

REVIEW OF INFRASTRUCTURE SECTOR PERFORMANCE

(August-2023)



**GOVERNMENT OF INDIA
MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION
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Contents

	Page
Performance Summary	01-19
Annexure A	20
Highlights	21
Noteworthy Performance	22
Area of concern	23
Sector wise details:	
1. Power	24
2. Coal	30
3. Steel	34
4. Cement	36
5. Fertilizers	37
6. Petroleum and Natural Gas	39
7. Roads	43
8. Railways	45
9. Shipping and Ports	46
10. Civil Aviation	48
11. Telecommunications	50

PERFORMANCE OF INFRASTRUCTURE SECTORS (August, 2023 and April - August, 2023)

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

During the month of August 2023, Power generation (excluding Renewable energy), Crude Oil Processed pertaining to Petroleum & Natural Gas Sector, Upgradation of highways by NHAI (Widening to two/four/six/eight lanes and strengthening of existing weak pavement), State PWD and Border Road organization (BRO) (Widening to two/four/six/eight lanes and strengthening of existing weak pavement) and Export cargo handled at airports were **higher** than the target for the month. Production of Coal, Fertilizers, Crude oil and Natural Gas Production pertaining to Petroleum & Natural Gas Sector, 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 August, 2023 w.r.t August, 2022

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

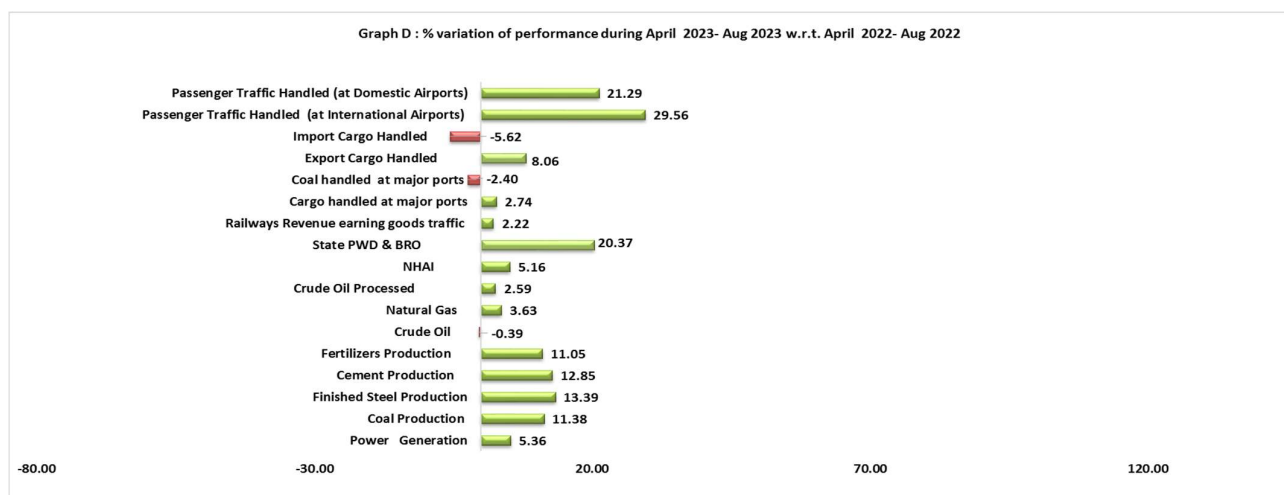
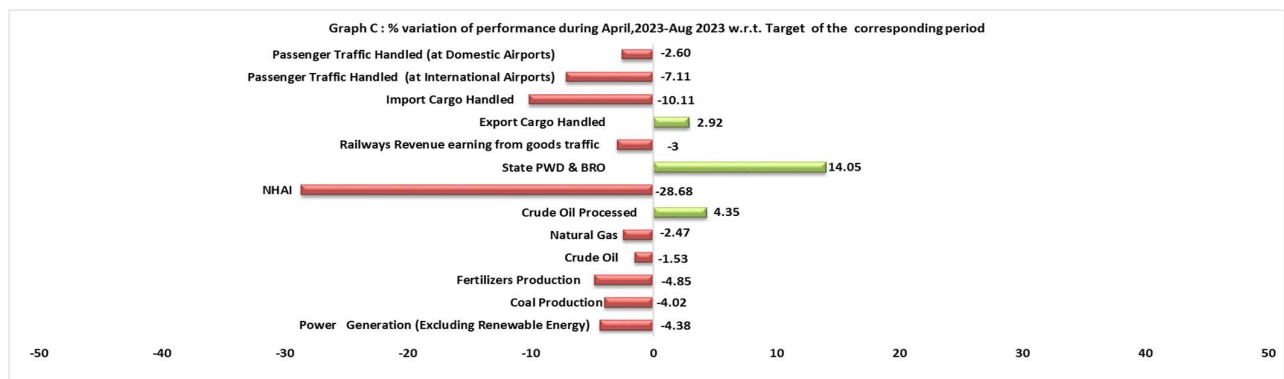
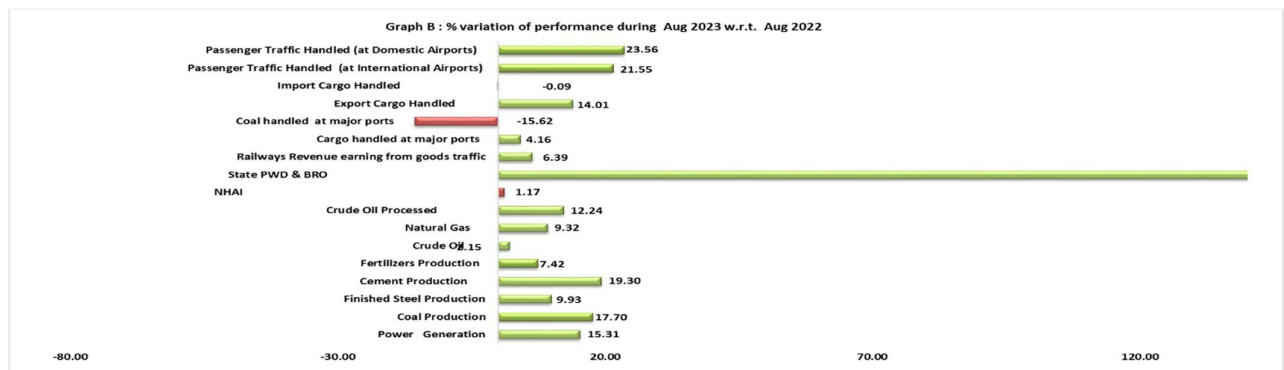
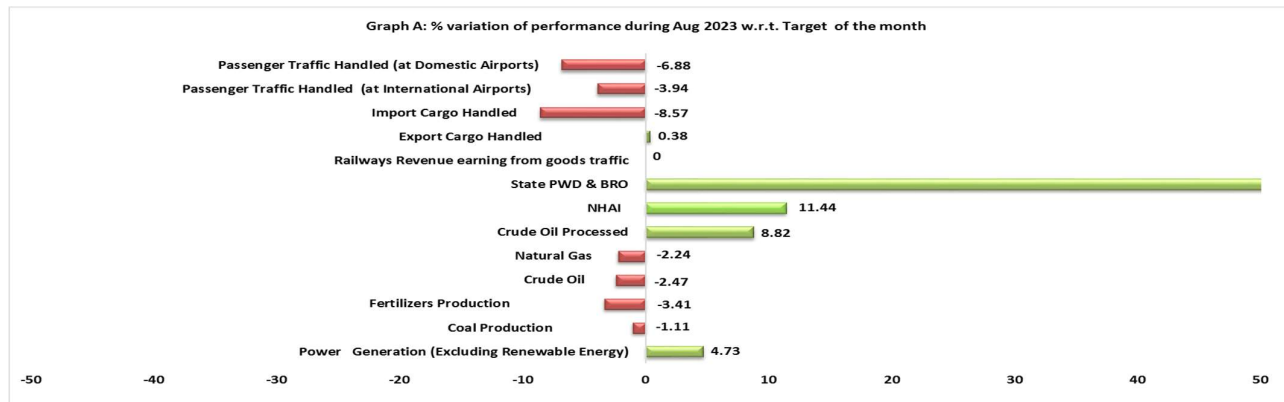
Performance during April – August, 2023 w.r.t target for the period

During April - August, 2023, Crude Oil Processed pertaining to Petroleum & Natural Gas Sector, State PWD and Border Road organization (BRO) (Widening to two/four/six/eight lanes and strengthening of existing weak pavement), 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, Fertilizers, Crude oil and Natural gas production pertaining to Petroleum & Natural Gas Sector, Upgradation of highways by NHAI (Widening to two/four/six/eight lanes and strengthening of existing weak pavement), 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 – August, 2023 w.r.t April – August, 2022

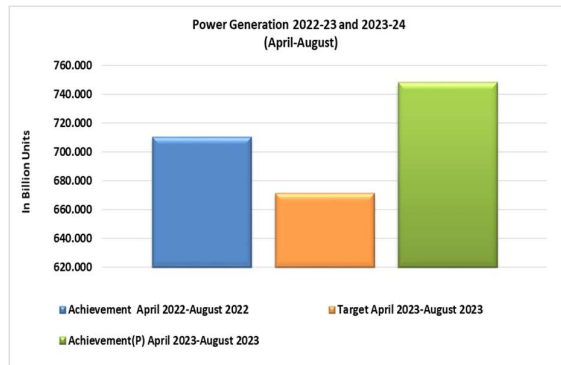
Production of Power, Coal, Finished steel, Cement, Fertilizers, Crude oil processed & Natural gas production pertaining to Petroleum & Natural Gas Sector, Upgradation of highways by NHAI (Widening to two/four/six/eight lanes and strengthening of existing weak pavement), state PWD and Border Road organization (BRO) (Widening to two/four/six/eight lanes and strengthening of existing weak pavement), revenue earning goods 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 were **higher** than the performance during the corresponding period of the previous year. The Production of Crude oil pertaining to Petroleum & Natural Gas Sector, Coal handled at major ports, Import cargo handled at airports and Net new wireless connections provided were **lower** than the performance during the corresponding

period of the previous year. (Ref Graph D below



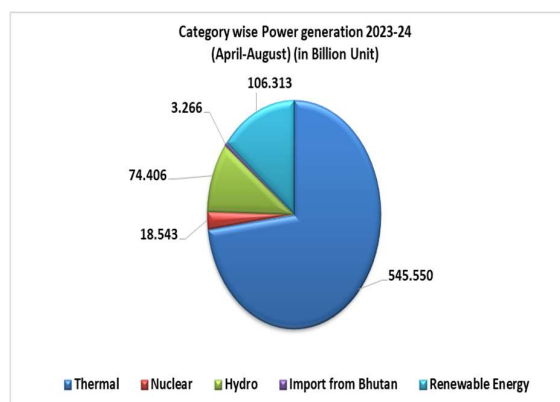
1. POWER

1.1 During August, 2023, the total power generation including power generation in private sector at 161.67 Billion Units (BU) was 22.68% **higher** than the target for the month and 15.31% **higher** than the performance during the corresponding month of the previous year.

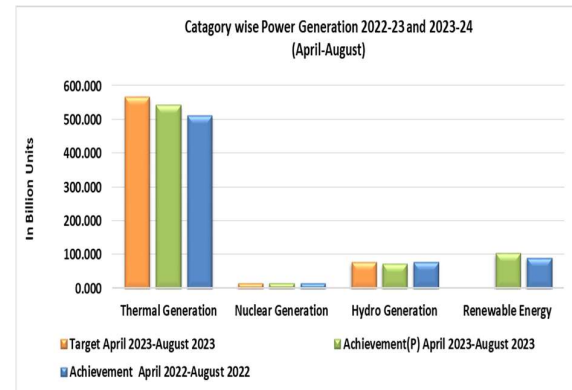


The above graph depicts that during April - August, 2023, the overall power generation including power generation in private sector at 748.07 Billion Units (BU) was 11.46% **higher** than the targets for the period and 5.36% **lower** than the power generation during the corresponding period of the previous year.

During April - August, 2023 the share of thermal, nuclear, hydro power plants and renewable energy in power generation was 72.93%, 2.48%, 9.95% and 14.21% respectively. The overall growth of power generation during April - August, 2023 has **decreased** to 5.36% compared to the (+)10.62% achieved during April - August, 2022.



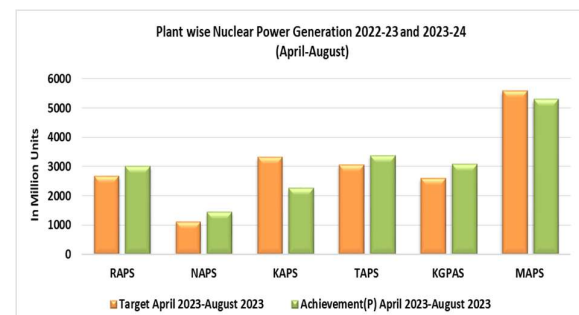
The graph depicts category wise power generation during April - August, 2023 with respect to targets for the period and generation during April - August, 2022.



1.2 Thermal power generation during April - August, 2023 at 545.550 BU was 4.03% **lower** than the target for the period and 6.30% **higher** than the power generation during the corresponding period of the previous year. Thermal Plant Load Factor (PLF) at 68.11% was **lower** than the target of 69.34% for the period and **higher** than the PLF of 64.81% achieved during the corresponding period of the previous year.

The Nuclear power generation at 18.54 BU during April-August, 2023 was 0.63% **higher** than the target for the period and 0.14% **higher** than the nuclear generation during the corresponding period of the previous year. Nuclear PLF at 71.49% was **higher** than the target of 66.15% for the period and **lower** than the achievement of 74.38% during the corresponding period of the previous year.

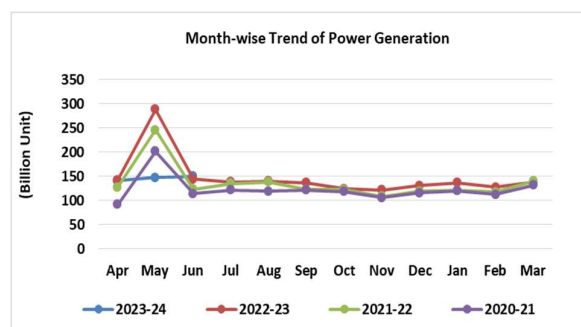
The Plant wise Nuclear Power Generation April - August, 2023 with respect to Target of the same period is shown in below graph.



