.66	-10.55
Total	Export	1077210	539472	553013	513781	2.51	7.64
	Import	880560	462197	418905	440186	-9.37	-4.83

10.2 Passenger Traffic handled at Airports

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

(In Numbers)

Airports/ Terminal		September 2023		Traffic during September 2022	% Variation Over	
		Target	PAX Traffic		Target September 2023	Actual September 2022
Mumbai	International	1183926	1093625	841087	-7.63	30.03
	Domestic	2972170	3173177	2487161	6.76	27.58
Kolkata	International	213448	193372	160726	-9.41	20.31
	Domestic	1460522	1362926	1201149	-6.68	13.47
Delhi	International	1270244	1495657	1236553	17.75	20.95
	Domestic	4081393	4306691	3834968	5.52	12.30
Chennai	International	490314	462176	402070	-5.74	14.95
	Domestic	1429710	1236030	1085932	-13.55	13.82
Trivandrum	International	158534	157495	147357	-0.66	6.88
	Domestic	165589	187228	132247	13.07	41.57
Others	International	2378225	1940850	1681524	-18.39	15.42
	Domestic	15256042	14170094	11734150	-7.12	20.76
Total	International	5694691	5343175	4469317	-6.17	19.55
	Domestic	25365426	24436146	20475607	-3.66	19.34
Total (International+Domestic)		31060117	29779321	24944924	-4.12	19.38

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

(In Numbers)

Airports/ Terminal		Annual Target 2023-2024	April-September 2023		PAX Traffic during April-September	% Variation Over	
			Target	PAX Traffic		Target April-September 2023	Actual April-September 2022
Mumbai	International	14740000	7117377	6682122	4724922	-6.12	41.42
	Domestic	35900000	18545613	18649780	14677883	0.56	27.06
Kolkata	International	2653991	1258735	1205305	866036	-4.24	39.17
	Domestic	18963532	9214639	8249038	7474158	-10.48	10.37
Delhi	International	16207715	7809395	8917483	6951288	14.19	28.29
	Domestic	49393450	25310349	26774591	23326308	5.79	14.78
Chennai	International	6327653	3199683	2924444	2271088	-8.60	28.77
	Domestic	17140010	8596479	7605829	6392454	-11.52	18.98
Trivandrum	International	1970000	997206	1023096	899603	2.60	13.73
	Domestic	2040000	956392	1085765	772744	13.53	40.51
Others	International	30980642	15020138	12187197	10056347	-18.86	21.19
	Domestic	190153008	92000483	87969865	71631182	-4.38	22.81
Total	International	72880001	35402534	32939647	25769284	-6.96	27.83
	Domestic	313590000	154623955	150334868	124274729	-2.77	20.97
Total (International+Domestic)		386470001	190026488	183274515	150044013	-3.55	22.15

11. TELECOMMUNICATIONS

Table - 59: Performance of Telecommunication Sector - August 2023

Name of the Product/Sector	Aug-23		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 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	*	-116365	-29983	-	-
b) Private Sector	*	289693	377947	-	-23.35
Total	*	173328	347964	-	-50.19
Provision of net new Wireless (Mobile) connections (WLL+GSM) (in Numbers)					
a) Public Sector	*	-2219935	-1281013	-	-
b) Private Sector	*	4413361	1919873	-	129.88
Total	*	2193426	638860	-	243.33

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

Name of the Product/Sector	Annual Target 2023-2024	April-August 2023		April-August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-August 2023	Actual April-August 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	*	*	-1043283	-471698	-	-
b) Private Sector	*	*	2546946	1569226	-	62.31
Total	*	*	1503663	1097528	-	37.00
Provision of net new Wireless (Mobile) connections (WLL+GSM) (in Numbers)						
a) Public Sector	*	*	-8148641	-4094314	-	-
b) Private Sector	*	*	12587979	11093881	-	13.47
Total	*	*	4439338	6999567	-	-36.58