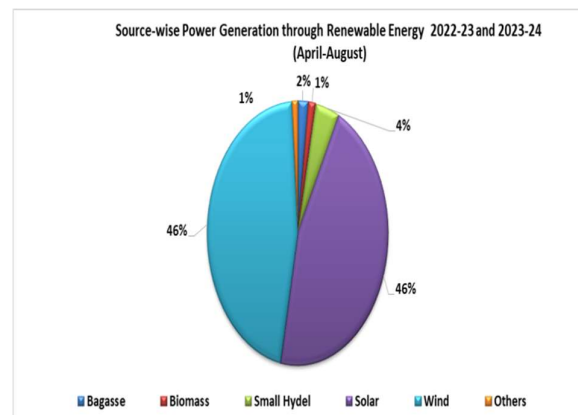
1.3 During April - August, 2023, Hydro power generation at 74.41 BU was 7.59% **lower** than the target as well as 8.41% **lower** than the achievements during corresponding period of the previous year.

1.4 During April - August, 2023, Renewable energy generation at 106.31 BU was 14.46% **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.**

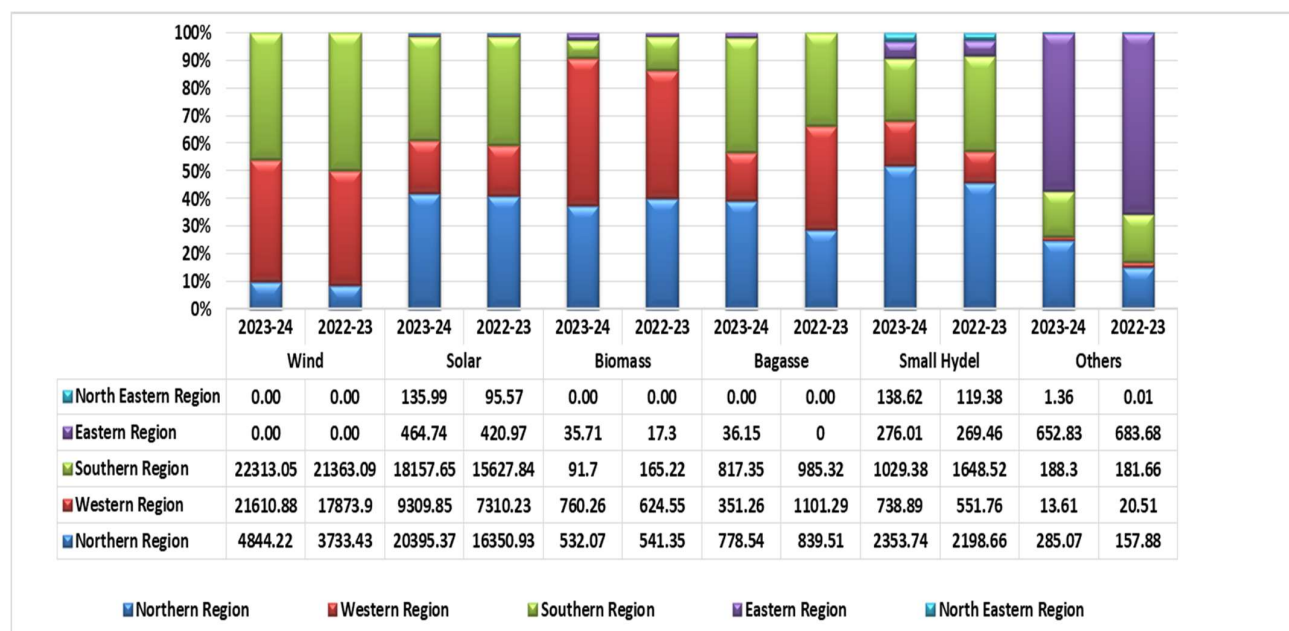
The Month Wise Trend of Power Generation during FY 2020-21, FY 2021-22, FY 2022-23 and (April-August) FY 2023-24 is given in the chart shown below:



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

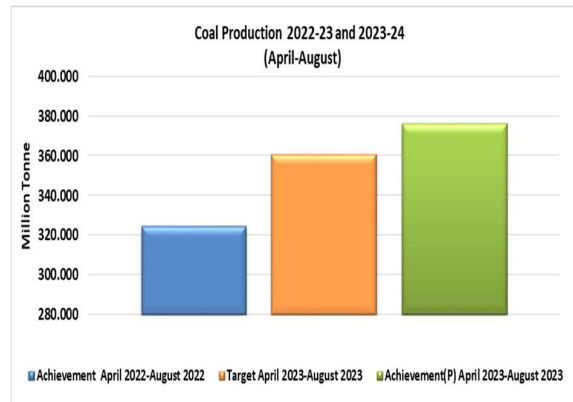


1.6 The graph given below depicts the comparison between current year and previous year in two dimensions i.e. **Region- wise as well as generation of renewable energy from various sources**



2. COAL

2.1 During August, 2023, the coal production (includes production of private sector) at 68.38 Million Tonnes (MT) was 1.11% **lower** than the target for month and 17.70% **higher** than the production during the corresponding month of the previous year.



Above graph depicts that, coal production during April - August, 2023, at 361.03 Million Tonnes (MT) were 4.02% **lower** than the target for the period and 11.38% **higher** than the production during the corresponding period of the previous year. The coal production of all coal companies except ECL, CCL, MCL & NEC were **higher** than the targets for the period.

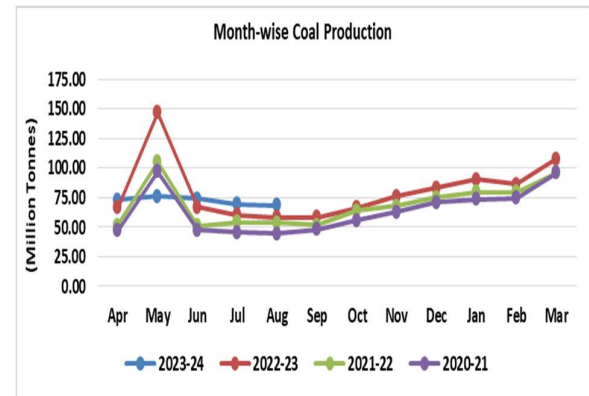
During the April - August, 2023, 22.19 MT coking coal was produced by Coal India Ltd (CIL) and other companies produced 2.65 MT coking coal. The CIL also provided 0.58 MT of washed coal during the period.

2.2 During April - August, 2023, 392.1 MT coal was dispatched which was 3.59% **lower** than the target for the period and 10.31% **higher** than the coal dispatched during the corresponding period of the previous year as shown in figure below.

2.3 As on 31st August, 2023, 53.72 MT coal was lying at the pitheads compared to 37.46 MT during August, 2022.

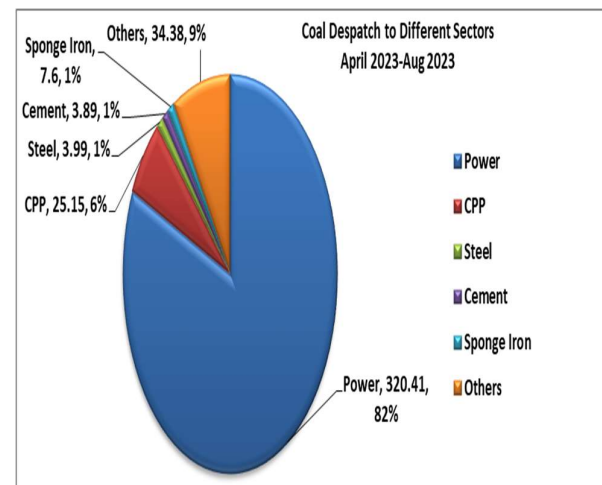
The monthly trend of coal production during FY 2020-21, FY 2021-22, FY 2022-23 and (April-August) FY

2023-24 is given in the chart shown below:



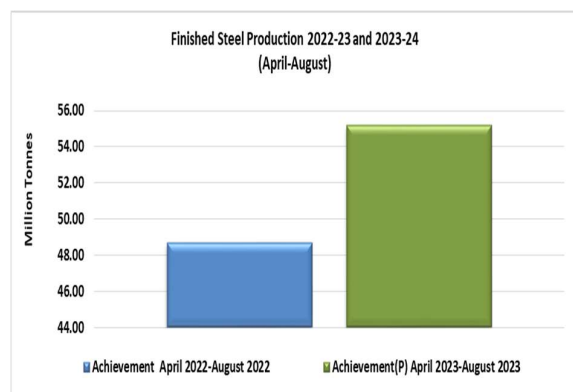
India's coal production increased by 17.76% to 68.37 MT from 58.05 MT during Aug'23 as compared to Aug'22. During Aug'23, CIL, SCCL and Captives/Others registered a growth of 13.19%, 22.44% & 42.63% by producing 52.31 MT, 5.02 MT & 11.04 MT of coal respectively.

The Power utilities despatch has increased by 12.78% to 60.54 MT during Aug'23 as compared to 53.68 MT during Aug'22. The Coal Despatch to different sectors for April-August, 2023 is shown in below chart:



3. FINISHED STEEL

3.1 The production of **finished steel** including production in the private sector, during August, 2023 at 10.94 Million Tonnes (MT) was 9.93% **higher** than the production during the corresponding month of the previous year.

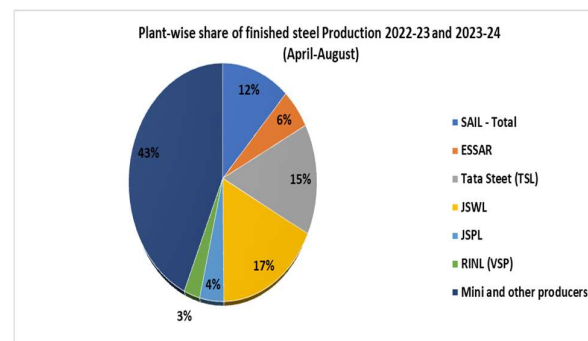


Above graph depicts that, production of finished steel including production in private sector during April - August, 2023 at 55.17 MT was 13.39% **higher** than the production during the corresponding period of the previous year. The growth rate is **increased** to (+)13.39% compared to (+)9.08% achieved during April-August, 2022. During this period, the capacity utilization of SAIL at 111.70% was **higher** than the capacity utilized 101.40% during April - August, 2022.

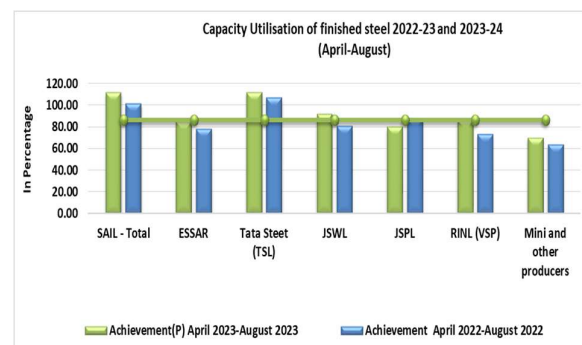
3.2 During April - August, 2023, the production at SAIL steel plants at 6.63 MT was 10.14% **higher** than the production during the corresponding period of the previous year. However, the total production (All India) of the finished steel could not be compared with the targets as the reporting agency (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 - August, 2023 is given in below chart. The main producers (SAIL + VSP + Tata Steel + JSWL + ESSAR + JSPL) produced 31.16 MT finished steel; accounted for 56.48% of the total (All India)

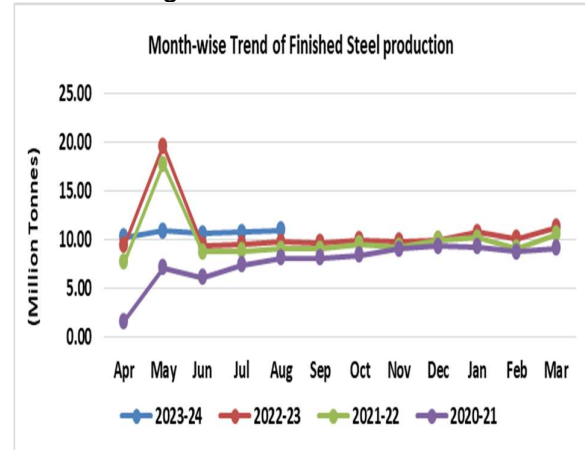
finished steel production. During the period, the share of **SAIL** was 12.02% in total (All India) finished steel production.



3.4. During April - August, 2023, the capacity utilization of finished steel of all India is at 83.50%. However, the capacity utilization of SAIL and Tata Steel are highest among the main producers as shown in below figure.

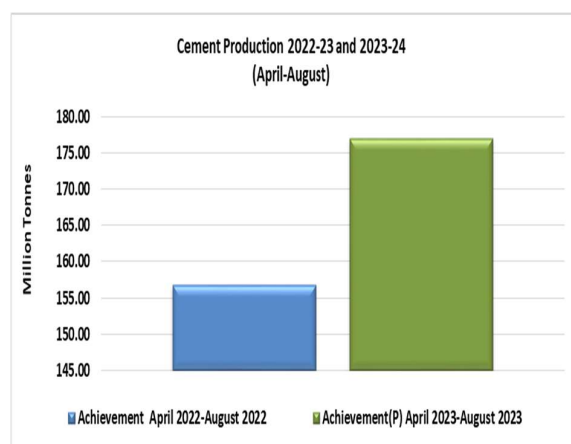


The monthly trend of finished steel production during FY 2020-21, FY 2021-22, FY 2022-23 and (April-August) FY 2023-24 is given in the chart shown below:



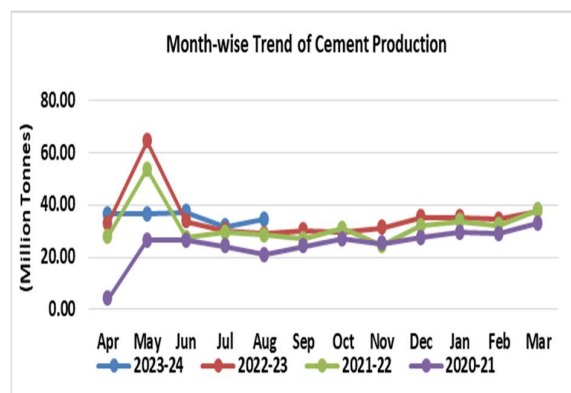
4. CEMENT

4.1 During the month of August, 2023, the cement production at 34.56 Million Tonnes (MT) was 19.30% **higher** than the production of 28.97 MT in the corresponding month of the previous year.



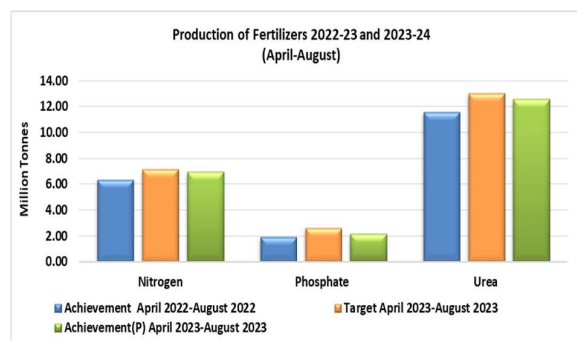
Above graph depicts that during April - August, 2023, the cement production at 177.00 MT was 12.85% **higher** than the production during the corresponding period of the last year. The growth rate has **decreased** to (+)12.85% compared to (+)10.63% growth achieved during April - August, 2022. The reporting agency (Cement Section, Department of Industrial Policy and Promotion) has reported total cement production only; sector-wise productions and targets have not been reported.

The monthly trend of Cement production during FY 2020-21, FY 2021-22, FY 2022-23 and (April-August) 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 August, 2023 accounts for 1.87 Million Tonnes (MT) was **lower** than the target by 8.56% and **higher** than the production during the corresponding month of the previous year by 3.62%.



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

5.2 During April - August, 2023, the overall production of fertilizers (excluding Urea) including production in private sector at 9.12 MT was 6.97% **lower** than the target for the period and 9.44% **higher** than the production during the same period of 2022.

5.3 During August, 2023, production of **nitrogenous fertilizers** at 1.48 MT was 1.12% **lower** than the target for the period and 6.94% **higher** than the production during the corresponding period of the previous year.

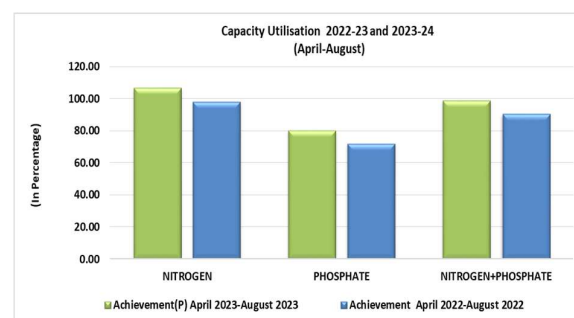
5.4 During August 2023, the **phosphates** at 0.38 MT was 28.97% **lower** than the target for the period and 7.36% **higher** than the production during the corresponding period of the previous year. During April - August, 2023, the overall production of **nitrogenous fertilizers** at 6.94 MT was 2.94% **lower** than the target for the period and 8.81% **higher** than the production during the same period of 2022.

5.5 The production of **neem coated urea** including production in private sector during April - August, 2023 at 12.62 Million

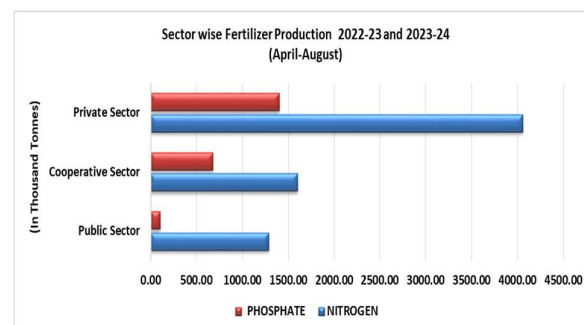
Tonnes (MT) was 3.25% **lower** than the target and 8.62% **higher** than the production during the corresponding month of the previous year.

During August, 2023, production of **neem coated urea** at 2.75 MT was 0.42% **lower** than the target for the month and 10.16% **higher** than the production during the corresponding period of the previous year.

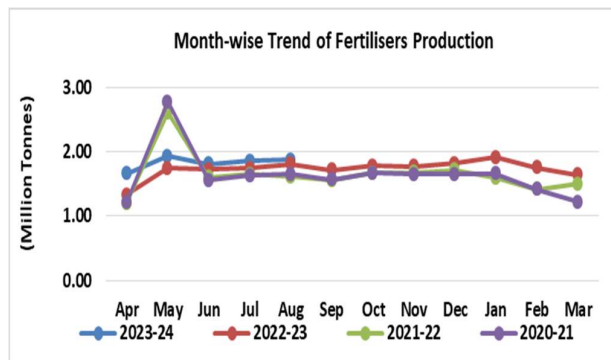
5.7 During April - August, 2023, 99.20% capacity of fertilizer industries was utilized, which was higher than the 90.60% capacity utilized during the corresponding period of the previous year. Below graph depicts overall and nutrients wise capacity Utilization:



5.8 Sector wise Production of fertilizers (excluding Urea) for the April - August, 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-August) FY 2023-24 is given in the chart shown below:



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

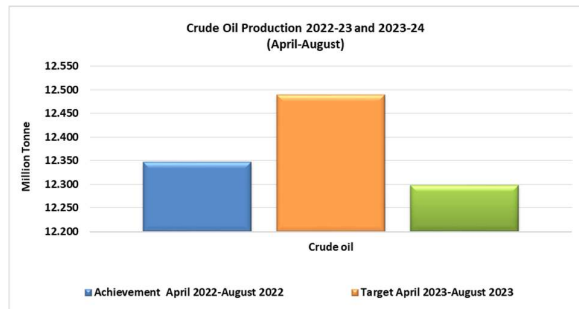
- **GSFC: SIKKA:** As per production planning and raw material PA shortage.
- **IFFCO: KANDLA:** Production was low due to preventive maintenance.
- **IFFCO: PARADEEP -** Production was low due to limitation of availability of Ammonia.
- **MFL: CHENNAI -** Plants were under shut down for Annual Turn Around activities & Statutory Annual Inspection of Boilers between July 01, 2023 & Aug 10, 2023. Urea production resumed on Aug 11, 2023.
- **GSFC: VADODARA -** APS Plant low production due to shortage of Raw materials.
- **PPL:** Raw material stock limitation.
- **CFCL: GADEPAN-I -** Production loss in Gadepan-I is due to shutdown of both Urea units on 17.08.2023 on account of tripping of Synthesis compressor of Ammonia-1 plant. Both Urea units restarted on 19.08.2023.
- **RCF: THAL -** One stream of Urea out of 3 streams, Urea-21 was under shut down from 31.07.2023 to 05.08.2023 due to shutdown of Ammonia-II plant (Raw material Carbon-di-oxide producing plant) for washing of turbine of Process Air Compressor-II. Another stream Urea-31 was under shut down from 05.08.2023 to 17.08.2023 due to shutdown of Ammonia-II plant (Raw material Carbon-di-oxide producing

plant) for Rotor replacement of Process Air Compressor-II. Plant was operated at low load intermittently due to maintenance activities.

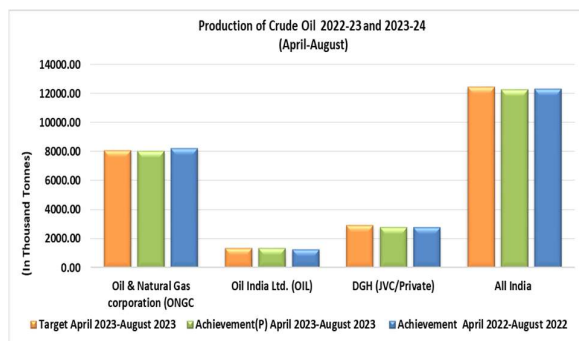
- **NFCL: I - ONGC** taken shutdown of gas wells at 23:20 hrs of 12.08.2023 due to gas leakage at gas feeding line to GAIL pipeline at Odalarevu Terminal. As total gas availability came down to ~ 57000 Sm³/hr (which is not sufficient to run NFCL both Units), GAIL informed NFCL to take shutdown of one unit. Accordingly, Urea-I shutdown was taken.
- **NFL: PANIPAT -** Plant took shutdown for repair of WHB and other major annual maintenance jobs.

6. PETROLEUM & NATURAL GAS

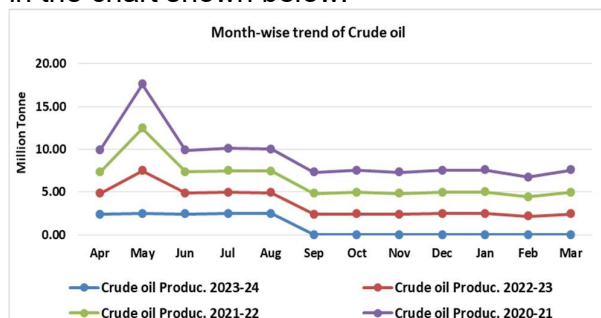
6.1 Production of crude oil including production in private sector during August, 2023, at 2.49 Million Tonnes (MT) was 2.47% **lower** than the target for the month and 2.15% **higher** than the production during the corresponding month of the previous year.



Above graph depicts that crude oil production including production in private sector during April - August, 2023. During April - August, 2023, production of Crude Oil i.e. 12.29 MT was 1.53% **lower** than the target for the period and 0.39% **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-August) 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 Sobhasan & 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, Laiplingaon & Lakwa/Lakhmani fields & stoppage of G/L compressor in Laiplingaon due to local issues
- Less gains from development wells and ceasure of wells, 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.
- Liquid decline & W/C increase in Kesanapalli-W & Malleswaram fields and decline in newly zone transferred wells in Gopavaram in Rajahmundry Asset.

OIL

- Due to less than planned contribution from workover wells and drilling wells.

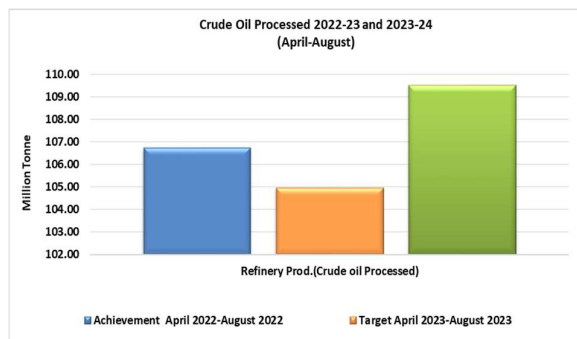
Pvt/JVs

- RJ-ON-90/1 (VEDANTA): Production shortfall due to Well failures and unplanned downtime in Bhagyam; Electric Submersible Pump workover in 01 wel in Mangala; Wells shut-in due to drilling activity and Artificial lift issues in few wells in Aishwarya; workover in well NI-2; Delayed hook-up of 6 producers and 4 injector wells in Raageshwari Oil fields; and Less production due to High water cut

in GCV oil field and Downhole pump issues in Sucker Rod Pump wells in GUDA.

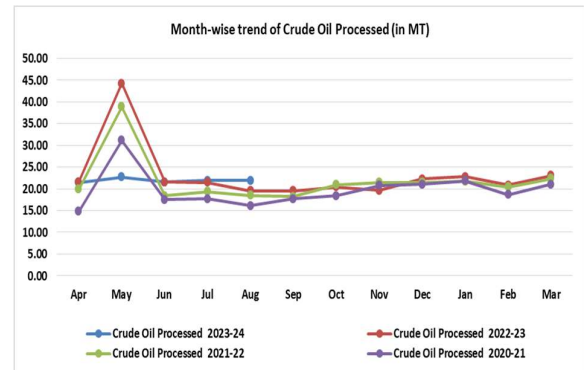
- RAVVA (VEDANTA): Production from well RB-3ST deferred.
- PY-3 (HARDY): Production commencement delayed due to the unavailability of subsea equipment.
- CB-ONN-2003/1 (SUN): Delay in drilling of additional proposed wells.
- MB/OSDSF/B80/2016 (HOEC): 01 well shut-in due wax deposition in Crude evacuation pipeline. Partially cleared the export pipeline. Flow improver injection in progress.

6.2 Crude Oil Processed including production in private sector during August, 2023, at 21.92 Million Tonnes (MT) was 8.82% **higher** than the target for the month and 12.24% **higher** than the production during the corresponding month of the previous year.

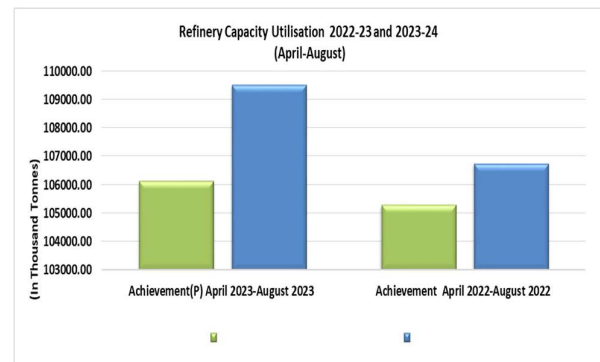


Crude Oil Processed including production in private sector during April - August, 2023 at 109.52 MT was 4.35% **higher** than the target for the period and 2.59% **higher** than the production during the corresponding period of the previous year. The growth has **decreased** to (+)2.59% compared to (+)12.28% achieved during April-August, 2022.

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



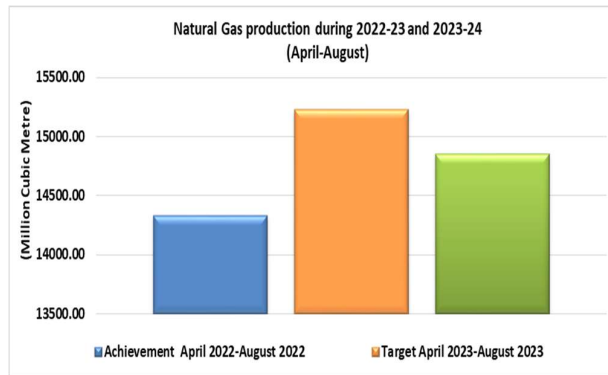
During the period, the overall capacity utilization was 103.2% i.e. 109.52 MT which was **higher** than the utilization of 101.4% i.e. 106.76 MT during April-August, 2022 as shown in below figure.



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

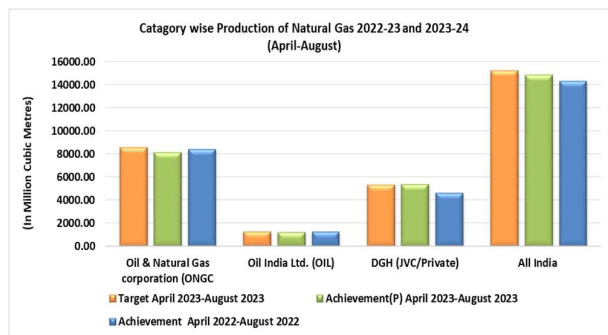
- **IOCL-Mathura Refinery:** Crude processed lower due deferment of shutdown.
- **IOCL-Digboi Refinery:** Crude processed lower due deferment of shutdown.
- **BPCL-Bina Refinery:** Refinery was under-start-up and stabilization post.
- **NRL-Numaligarh Refinery:** Crude processed lower due to leakage in fuel gas header.

6.3 Natural Gas production including production in private sector, at 3165.60 Million Cubic Meters (MCM) during August, 2023 was 2.24% **lower** than the target for the month and 9.32% **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 - August, 2023 at 14852.29 Million Cubic Metres (MCM).

The production of natural gas including production in private during April - August, 2023 was 2.47% **lower** than the target for the period and 3.63% **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.
- Consumer S/Ds and ceasure of wells in Agartala Dome, Rokhia & Sundalbari fields in Tripura Asset. 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.

- Rajahmundry Asset: Consumer issues, delay in HF in Mandapeta & Water Loading in LP wells, decrease in FTHP in HP wells & delay in PH-II development of Nagaylanka & commencement of production from Bantumilli South and monetization of Madupalli & Billakuru fields. Decline in Kesavadasupalem & Kesanapalli West field.
- Less gas offtake and consumer shut down in Cauvery Asset.
- Decline in Gandhar, Jambusar & Olpad fields in Ankleshwar Asset.
- Delay in drilling of new wells due to Environment Clearance / Forest Clearance issues, closure of wells for reservoir management & flare control, consumer issues, disputed area belt (DAB) issues in Jorhat.
- Production Decline in FG wells of Laiplingaon fields and less associated gas due to decline in oil and GOR in Assam Asset.

OIL

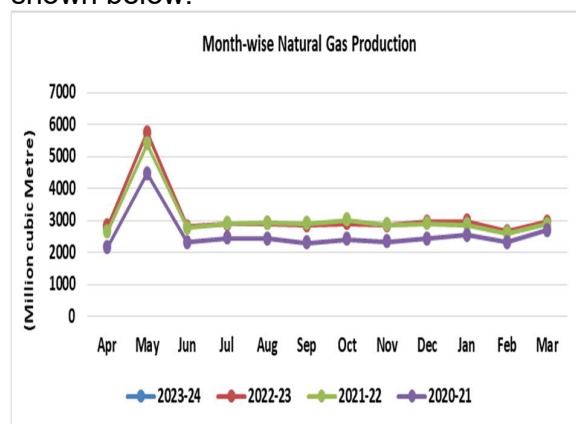
- Less than planned contribution from workover wells and drilling wells.
- Loss due to operational reasons.

Pvt/JVs

- 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.

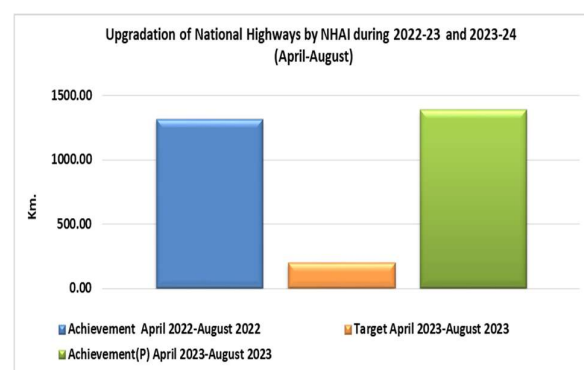
- KG-DWN-98/2 (ONGC): Wells in U-field are producing less than anticipated profile. Well U-1-B closed on 24.08.2023 for well intervention job.

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



7. ROADS

7.1 During the month of August, 2023, National Highways Authority of India (**NHAI**) (Widening to two/four/six/eight lanes and strengthening of existing weak pavement) 224.00 km of highways which was 11.44% **higher** than the target for the month and 1.17% higher than the corresponding month of the previous year. During August, 2023, State PWD and Border Road Organisation (**BRO**) widened 441.00 km of two/four/six/eight lanes, strengthened 56.70 km of existing weak pavement.



Above chart depicts that during April - August, 2023, the National Highways Authority of India (**NHAI**) have constructed/widened and strengthened 1385.00 Kilometers of National Highways to two/four/six/eight lanes which recorded a growth of 5.16% over the achievement of 1317.00 Km during April-August, 2022.

7.2 During April - August, 2023, the State PWD and Border Road Organisation (**BRO**) have widened 192.90 Kms to four/six/eight lanes and 935.4 Kms to two lanes. They have also strengthened 447.90 Km of existing weak pavements. In addition, riding quality of 745 Km has also improved.

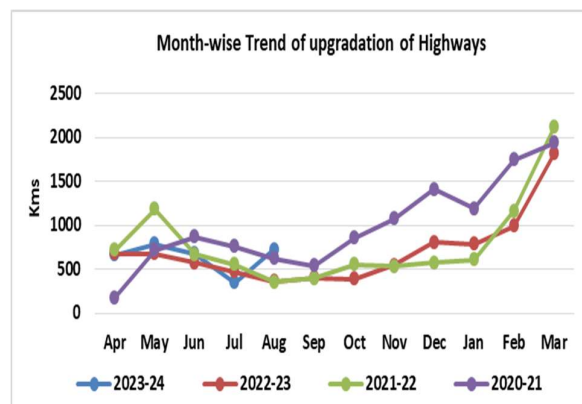
The following issues mostly lead to slow progress/shortfall in construction:

- Delay in Land acquisitions & Rehabilitations
- Delay in Clearances-Forest/WildLife/Environment
- Delay in GAD approval of ROB/RUB

- iv. Delay in Utility Shifting
- v. Contractual issues
- vi. Slow progress by Contractor
- vii. Financial issues/ Cash flow of Contractor
- viii. Force Majeure Events due to COVID 19, Heavy Rainfall/Flood etc.
- ix. Litigation issues
- x. Litigation issues

The monthly trend of upgradation/ strengthening of highways during FY 2020-21, FY 2021-22, FY 2022-23 and (April-

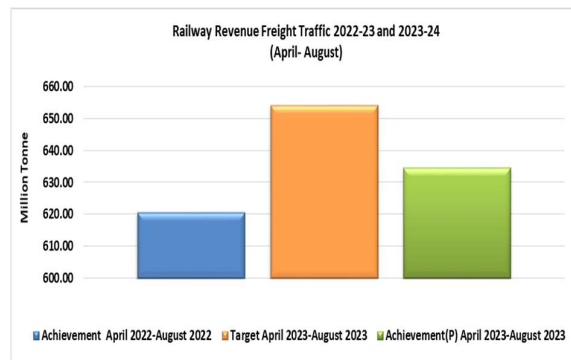
August) FY 2023-24 is given in the chart shown below:



8. RAILWAY REVENUE EARNING FREIGHT TRAFFIC

8.1 Revenue earning freight traffic carried by the railways during August, 2023 at 126.95 Million Tonnes(MT) was **same** as the target for the month and 6.39% **higher** than the corresponding month of the previous year.

During April - August, 2023, the freight traffic carried by the Railways at 634.66 MT was 3.00% **lower** than the target and 2.22% **higher** than the corresponding period of the previous year. The growth rate has **decreased** to 2.22% compared to growth of 10.33% reported during April-August, 2022 as depicted in the graph below:



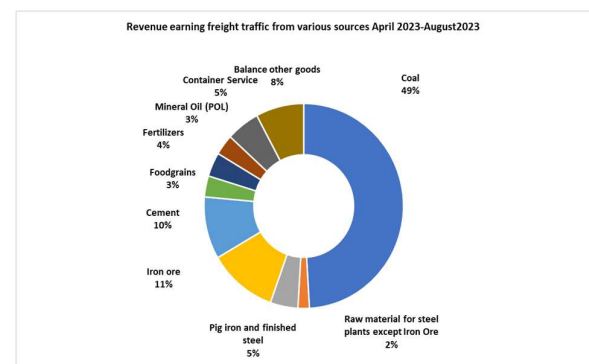
During the period, loading of all commodities except Food grains and Balance other goods recorded **Positive** growth as compared to the corresponding period of the last year.

8.2 Loading of coal by Coal India Ltd. (CIL) during August, 2023 was 273 Rakes per day, which was 8.08% **lower** than the target of 297 Rakes per day for the month and 11.43% **higher** than the loading of 245 Rakes per day during August, 2022.

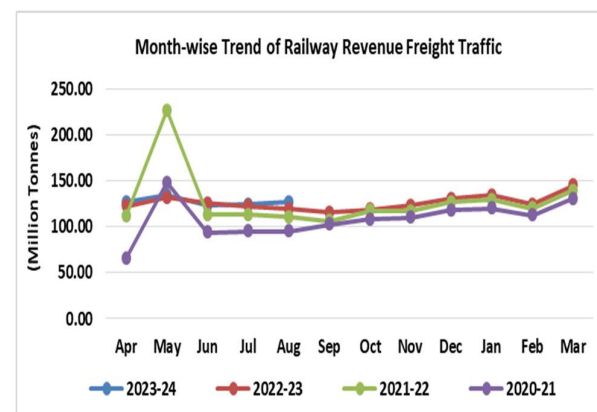
8.3 Railways carried 590.65 Million passengers traffic during the month of August, 2023 as compared to 539.90 million passengers in August, 2022.

8.4 Total earnings (Passengers + Goods + Sundries and other coaching) were Rs. 1,01,759.00 crores during April - August, 2023 against Rs. 95,487.00 crores during April - August, 2022.

8.5 Total 200.55 Track Kilometers (TKM) of Broad Gauge track has been added during August, 2023. Revenue earning freight traffic from various sources in April - August, 2023 is given in below chart



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

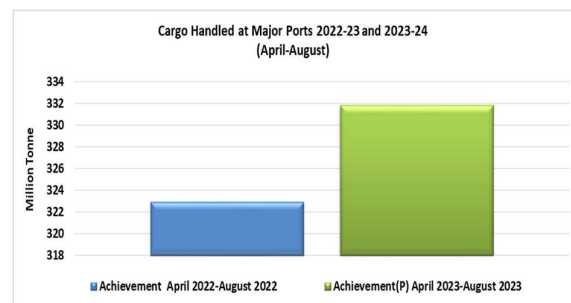


9. SHIPPING AND PORTS

9.1 As reported by Ministry of Shipping, there are 13 major ports as notified by Govt. of India, in the country which handled 65.20 Million Tonnes (MT) cargo during August, 2023 which was 4.16% **higher** than the cargo handled during the corresponding month of the previous Year. Total 13 major ports in the country handled 331.83 Million Tonnes (MT) cargo during April - August, 2023 which was 2.74% **higher** than the performance during the corresponding period of the previous year as depicted in the graph. The growth rate has **decreased** to (+)2.74% compared to (+)10.21% achieved during April-August, 2022.

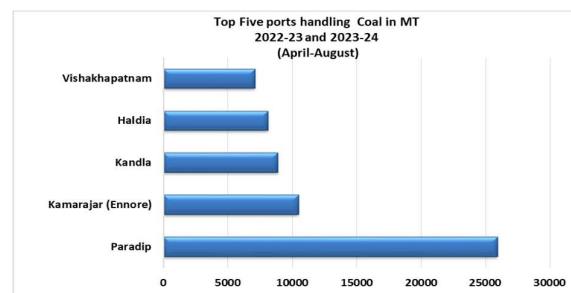
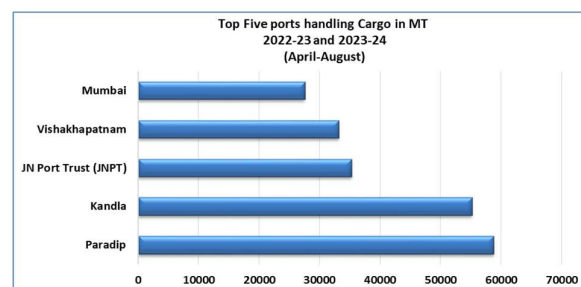
9.2 Amongst all the commodities, Container handled the maximum cargo of 75.61 million tonnes with a share of 22.8% followed by POL-Crude (21.3%), Thermal coal (13.7%), Others commodities (8.5%), POL Products (7.4%), Iron ore/Pellets (6.6%), Other coal (4.9%), Coking coal(4.8%), LPG/LNG (1.9%), Edible oil (1.6%), Iron & Steel (1.2%), FRM Dry (1.2%), Fertilizer (1.1%), Other Ores (1.1%), FRM liquid(0.8%), Cement (0.3%), Sugar (0.3%), Food grains excluding Pulses (0.2%), Pulses (0.1%) and Project Cargo (0.1%) during April-August, 2023-24.

Coal handled (thermal and coking) at all major ports during August, 2023 at 14.04 MT (21.53% of total cargo handled) was 15.30% **lower** than the coal handled during the corresponding month of the previous year. During April - August, 2023, the overall coal handled (thermal and coking) at all major ports at 77.56 MT was 2.40% **lower** than the coal handled during April-August, 2022.

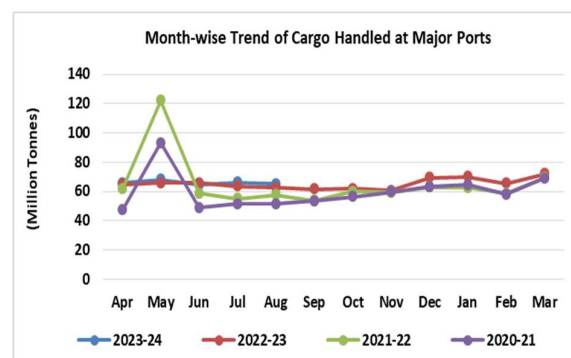


The targets for the year 2023-24 have not been provided by the reporting agency, the Indian Port Association (IPA).

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

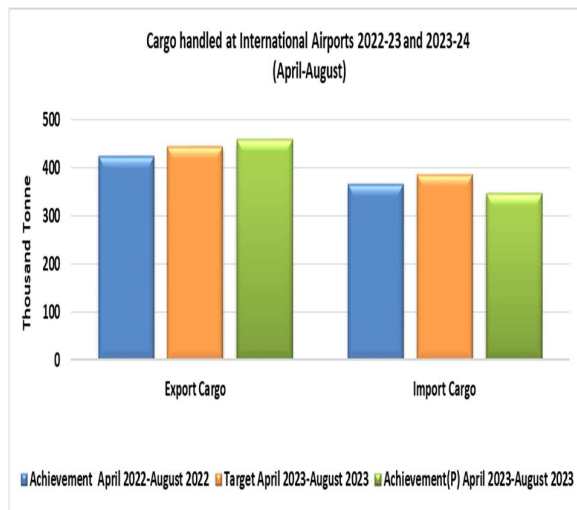


The monthly trend of cargo handled at major ports during FY 2020-21, FY 2021-22, FY 2022-23 and (April-August) FY 2023-24 is given in the chart shown below:



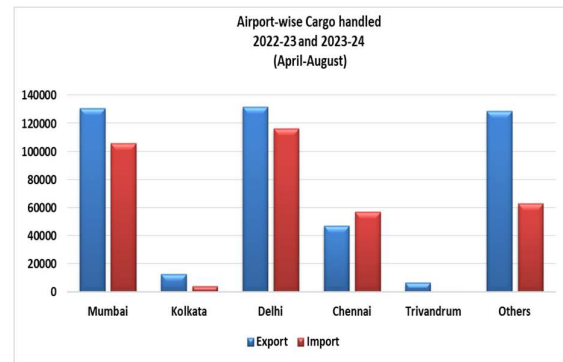
10. CIVIL AVIATION

10.1 Export and Import Cargo: Export cargo handled at the 5 major and other international terminals of airport during August, 2023 at 93,460 MT was 8.58% **higher** than the target for the month and 14.01% **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 August, 2023 at 71,560 MT was 4.85% **lower** than the target for the month and 0.09% **lower** than the cargo handled during the corresponding month of the previous year.



As depicted in the above graph, during April - August, 2023, the export cargo of 4,45,920 MT handled at the major and other international terminals of airport was 2.92% **higher** than the targets for the period and 8.06% **higher** than the export cargo handled during the corresponding period of the previous year. Further 3,86,285 MT of import cargo handled at the 5 major and other International terminals of airports was 10.11% **lower** than the targets for the period and 5.62% **lower** than the import cargo handled during the corresponding period of the previous year.

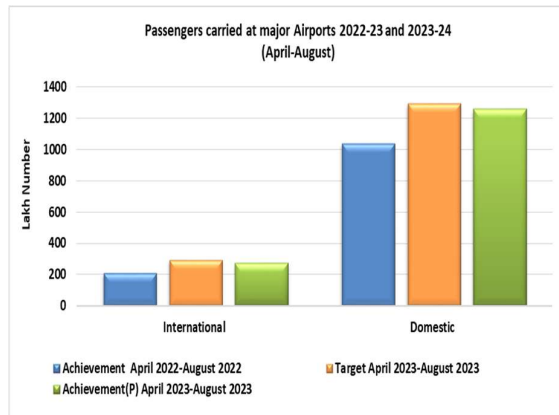
The Airport-wise Cargo handled during April - August, 2023 is depicted in below graph.



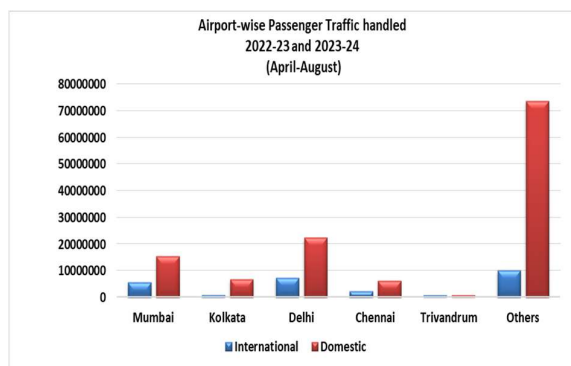
10.2 Passengers handled: As reported by Ministry of Civil Aviation, the International terminals of 5 major and other airports handled 55.77 lakh passengers during August, 2023 which was 6.06% **lower** than the target for the month and 21.55% **higher** than the passenger handled during the corresponding month of last year. The domestic terminals of 5 major and other airports (137) handled 248.28 lakh passengers during August, 2023, which were 2.48% **lower** than the target for the month and 23.56% **higher** than the passenger handled during the corresponding month of last year.

During April - August, 2023, the International terminals of 5 major and other airports handled 275.96 lakh passengers which was 7.11% **lower** than the target for the period and 29.56% **higher** than the passengers handled during the corresponding period of last year.

The domestic terminals of 5 major and other airports handled 1258.99 lakh passengers during the period which was 2.60% **lower** than the target for the period and 21.29% **higher** than the passengers handled during the corresponding period of last year.

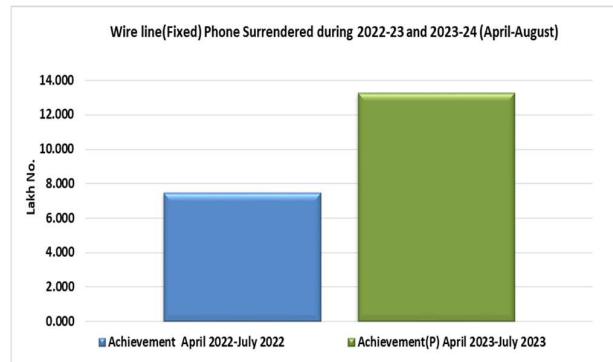


The Airport-wise Passenger Traffic handled at major airports and others are shown in below graphs.

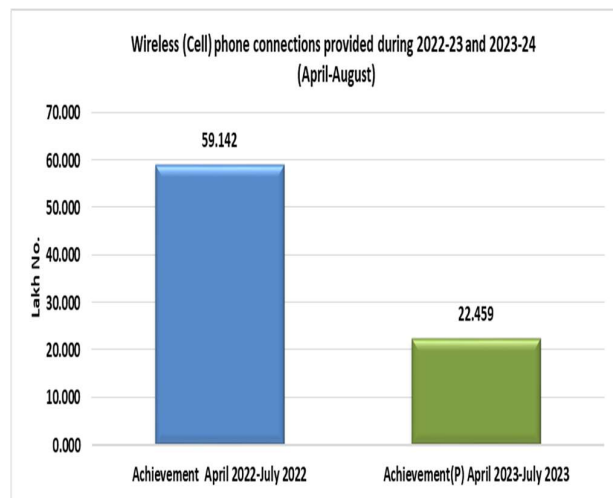


11. TELECOMMUNICATIONS

11.1 Wired line (fixed) Telephone connections: During July 2023, total 2,92,285 fixed (wire line) telephone connections were connected/provided vis-à-vis 55,573 connections during corresponding month of previous year.

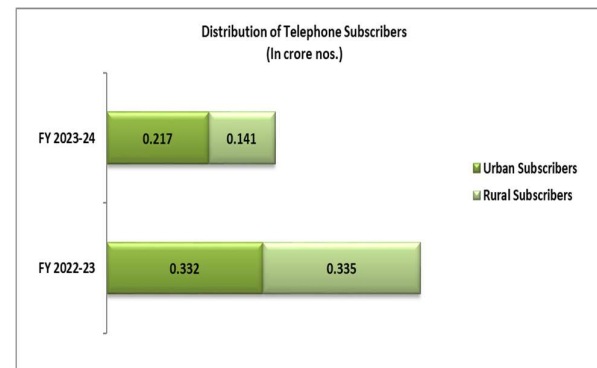
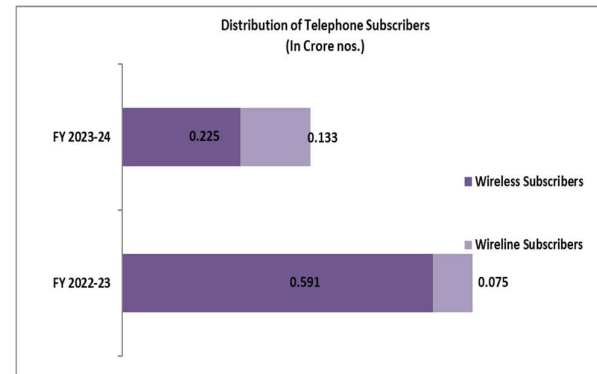


11.2 Cell phone (Mobile) connections: During the month July, 2023 26,69,606 mobile phone Connections were connected/provided vis-à-vis 6,38,860 mobile phone connections during corresponding month of previous year.

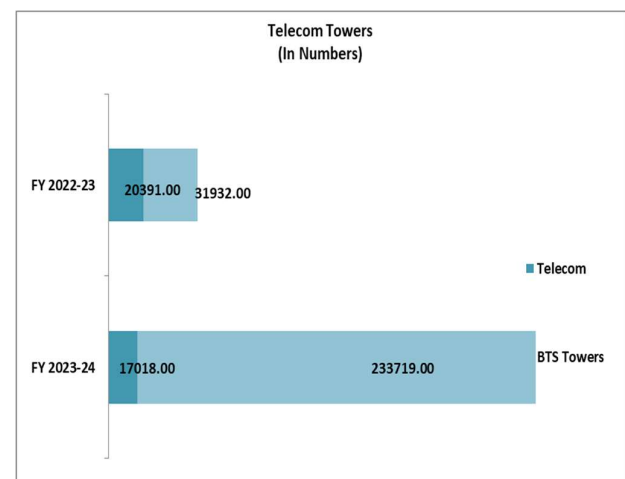


11.3 During July 2023, 29.62 lakh telephone connections (fixed + wireless) were connected/provided by both public and private sectors vis-à-vis 6.94 lakh connections (fixed + wireless) during corresponding month of previous year.

11.4 During July 2023, 29.62 lakh telephone subscribers (fixed + wireless) were connected/provided by both public and private sectors vis-à-vis 6.94 lakh connections (fixed + wireless) during corresponding month of previous year.



11.5 As of 28th August, 2023 3,38,572 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 August 2023 and April-August 2022 & April-August 2023

	Aug-23		August 2022 Actual	% Variation Over		April-August 2023		April-August 2022 Actual	% Variation Over	
	Target	Actual		August 2023 Target	August 2022 Actual	Target	Actual		April-August 2023 Target	April-August 2022 Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. Power generation (BU)										
Thermal Generation	104.556	110.066	93.230	5.27	18.06	568.451	545.550	513.203	-4.03	6.30
Nuclear Generation	4.111	4.370	3.587	6.30	21.83	18.426	18.543	18.517	0.63	0.14
Hydro Generation	21.849	21.960	23.404	0.51	-6.17	80.520	74.406	81.237	-7.59	-8.41
Import from Bhutan	0.860	1.199	1.293	39.42	-7.27	3.740	3.266	4.165	-12.67	-21.58
Total	131.376	137.595	121.514	4.73	13.23	671.137	641.765	617.122	-4.38	3.99
Renewable Energy	-	23.573	18.255	-	29.13	-	106.313	92.882	-	14.46
Total	NA	161.168	139.769	-	15.31	NA	748.078	710.004	-	5.36
2. Coal Production (MT)										
I. Coal Production (MT)										
Coal India Ltd.	50.870	52.313	46.223	2.84	13.18	282.390	281.453	253.307	-0.33	11.11
Singareni Collieries Company Limited	4.770	5.016	4.098	5.16	22.40	26.250	26.413	24.299	0.62	8.70
Others/Captive	13.500	11.047	7.770	-18.17	42.18	67.502	53.161	46.537	-21.25	14.23
Total	69.140	68.376	58.091	-1.11	17.70	376.142	361.027	324.143	-4.02	11.38
II. Lignite* (MT)										
	NA*	2.89	2.93	-	-1.37	NA	16.08	18.62	-	-13.64
Total (I + II)	NA	71.266	61.021	-	16.79	NA	377.107	342.763	-	10.02
* Target of Lignite Production is not available										
3. Production of Finished Steel ('000 Tonnes)										
I. Main Producer										
i) SAIL	1498.0	1428.0	1217.0	-4.67	17.34	7066.0	6634.0	6023.0	-6.11	10.14
ii) ESSAR	-	663.0	617.0	-	7.46	-	3052.0	2790.0	-	9.39
iii) Tata Steel (TSL)	1058.0	1734.0	1649.0	63.89	5.15	5284.0	8292.0	7916.0	56.93	4.75
iv) JSWL	-	1964.0	1708.0	-	14.99	-	9504.0	8354.0	-	13.77
v) JSPL	-	380.0	418.0	-	-9.09	-	2215.0	2109.0	-	5.03
vi) RINL (VSP)	411.0	343.0	315.0	-16.55	8.89	1794.0	1466.0	1245.0	-18.28	17.75
Total	NA	6512.0	5924.0	-	9.93	NA	31163.0	28437.0	-	9.59
II. Major (Secondary) Producer										
	-	4430.0	4030.0	-	9.93	-	24009.0	20221.0	-	18.73
Total (I + II)	NA	10942.0	9954.0	-	9.93	NA	55172.0	48658.0	-	13.39
* Targets not available										
4. Cement Production (MT)										
Large Plants	NA*	33.76	28.17	-	19.84	NA	173.01	152.85	-	13.19
Mini Plants	NA*	0.80	0.80	-	0.00	NA	4.00	4.00	-	0.00
Cement Production Total(MT)	NA	34.56	28.97	-	19.30	NA	177.01	156.85	-	12.85
*Targets not available										
5. Fertilisers Production ('000 Tonnes)										
i) Nitrogen	1497.3	1480.6	1384.5	-1.12	6.94	7150.8	6940.9	6379.2	-2.94	8.81
ii) Phosphate	546.1	387.9	418.7	-28.97	-7.36	2653.7	2180.2	1955.1	-17.84	11.51
iii) Urea	2743.79	2755.40	2501.20	0.42	10.16	13043.99	12619.60	11618.20	-3.25	8.62
Total	4787.2	4623.9	4304.4	-3.41	7.42	22848.5	21740.7	19952.5	-4.85	8.96
6. Petroleum										
i) Crude Oil Prod. (MT)*	2.551	2.488	2.435	-2.47	2.15	12.490	12.300	12.348	-1.53	-0.39
ii) Crude Oil Processed (MT)	20.148	21.924	19.534	8.82	12.24	104.961	109.526	106.756	4.35	2.59
iii) Natural Gas Prod. (MCM)	3238	3166	2896	-2.24	9.32	15229	14852	14332	-2.47	3.63
* This does not include Import value.										
7. Roads (Kms.)										
(a) NHAI										
Widening to four/six/eight lanes and strengthening of existing weak pavement (Kms.)	201.00	224.00	221.40	11.44	1.17	1942.00	1385.00	1317.00	-28.68	5.16
(b) State PWD and Border Road Organisation (BRO)										
Widening to four/six/eight lanes (Kms.)	99.00	49.60	25.26	-	96.36	1382.00	192.90	112.23	-	71.88
Widening to two lanes (Kms.)		391.40	73.65	-	431.43		935.40	584.02	-	60.17
Strengthening of existing weak pavement (Kms.)		56.70	61.10	-	-7.20		447.90	613.18	-	-26.95
Total of (b)	99.00	497.70	160.01	402.73	211.04	1382.00	1576.20	1309.43	14.05	20.37
8. Railways										
Passenger Traffic (in Million)	NA*	590.65	539.90	-	9.40	-	2860.13	2513.05	-	13.81
Gauge, Doubling & New line (in Kms)	2500.000	-	200.55	-	-	-	1022.74	1088.11	-	-6.01
Revenue earning Freight Traffic (MT)	126.95	126.95	119.33	0.00	6.39	654.27	634.66	620.90	-3.00	2.22
*Target not available										
9. Shipping										
Total Cargo handled at major ports (MT)	NA	65.201	62.595	-	4.16	NA	331.829	322.976	-	2.74
Cargo handling of major commodities at major ports										
i) Coal handled at major ports (MT)	NA	14.04	16.57	-	-15.26	NA	77.56	79.47	-	-2.40
ii) POL Crude handled at major ports (MT)	NA*	13.5	11.91	-	13.29	NA*	70.8	66.86	-	5.84
iii) Container handled at major ports (Tonnes)	NA*	16266.0	13954.00	-	16.57	NA*	75611.0	71004.00	-	6.49
* Target not available										
10. Civil Aviation										
I. Cargo handled at Airports (In Metric Tonnes)										
i) Export Cargo	86076	93460	81977	8.58	14.01	445920	458933	424683	2.92	8.06
ii) Import Cargo	75207	71560	71626	-4.85	-0.09	386285	347230	367889	-10.11	-5.62
II. Passenger Traffic Handled at (In Numbers)										
i) International Terminals	5937151	5577170	4588557	-6.06	21.55	29707841	27596472	21299967	-7.11	29.56
ii) Domestic Terminals	25459776	24828011	20093109	-2.48	23.56	129258530	125898722	103799122	-2.60	21.29
	NA*	236	218	-	8.61	NA	1182	1105	-	6.95
* Target not available										
11. Telecommunications										
(In '000 Numbers) \$	*	2961.891	694.433	-	326.52	*	3576.247	6663.771	-	-46.33
connections provided ('000 Numbers) \$	*	292.285	55.573	-	425.95	-	1330.335	749.564	-	77.48
connections provided ('000 Numbers) \$	*	2669.606	638.860	-	317.87	-	2245.912	5914.207	-	-62.03
Telephone Subscribers	0.296	0.069	-	328.99	-	0.358	0.666	-	-46.25	-
(as per connection)										
(i) Wireline (in crores)@	-	0.029	0.005	-	480.00	-	0.133	0.075	-	77.33
(ii)Wireless (in crores)@	-	0.267	0.064	-	317.19	-	0.225	0.591	-	-61.93
(as per Region)										
(i) Urban (in crores)@	-	0.268	0.117	-	129.06	-	0.217	0.332	-	-34.64
(ii) Rural (in crores)@	-	0.028	-0.047	-	-159.57	-	0.141	0.335	-	-57.91
Towers (in numbers)	-	41013.00	6352.00	-	545.67	-	250737.00	52323.00	-	379.21
(i) Telecom Towers (in numbers)	-	3432.00	3410.00	-	0.65	-	17018.00	20391.00	-	-16.54
(ii) BTSs Installed (in numbers)	-	37581.00	2942.00	-	1177.40	-	233719.00	31932.00	-	631.93
* Targets not available \$: Data upto July, 2023 @: Data upto July, 2023										
BU: Billion Unit * Targets not provided by the service providers.										
MT: Million Tonne. NA: Not available MCM: Million Cubic Metre.										

INFRASTRUCTURE SECTOR PERFORMANCE

HIGHLIGHTS

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

Sl. No.	Sector	Achievement (as per units applicable)					Percent change in achievement over corresponding period of the previous year			
		April - August 2019	April - August 2020	April - August 2021	April - August 2022	April - August 2023	April - August 2020	April - August 2021	April - August 2022	April - August 2023
1	2	4	5	6	7	8	10	11	12	13
1	Power (BU)	621.209	556.453	641.855	710.004	748.078	-10.42	15.35	10.62	5.36
2	Coal (MT)	259.711	234.622	264.302	342.763	377.107	-9.66	12.65	29.69	10.02
3	Steel (Finished Steel) (MT)	43.516	30.722	44.609	48.658	55.172	-29.40	45.20	9.08	13.39
4	Cement (MT)	138.60	98.2	141.78	156.85	177.01	-29.15	44.38	10.63	12.85
5	Fertilizers (MT)	7.387	7.6124	7.4537	19.9525	21.7407	3.06	-2.08	167.69	8.96
6	Petroleum :-									
	i) Crude Oil (MT)	13.725	12.886	12.482	12.348	12.3	-6.11	-3.14	-1.07	-0.39
	ii) Crude Oil Processed (MT)	106.313	82.459	95.079	106.756	109.526	-22.44	15.30	12.28	2.59
	iii) Natural Gas (MCM)	13437	11660	13989	14332	14852	-13.22	19.97	2.45	3.63
7	Roads #									
	Widening & Strengthening of Highways									
	i) NHAI (KM)	1323.00	881	1064.7	1317	1385	-33.41	20.85	23.70	5.16
	ii) State PWD & BRO (KM)	1910.38	2083.55	1707.89	1309.43	1576.2	9.06	-18.03	-23.33	20.37
8	Railway Revenue Earning									
	Freight Traffic (MT)	498.32	431.39	562.77	620.9	634.66	-13.43	30.46	10.33	2.22
9	Shipping & Ports									
	i) Cargo Handled at Major Ports (MT)	293.670	245.289	293.052	322.976	331.829	-16.47	19.47	10.21	2.74
	ii) Coal handled at Major Ports(MT)	63.525	45.816	62.246	79.47	77.56	-27.88	35.86	27.67	-2.40
10	Civil Aviation :-									
	i) Export Cargo handled (Tonnes)	522429	283108	441880	424683	458933	-45.81	56.08	-3.89	8.06
	ii) Import Cargo handled (Tonnes)	346369	191372	369400	367889	347230	-44.75	93.03	-0.41	-5.62
	iii) Passengers handled at International Terminals (Lakh)	282.854	16.911	44.729	213.000	275.965	-94.02	164.49	376.20	29.56
	iv) Passengers handled at Domestic Terminal (Lakh)	1139.407	140.443	437.504	1037.991	1258.987	-87.67	211.52	137.25	21.29
11	Telecommunications (July'23) :-									
	i) Addition in Switching capacity (Fixed+WLL=GSM) ('000 lines)	2157.828	\$	\$	\$	\$	-	-	-	-
	ii) New net Fixed/wired Telephone connections ('000 No.)	-731.229	693.009	2366.414	749.564	1330.335	-	-	-68.32	77.48
	iii) New net Cell phone (WLL+GSM) connections ('000 No.)	6603.901	-11924.98	6147.405	5914.207	2245.912	-	-	-3.79	-62.03
BU: Billion Units		MCM: Milloion Cubic Meter				** Telecom data is up to July 2023				
MT: Millions Tonnes		\$: Switching capacity is not provided by the service providers.								KM : Kilometre
# :		Includes Widening to four/six/eight lanes & two lanes and Strengthening of existing weak pavement only.								

	Noteworthy Performance during the period April-August 2023							
	Sector	Actual	Target	More achievement than the target for the period (Actual)	%age Increase over the target	Achievement	Increase in achievement w.r.t. the the corresponding period of the last year	Percent change in achievement over corresponding period of the previous year
		(April-August 2023)	(April-August 2023)	(April-August 2023)		(April-August 2022)	(Actual)	
1	Power Generation (BU)	748.08	-	-	-	710.00	38.07	5.36
2	Coal Production (MT)	377.11	-	-	-	342.76	34.34	10.02
3	Steel Production(MT)	55.17	-	-	-	48.66	6.51	13.39
4	Cement Production ((MT)	177.01	-	-	-	156.85	20.16	12.85
5	Fertilizer Production (MT)	21.74	-	-	-	19.95	1.79	8.96
6	Petroleum:							
	i) Crude Oil (MT)	12.300	-	-	-	-	-	-
	ii) Crude Oil Processed (MT)	109.53	104.96	4.57	4.35	106.76	2.77	2.59
	ii) Natural Gas(MCM)	14852	-	-	-	14332.00	520.00	3.63
7	Roads :							
	i) NHAI (Km)	1385.00	-	-	-	1317.00	68.00	5.16
	ii) State PWD & BRO # (Km)	1576.20	1382.00	194.20	14.05	1309.43	266.77	20.37
8	Railways (MT)	634.66	-	-	-	620.90	13.76	2.22
9	Shipping and Ports:							
	i) Cargo handled at major ports (MT)	331.83	-	-	-	322.98	8.85	2.74
	ii) Coal handled at major ports (MT)	77.56	-	-	-	79.47	-	-
10	Civil Aviation							
	i) Export cargo handled at Airports (Tonne)	458933.00	445920.00	13013.00	2.92	424683.00	34250.00	8.06
	ii) Import cargo handled at Airports (Tonne)	347230.00	-	-	-	-	-	-
	iii) Passenger Traffic handled at International Terminal (Lakh)	275.96	508.00	-	-	213.00	62.97	29.56
	iv) Passenger Traffic handled at Domestic Terminal (Lakh)	1258.99	-	-	-	1037.99	221.00	21.29
11	Telecommunication (Net new (wireline)(Fixed) Telephone connection provided ('000 numbers)(upto July'23)	1330.34	-	-	-	749.56	580.77	77.48
MCM: Million Cubic Metre		BRO: Border Road Organisation						
MT: Million Tonne		BU: Billion Unit						
# : Includes Widening to four/six/eight lanes & two lanes and Strengthening of existing weak pavement only.								

	Areas of Concern during the period April-August 2023							
	Sector	Actual	Target	Actual shortfall	Short fall in %age	Achievement	Decrease in achievement w.r.t. the the corresponding period of the last year	Percent change in achievement over corresponding period of the previous year
		(April-August 2023)	(April-August 2023)	(April-August 2023)		(April-August 2022)	(Actual)	
1	Power Generation (BU)	641.77	-	-	-	288.24	-	-
2	Coal Production (MT)	377.11	-	-	-	-	-	-
3	Steel Production(MT)	-	-	-	-	-	-	-
4	Cement Production ((MT)	-	-	-	-	-	-	-
5	Fertilizer Production (MT)	21.74	22.85	1.11	4.85	-	-	-
6	Petroleum:	12.300	12.49	0.19	1.53	12.35	0.05	0.39
	i) Crude Oil (MT)	109.53	-	-	-	65.80	-	-
	ii) Natural Gas(MCM)	14852.00	15229.00	377.00	2.47	8554.00	-	-
7	Roads :							
	i) NHAI (Km)	1385.00	1942.00	557.00	28.68	157.00	-	-
	ii) State PWD & BRO # (Km)	1576.20	-	-	-	1149.54	-	-
8	Railways (MT)	634.66	654.27	19.61	3.00	-	-	-
9	Shipping and Ports:							
	i) Cargo handled at major ports (MT)	77.56	-	-	-	79.47	1.91	2.40
	ii) Coal handled at major ports (MT)	-	-	-	-	-	-	-
10	Civil Aviation i)							
	Export cargo handled at Airports (Tonne)	458933.00	-	-	-	-	-	-
	ii) Import cargo handled at Airports (Tonne)	347230.00	386285.00	39055.00	10.11	367889.00	20659.00	5.62
	iii) Passenger Traffic handled at International Terminal (Lakh)	275.96	297.08	21.11	7.11	-	-	-
	iv) Passenger Traffic handled at Domestic Terminal (Lakh)	1258.99	1292.59	33.60	2.60	-	-	-
11	Telecommunication (Net new wireless) Telephone connection provided ('000 numbers)(upto July'23)	2245.91	-	-	-	5914.21	3668.30	62.03
MCM: Million Cubic Metre		BRO: Border Road Organisation						
MT: Million Tonne		BU: Billion Unit						
# : 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 - August 2023

(In Billion Units)

Generation	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Thermal Generation	104.556	110.066	93.230	5.27	18.06
Nuclear Generation	4.111	4.370	3.587	6.30	21.83
Hydro Generation	21.849	21.960	23.404	0.51	-6.17
Import from Bhutan	0.860	1.199	1.293	39.42	-7.27
Renewable Energy	0.000	23.573	18.255	-	29.13
Total	131.376	161.167	139.769	22.68	15.31

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

(In Billion Units)

Generation	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 2022
Thermal Generation	1324.110	568.451	545.550	513.203	-4.03	6.30
Nuclear Generation	46.190	18.426	18.543	18.517	0.63	0.14
Hydro Generation	156.700	80.520	74.406	81.237	-7.59	-8.41
Import from Bhutan	8.000	3.740	3.266	4.165	-12.67	-21.58
Renewable Energy	0.000	-	106.313	92.882	-	14.46
Total	1535.000	671.137	748.077	710.004	11.46	5.36

1.2 Thermal Generation

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

(In Billion Units)

Region	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Northern Region	25.032	26.760	24.180	6.90	10.67
Western Region	37.229	43.102	32.692	15.78	31.84
Southern Region	20.437	19.140	16.031	-6.35	19.39
Eastern Region	20.495	19.710	18.954	-3.83	3.99
North Eastern Region	1.363	1.354	1.373	-0.66	-1.38
Total	104.556	110.066	93.230	5.27	18.06

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

(In Billion Units)

Region	Annual Target 2023-2024	April-August 2023		April-August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-August 2023	Actual April-August 2022
Northern Region	300.220	131.211	120.059	123.245	-8.50	-2.59
Western Region	499.455	210.779	215.440	194.022	2.21	11.04
Southern Region	255.020	110.866	100.742	90.586	-9.13	11.21
Eastern Region	253.230	108.678	102.871	98.791	-5.34	4.13
North Eastern Region	16.185	6.917	6.438	6.558	-6.92	-1.83
Total	1324.110	568.451	545.550	513.203	-4.03	6.30

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

(In Billion Units)

Sector	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Central	42.405	40.198	37.407	-5.20	7.46
State	31.536	32.287	27.172	2.38	18.82
Private	30.615	37.580	28.651	22.75	31.16
Total	104.556	110.066	93.230	5.27	18.06

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

(In Billion Units)

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
Central	512.190	220.737	195.156	196.256	-11.59	-0.56
State	416.884	176.442	166.261	157.724	-5.77	5.41
Private	395.036	171.272	184.133	159.223	7.51	15.64
Total	1324.110	568.451	545.550	513.203	-4.03	6.30

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

(In Million Units)

Fuel	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Gas Fired	2566	3621	1967	41.11	84.09
Oil Fired	10	34	9	240.00	277.78
Multi Fuel Fired	0	0	0	-	-
Lignite Based	2794	2440	2946	-12.67	-17.18
Coal Based	99186	103972	88307	4.83	17.74
Total	104556	110066	93230	5.27	18.06

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

(In Million Units)

Fuel	Annual Target 2023-2024	April-August 2023		April-August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-August 2023	Actual April-August 2022
Gas Fired	32000	13703	14157	11471	3.31	23.42
Oil Fired	110	47	170	50	261.70	240.00
Multi Fuel Fired	0	0	0	0	-	-
Lignite Based	37000	16106	13658	16165	-15.20	-15.51
Coal Based	1255000	538595	517566	485517	-3.90	6.60
Total	1324110	568451	545550	513203	-4.03	6.30

1.3 Thermal: Plant Load Factor (PLF)

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

(Percentage)

Sector	August 2023		August 2022 Actual	April-August 2023		April-August 2022 Actual
	Target	Achievement (Provisional)		Target	Achievement (Provisional)	
Central	77.48	74.56	72.06	82.26	74.64	76.69
State	56.12	61.54	51.69	64.21	64.26	61.00
Private	54.60	66.17	51.20	61.93	65.68	57.45
All India	62.59	67.43	58.11	69.34	68.11	64.81

1.4 Nuclear Power Generation

Table - 10: Nuclear Power Generation - August 2023

(In Million Units)

Station	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
RAPS	514	622	637	21.01	-2.35
NAPS	133	277	267	108.27	3.75
KAPS	799	765	333	-4.26	129.73
TAPS	767	809	807	5.48	0.25
KGPAS	542	657	660	21.22	-0.45
MAPS	1356	1239	883	-8.63	40.32
Total	4111	4370	3587	6.30	21.83

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

(In Million Units)

Station	Annual Target 2023-2024	April-August 2023		April-August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-August 2023	Actual April-August 2022
RAPS	6141	2674	3023	3190	13.05	-5.24
NAPS	3098	1132	1458	1060	28.80	37.55
KAPS	9014	3326	2274	1607	-31.63	41.51
TAPS	8151	3079	3390	3879	10.10	-12.61
KGPAS	6256	2613	3095	3269	18.45	-5.32
MAPS	13530	5602	5304	5511	-5.32	-3.76
Total	46190	18426	18543	18517	0.63	0.14

1.5 Nuclear: Plant Load Factor (PLF)

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

(Percentage)

Station	August 2023		August 2022 Actual	April-August 2023		April-August 2022 Actual
	Target	Achievement (Provisional)		Target	Achievement (Provisional)	
All India	70.32	78.53	71.11	66.15	71.49	74.38
RAPS	63.97	70.90	72.53	67.43	69.76	73.63
NAPS	40.63	84.69	81.61	70.06	90.22	65.63
KAPS	64.73	90.18	101.69	67.51	85.57	99.45
TAPS	73.64	77.70	77.48	59.89	65.94	75.46
KGPAS	82.78	100.42	100.78	80.86	95.77	101.18
MAPS	74.70	68.24	48.65	62.52	59.20	61.51

1.6 Hydro Power Generation

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

(In Million Units)

Region	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Northern Region	11610	12170	11508	4.82	5.75
Western Region	1616	3058	3049	89.23	0.30
Southern Region	3741	2710	5101	-27.56	-46.87
Eastern Region	2963	2992	2795	0.98	7.05
North Eastern Region	1919	1029	951	-46.38	8.20
Total	21849	21960	23404	0.51	-6.17

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

(In Million Units)

Region	Annual Target 2023-2024	April-August 2023		April-August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-August 2023	Actual April-August 2022
Northern Region	77797	45322	42835	43765	-5.49	-2.12
Western Region	15491	5848	7708	8041	31.81	-4.14
Southern Region	31078	12713	10068	14859	-20.81	-32.24
Eastern Region	20178	10569	10642	10775	0.69	-1.23
North Eastern Region	12156	6068	3153	3798	-48.04	-16.98
Total	156700	80520	74406	81237	-7.59	-8.41

1.7 Renewable Energy

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

(In Million Units)

Region	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Northern Region	0	5998	4463	-	34.39
Western Region	0	7778	4661	-	66.87
Southern Region	0	9433	8761	-	7.67
Eastern Region	0	305	308	-	-0.97
North Eastern Region	0	58	62	-	-6.45
Total	0	23573	18255	-	29.13

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

(In Million Units)

Region	Annual Target 2023-2024	April-August 2023		April-August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-August 2023	Actual April-August 2022
Northern Region	0	0	29189	23822	-	22.53
Western Region	0	0	32785	27482	-	19.30
Southern Region	0	0	42597	39972	-	6.57
Eastern Region	0	0	1465	1391	-	5.32
North Eastern Region	0	0	276	215	-	28.37
Total	-	-	106312	92882	-	14.46

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

(In Million Units)

Sources	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Bagasse	0	142	201	-	-29.35
Biomass	0	257	196	-	31.12
Small Hydel	0	1239	1521	-	-18.54
Solar	0	9326	7428	-	25.55
Wind	0	12394	8695	-	42.54
Others	0	215	213	-	0.94
Total	0	23573	18255	-	29.13

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

(In Million Units)

Sources	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 2022
Bagasse	0	0	1983	2926	-	-32.23
Biomass	0	0	1420	1348	-	5.34
Small Hydel	0	0	4537	4788	-	-5.24
Solar	0	0	48464	39806	-	21.75
Wind	0	0	48768	42970	-	13.49
Others	0	0	1141	1044	-	9.29
Total	-	-	106312	92882	-	14.46

2. COAL

2.1 Coal Production

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

(In Million Tonnes)

Company	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
ECL	3.000	2.650	2.363	-11.67	12.15
BCCL	2.800	3.110	2.717	11.07	14.46
CCL	5.400	5.790	4.729	7.22	22.44
NCL	10.560	11.360	10.534	7.58	7.84
WCL	3.150	3.010	2.455	-4.44	22.61
SECL	11.460	11.810	9.455	3.05	24.91
MCL	14.490	14.580	13.964	0.62	4.41
NEC	0.010	0.003	0.006	-70.00	-50.00
CIL - Total	50.870	52.313	46.223	2.84	13.18
SCCL	4.770	5.016	4.098	5.16	22.40
Others (TISCO,IISCO,DVC)	13.500	11.047	7.770	-18.17	42.18
All India - Total	69.140	68.376	58.091	-1.11	17.70

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

(In Million Tonnes)

Company	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 2022
ECL	51.000	17.600	15.580	13.374	-11.48	16.49
BCCL	41.000	14.600	16.250	13.510	11.30	20.28
CCL	84.000	31.120	29.110	25.974	-6.46	12.07
NCL	133.000	54.120	57.430	53.826	6.12	6.70
WCL	67.000	21.630	21.820	18.371	0.88	18.77
SECL	200.000	66.000	66.640	54.281	0.97	22.77
MCL	204.000	77.280	74.585	73.906	-3.49	0.92
NEC	0.200	0.040	0.038	0.065	-5.00	-41.54
CIL - Total	780.200	282.390	281.453	253.307	-0.33	11.11
SCCL	75.000	26.250	26.413	24.299	0.62	8.70
Others (TISCO,IISCO,DVC)	162.000	67.502	53.161	46.537	-21.25	14.23
All India - Total	1017.200	376.142	361.027	324.143	-4.02	11.38

2.2 Coking Coal Production

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

(In Million Tonnes)

Company	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
ECL	0.000	0.000	0.001	-	-100.00
BCCL	0.000	2.932	2.482	-	18.13
CCL	0.000	1.311	1.190	-	10.17
WCL	0.000	0.005	0.008	-	-37.50
SECL	0.000	0.017	0.021	-	-19.05
CIL - Total	0.000	4.265	3.702	-	15.21
Others	0.000	0.510	0.449	-	13.59
All India - Total	0.000	4.775	4.151	-	15.03

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

(In Million Tonnes)

Company	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 2022
ECL	0.000	0.000	0.003	0.003	-	0.00
BCCL	0.000	0.000	15.473	12.542	-	23.37
CCL	0.000	0.000	6.602	6.424	-	2.77
WCL	0.000	0.000	0.030	0.042	-	-28.57
SECL	0.000	0.000	0.090	0.096	-	-6.25
CIL - Total	-	-	22.198	19.107	-	16.18
Others	0.000	0.000	2.654	2.272	-	16.81
All India - Total	-	-	24.852	21.379	-	16.24

2.3 Washed Coal Production

Table - 23: Washed Coal Production - August 2023

(In Million Tonnes)

Company	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
BCCL	0.000	0.057	0.032	-	78.12
CCL	0.000	0.065	0.059	-	10.17
WCL	0.000	0.000	0.000	-	-
CIL - Total	0.000	0.122	0.091	-	34.07

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

(In Million Tonnes)

Company	Annual Target 2023-2024	April-August 2023		April-August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-August 2023	Actual April-August 2022
BCCL	0.000	0.000	0.224	0.298	-	-24.83
CCL	0.000	0.000	0.361	0.201	-	79.60
WCL	0.000	0.000	0.000	0.000	-	-
CIL - Total	-	-	0.585	0.499	-	17.23

2.4 Coking Coal despatch to steel plants

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

(In Million Tonnes)

Company	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
ECL	0.000	0.000	0.000	-	-
BCCL	0.163	0.116	0.081	-28.83	43.21
CCL	0.095	0.046	0.041	-51.58	12.20
WCL	0.000	0.000	0.000	-	-
SECL	0.000	0.000	0.000	-	-
CIL - Total	0.258	0.162	0.122	-37.21	32.79
Others	0.000	0.000	0.000	-	-
All India - Total	0.258	0.162	0.122	-37.21	32.79

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

(In Million Tonnes)

Company	Annual Target 2023-2024	April-August 2023		April-August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-August 2023	Actual April-August 2022
ECL	0.000	0.000	0.000	0.000	-	-
BCCL	0.000	0.752	0.472	0.109	-37.23	333.03
CCL	0.000	0.612	0.335	0.155	-45.26	116.13
WCL	0.000	0.000	0.000	0.000	-	-
SECL	0.000	0.000	0.000	0.000	-	-
CIL - Total	-	1.364	0.807	0.264	-40.84	205.68
Others	162.000	0.000	0.000	0.000	-	-
All India - Total	NA	1.364	0.807	0.264	-40.84	205.68

2.5 Coal despatch

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

(In Million Tonnes)

Company	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
ECL	3.410	2.790	2.652	-18.18	5.20
BCCL	3.100	3.100	2.648	0.00	17.07
CCL	6.200	6.700	5.101	8.06	31.35
NCL	11.630	11.720	10.703	0.77	9.50
WCL	3.720	4.700	3.312	26.34	41.91
SECL	15.500	14.170	11.380	-8.58	24.52
MCL	17.050	15.820	15.325	-7.21	3.23
NEC	0.000	0.010	0.004	-	150.00
CIL - Total	60.610	59.010	51.125	-2.64	15.42
SCCL	4.570	5.357	4.033	17.22	32.83
Others (TISCO,IISCO,DVC)	13.500	10.695	8.048	-20.78	32.89
All India - Total	78.680	75.062	63.206	-4.60	18.76

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

(In Million Tonnes)

Company	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 2022
ECL	51.000	18.150	15.570	14.392	-14.21	8.19
BCCL	41.000	16.000	16.190	14.481	1.19	11.80
CCL	84.000	33.900	34.840	31.450	2.77	10.78
NCL	133.000	55.900	58.520	56.632	4.69	3.33
WCL	67.000	25.900	27.730	23.895	7.07	16.05
SECL	200.000	79.800	73.180	62.545	-8.30	17.00
MCL	204.000	83.800	79.660	79.594	-4.94	0.08
NEC	0.200	0.000	0.050	0.050	-	0.00
CIL - Total	780.200	313.450	305.740	283.039	-2.46	8.02
SCCL	75.000	25.750	28.073	24.659	9.02	13.84
Others (TISCO,IISCO,DVC)	162.000	67.500	58.287	47.754	-13.65	22.06
All India - Total	1017.200	406.700	392.100	355.452	-3.59	10.31

3. STEEL

3.1 Finished Steel Production

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

(In Thousand Tonnes)

Plant/Producer	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 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	0.00	0.00	0.00	-	-
SAIL - Total	1498.00	1428.00	1217.00	-4.67	17.34
ESSAR	0.00	663.00	617.00	-	7.46
Tata Steet (TSL)	1058.00	1734.00	1649.00	63.89	5.15
JSWL	0.00	1964.00	1708.00	-	14.99
JSPL	0.00	380.00	418.00	-	-9.09
RINL (VSP)	411.00	343.00	315.00	-16.55	8.89
Main Producers	2967.00	6512.00	5924.00	119.48	9.93
Mini and other producers	0.00	4430.00	4030.00	-	9.93
All India - Total	NA	10942.00	9954.00	-	9.93

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

(In Thousand Tonnes)

Plant / Producer	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 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	-	7066.00	6634.00	6023.00	-6.11	10.14
ESSAR	0.00	0.00	3052.00	2790.00	-	9.39
Tata Steet (TSL)	0.00	5284.00	8292.00	7916.00	56.93	4.75
JSWL	0.00	0.00	9504.00	8354.00	-	13.77
JSPL	0.00	0.00	2215.00	2109.00	-	5.03
RINL (VSP)	0.00	1794.00	1466.00	1245.00	-18.28	17.75
Main Producers	-	NA	31163.00	28437.00	-	9.59
Mini and other producers	0.00	0.00	24009.00	20221.00	-	18.73
All India - Total	-	NA	55172.00	48658.00	-	13.39

3.2 Capacity utilisation

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

(In Percentage)

Plant/Producer	Capacity Utilisation			
	August 2023	August 2022	April-August 2023	April-August 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	120.30	102.50	111.70	101.40
ESSAR	92.40	86.10	85.20	77.90
Tata Steet (TSL)	117.10	111.40	112.10	107.00
JSWL	95.00	82.60	92.00	80.80
JSPL	68.50	87.20	79.90	88.00
RINL (VSP)	101.00	92.50	86.40	73.30
Main Producers	-	-	-	-
Mini and other producers	64.50	63.60	69.90	63.80
All India - Total	82.80	79.00	83.50	77.20

4. CEMENT

4.1 Cement Production

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

(In Lakh Tonnes)

Product/Sector	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
A. Public Sector					
CCI	NA	*	*	-	-
Others	NA	*	*	-	-
Total - A	NA	-	-	-	-
B. Private Sector	NA	337.57	281.66	-	19.85
C. Mini & White	NA	8.00	8.00	-	0.00
All India Total (A+B+C)	NA	345.57	289.66	-	19.30

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

(In Lakh Tonnes)

Product/Sector Producer	April-August 2023		April- August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 2022
A. Public Sector					
CCI	NA	*	*	-	-
Others	NA	*	*	-	-
Total - A	NA	-	-	-	-
B. Private Sector	NA	1730.08	1528.48	-	13.19
C. Mini & White	NA	40.00	40.00	-	0.00
All India Total(A+B+C)	NA	1770.08	1568.48	-	12.85

5. FERTILIZERS

5.1 Fertilizer Production

Table - 34: Fertilizer Production - August 2023

(In Thousand Tonnes)

Product/Sector	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
A. NITROGEN					
Public Sector	295.00	267.80	287.00	-9.22	-6.69
Cooperative Sector	333.80	352.40	361.10	5.57	-2.41
Private Sector	868.50	860.40	736.40	-0.93	16.84
Total - A	1497.30	1480.60	1384.50	-1.12	6.94
B. PHOSPHATE					
Public Sector	22.90	24.50	25.30	6.99	-3.16
Cooperative Sector	142.30	133.90	156.90	-5.90	-14.66
Private Sector	380.90	229.50	236.50	-39.75	-2.96
Total - B	546.10	387.90	418.70	-28.97	-7.36
All India Total(A+B)	2043.40	1868.50	1803.20	-8.56	3.62

Table - 35: Fertilizer Production - April-August 2023

(In Thousand Tonnes)

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
A. NITROGEN						
Public Sector	-	1394.20	1285.20	1379.50	-7.82	-6.84
Cooperative Sector	-	1599.20	1599.30	1641.90	0.01	-2.59
Private Sector	-	4157.40	4056.40	3357.80	-2.43	20.81
Total - A	-	7150.80	6940.90	6379.20	-2.94	8.81
B. PHOSPHATE						
Public Sector	-	109.80	104.20	104.80	-5.10	-0.57
Cooperative Sector	-	660.00	675.80	731.80	2.39	-7.65
Private Sector	-	1883.90	1400.20	1118.50	-25.68	25.19
Total - B	-	2653.70	2180.20	1955.10	-17.84	11.51
All India Total(A+B)	-	9804.50	9121.10	8334.30	-6.97	9.44

5.2 Neem coated Urea Production

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

(In Thousand Tonnes)

Product/Sector	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Public Sector	590.86	526.00	559.60	-10.98	-6.00
Cooperative Sector	590.80	651.80	635.10	10.32	2.63
Private Sector	1562.13	1577.60	1306.50	0.99	20.75
Total	2743.79	2755.40	2501.20	0.42	10.16

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

(In Thousand Tonnes)

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
Public Sector	-	2758.64	2529.50	2731.00	-8.31	-7.38
Cooperative Sector	-	2852.08	2854.80	2873.90	0.10	-0.66
Private Sector	-	7433.26	7235.30	6013.30	-2.66	20.32
Total	-	13043.98	12619.60	11618.20	-3.25	8.62

5.3 Capacity utilisation

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

(In Percentage)

Product/Sector	Capacity Utilisation			
	August 2023	August 2022	April- August 2023	April- August 2022
A. NITROGEN				
Public Sector	105.20	112.70	100.90	108.30
Cooperative Sector	132.80	136.00	120.50	123.70
Private Sector	110.60	94.70	104.30	86.40
Total - A	114.10	106.70	107.00	98.30
B. PHOSPHATE				
Public Sector	123.60	127.60	105.10	105.70
Cooperative Sector	98.60	115.60	99.60	107.80
Private Sector	59.40	61.20	72.50	57.90
Total - B	71.60	77.30	80.50	72.20
All India	101.60	98.00	99.20	90.60

6. PETROLEUM & NATURAL GAS

6.1 Crude Oil Production

Table - 37: Production of Crude Oil - August 2023

(In Thousand Tonnes)

Name of the Unit	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
A. Oil & Natural Gas corporation (ONGC)					
Gujarat	393.32	380.60	375.82	-3.23	1.27
Assam	91.81	86.78	82.69	-5.48	4.95
Tamil Nadu	19.54	19.25	21.91	-1.48	-12.14
Offshore	1113.81	1109.95	1128.99	-0.35	-1.69
Andhra Pradesh	15.64	14.81	15.95	-5.31	-7.15
Tripura	0.16	0.15	0.21	-6.25	-28.57
Total - A	1634.28	1611.55	1625.57	-1.39	-0.86
B. Oil India Ltd. (OIL)					
Assam	276.63	276.93	260.02	0.11	6.50
Arunachal Pradesh	2.49	2.33	1.86	-6.43	25.27
Rajasthan(Heavy Oil)	3.33	1.92	1.08	-42.34	77.78
Total - B	282.45	281.19	262.96	-0.45	6.93
C. DGH (JVC/Private)	633.95	594.98	546.94	-6.15	8.78
All India Total (A+B)	2550.68	2487.72	2435.47	-2.47	2.15

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

(In Thousand Tonnes)						
Name of the Unit	Annual Target 2023-2024	April-August 2023		April-August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-August 2023	Actual April-August 2022
A. Oil & Natural Gas corporation (ONGC)						
Gujarat	4656.00	1926.30	1876.75	1884.57	-2.57	-0.41
Assam	1091.00	449.51	433.51	413.71	-3.56	4.79
Tamil Nadu	228.00	100.50	88.85	110.76	-11.59	-19.78
Offshore	13064.00	5560.78	5600.45	5740.97	0.71	-2.45
Andhra Pradesh	187.00	78.92	77.83	80.74	-1.38	-3.60
Tripura	2.00	0.83	0.86	1.02	3.61	-15.69
Total - A	19228.00	8116.84	8078.25	8231.77	-0.48	-1.86
B. Oil India Ltd. (OIL)						
Assam	3301.00	1364.67	1354.08	1286.60	-0.78	5.24
Arunachal Pradesh	30.00	12.51	13.07	9.17	4.48	42.53
Rajasthan(Heavy Oil)	40.00	13.84	7.98	4.74	-42.34	68.35
Total - B	3371.00	1391.02	1375.13	1300.51	-1.14	5.74
C. DGH (JVC/Private)	7404.07	2982.49	2846.37	2815.56	-4.56	1.09
All India Total (A+B+C)	30003.07	12490.35	12299.75	12347.84	-1.53	-0.39

6.2 Crude Oil Processed

Table - 39: Crude Oil Processed - August 2023

(In Thousand Tonnes)

Name of the Unit	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
BORL(Bina)	665.00	485.24	412.22	-27.03	17.71
BPCL, Kochi	1140.00	1345.90	1377.33	18.06	-2.28
BPCL, Mumbai	1300.00	1386.54	1246.63	6.66	11.22
CPCL, Manali	533.61	1000.38	940.44	87.47	6.37
CPCL, Narimanam (CBR)	0.00	0.00	0.00	-	-
EOL, Vadinar	1750.80	1727.11	1750.80	-1.35	-1.35
HMEL, GGSRR, Bhatinda	1001.66	1106.15	1019.70	10.43	8.48
HPCL, Mumbai	781.82	785.24	766.90	0.44	2.39
HPCL, Vishakhapatnam	931.73	1104.99	555.78	18.60	98.82
IOC, Barauni	553.18	590.77	590.38	6.80	0.07
IOC, Bongaigaon	251.00	254.94	248.88	1.57	2.43
IOC, Digboi	62.00	19.81	61.16	-68.05	-67.61
IOC, Gujarat(Koyali)	1190.00	1262.85	1277.89	6.12	-1.18
IOC, Guwahati	92.49	94.25	91.19	1.90	3.36
IOC, Haldia	175.16	689.55	708.57	293.67	-2.68
IOC, Mathura	736.00	680.98	649.60	-7.48	4.83
IOC, Panipat	1351.31	1230.31	1207.09	-8.95	1.92
IOC, Paradip	1323.93	1429.01	2.10	7.94	67948.10
MRPL, Mangalore	850.00	990.47	1182.21	16.53	-16.22
NRL, Numaligarh	276.00	256.76	264.33	-6.97	-2.86
ONGC, Tatipaka	5.53	5.03	3.93	-9.04	27.99
RIL, Jamnagar	3029.94	2939.45	3029.94	-2.99	-2.99
RIL, SEZ	2146.64	2538.72	2146.64	18.26	18.26
All India Total	20147.80	21924.45	19533.71	8.82	12.24

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

(In Thousand Tonnes)

Name of the Unit	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 2022
BORL(Bina)	7000.00	2425.00	2367.12	3008.79	-2.39	-21.33
BPCL, Kochi	15800.00	6495.00	7051.90	6910.79	8.57	2.04
BPCL, Mumbai	14500.00	6300.00	6713.11	5376.00	6.56	24.87
CPCL, Manali	10200.00	4193.61	4717.92	4797.75	12.50	-1.66
CPCL, Narimanam (CBR)	-	0.00	0.00	0.00	-	-
EOL, Vadinar	18692.45	8550.91	8441.96	8550.91	-1.27	-1.27
HMEL, GGSRR, Bhatinda	11451.69	4949.05	5444.80	5358.71	10.02	1.61
HPCL, Mumbai	9002.38	3924.91	4115.89	4070.62	4.87	1.11
HPCL, Vishakhapatnam	12003.24	4550.55	5174.34	3621.93	13.71	42.86
IOC, Barauni	6630.00	2730.20	2768.33	2843.56	1.40	-2.65
IOC, Bongaigaon	2750.03	1236.00	1250.26	1037.12	1.15	20.55
IOC, Digboi	690.00	274.00	254.31	305.24	-7.19	-16.69
IOC, Gujarat(Koyali)	14440.01	5452.40	6320.87	6573.51	15.93	-3.84
IOC, Guwahati	1000.14	456.68	471.73	460.15	3.30	2.52
IOC, Haldia	7619.98	2921.71	3484.79	3528.18	19.27	-1.23
IOC, Mathura	9200.30	3554.27	3595.58	3850.04	1.16	-6.61
IOC, Panipat	14320.00	6272.22	6242.91	6040.34	-0.47	3.35
IOC, Paradip	15300.00	6357.27	6629.35	5302.40	4.28	25.03
MRPL, Mangalore	15900.00	6550.00	6844.52	6935.71	4.50	-1.31
NRL, Numaligarh	2800.00	899.00	571.46	1312.02	-36.43	-56.44
ONGC, Tatipaka	63.04	24.94	29.37	28.76	17.76	2.12
RIL, Jamnagar	34433.47	15074.90	14398.13	15074.90	-4.49	-4.49
RIL, SEZ	27871.76	11768.12	12636.90	11768.12	7.38	7.38
All India Total	251668.49	104960.74	109525.55	106755.55	4.35	2.59

6.3 Refinery Capacity Utilisation

Table - 41: Refinery Capacity Utilisation - August 2023

(In Thousand Tonnes)

Name of the Unit	August 2023			August 2022		
	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity
BORL(Bina)	661.00	485.24	73.4	662.00	412.22	62.3
BPCL, Kochi	1313.00	1345.90	102.5	1316.00	1377.33	104.7
BPCL, Mumbai	1016.00	1386.54	136.5	1019.00	1246.63	122.3
CPCL, Manali	889.00	1000.38	112.5	892.00	940.44	105.4
CPCL, Narimanam (CBR)	0.00	0.00	-	0.00	0.00	-
EOL, Vadinar	1694.00	1727.11	102.0	1699.00	1750.80	103.1
HMEL, GGSR, Bhatinda	957.00	1106.15	115.6	960.00	1019.70	106.2
HPCL, Mumbai	805.00	785.24	97.6	807.00	766.90	95.0
HPCL, Vishakhapatnam	932.00	1104.99	118.6	705.00	555.78	78.8
IOC, Barauni	508.00	590.77	116.3	510.00	590.38	115.8
IOC, Bongaigaon	229.00	254.94	111.3	229.00	248.88	108.7
IOC, Digboi	55.00	19.81	36.0	55.00	61.16	111.2
IOC, Gujarat(Koyali)	1160.00	1262.85	108.9	1164.00	1277.89	109.8
IOC, Guwahati	85.00	94.25	110.9	85.00	91.19	107.3
IOC, Haldia	678.00	689.55	101.7	679.00	708.57	104.4
IOC, Mathura	678.00	680.98	100.4	679.00	649.60	95.7
IOC, Panipat	1270.00	1230.31	96.9	1274.00	1207.09	94.8
IOC, Paradip	1270.00	1429.01	112.5	1274.00	2.10	0.2
MRPL, Mangalore	1270.00	990.47	78.0	1274.00	1182.21	92.8
NRL, Numaligarh	254.00	256.76	101.1	255.00	264.33	103.7
ONGC, Tatipaka	6.00	5.03	83.8	6.00	3.93	65.5
RIL, Jamnagar	2795.00	2939.45	105.2	2803.00	3029.94	108.1
RIL, SEZ	2981.00	2538.72	85.2	2990.00	2146.64	71.8
All India Total	21506.00	21924.45	102.0	21337.00	19533.71	91.6

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

(In Thousand Tonnes)

Name of the Unit	April-August 2023			April-August 2022		
	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude Throughput	% Utilisation of Installed Capacity
BORL(Bina)	3261.00	2367.12	72.6	3270.00	3008.79	92.0
BPCL, Kochi	6480.00	7051.90	108.8	6497.00	6910.79	106.4
BPCL, Mumbai	5016.00	6713.11	133.8	5030.00	5376.00	106.9
CPCL, Manali	4389.00	4717.92	107.5	4401.00	4797.75	109.0
CPCL, Narimanam (CBR)	0.00	0.00	-	0.00	0.00	-
EOL, Vadinar	8361.00	8441.96	101.0	8384.00	8550.91	102.0
HMEL, GGSR, Bhatinda	4724.00	5444.80	115.3	4737.00	5358.71	113.1
HPCL, Mumbai	3971.00	4115.89	103.7	3982.00	4070.62	102.2
HPCL, Vishakhapatnam	4598.00	5174.34	112.5	3479.00	3621.93	104.1
IOC, Barauni	2508.00	2768.33	110.4	2515.00	2843.56	113.1
IOC, Bongaigaon	1129.00	1250.26	110.7	1132.00	1037.12	91.6
IOC, Digboi	272.00	254.31	93.5	272.00	305.24	112.2
IOC, Gujarat(Koyali)	5727.00	6320.87	110.4	5743.00	6573.51	114.5
IOC, Guwahati	418.00	471.73	112.9	419.00	460.15	109.8
IOC, Haldia	3344.00	3484.79	104.2	3353.00	3528.18	105.2
IOC, Mathura	3344.00	3595.58	107.5	3353.00	3850.04	114.8
IOC, Panipat	6270.00	6242.91	99.6	6288.00	6040.34	96.1
IOC, Paradip	6270.00	6629.35	105.7	6288.00	5302.40	84.3
MRPL, Mangalore	6270.00	6844.52	109.2	6288.00	6935.71	110.3
NRL, Numaligarh	1254.00	571.46	45.6	1258.00	1312.02	104.3
ONGC, Tatipaka	28.00	29.37	104.9	28.00	28.76	102.7
RIL, Jamnagar	13795.00	14398.13	104.4	13833.00	15074.90	109.0
RIL, SEZ	14715.00	12636.90	85.9	14755.00	11768.12	79.8
All India Total	106144.00	109525.55	103.2	105305.00	106755.55	101.4

6.4 Natural Gas Production

Table - 43: Production of Natural Gas - August 2023

(In Million Cubic Metres)					
Area/State	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		August 2023 Target	August 2022 Actual
A. Oil & Natural Gas corporation (ONGC)					
Gujarat	68.87	64.60	71.33	-6.20	-9.44
Assam	39.86	27.46	31.13	-31.11	-11.79
Tamil Nadu	94.79	91.58	95.24	-3.39	-3.84
Offshore	1302.64	1273.72	1262.99	-2.22	0.85
Andhra Pradesh	71.16	55.96	56.54	-21.36	-1.03
Tripura	135.18	137.07	144.33	1.40	-5.03
Rajasthan	4.65	0.00	0.00	-100.00	-
Total - A	1717.15	1650.39	1661.56	-3.89	-0.67
B. Oil India Ltd. (OIL)					
Rajasthan	20.33	9.73	16.20	-52.14	-39.94
Assam	249.55	252.65	244.86	1.24	3.18
Arunachal Pradesh	3.72	2.73	4.24	-26.61	-35.61
Total - B	273.60	265.11	265.30	-3.10	-0.07
C. DGH (JVC/Private)	1247.47	1250.10	968.91	0.21	29.02
All India Total (A+B+C)	3238.22	3165.60	2895.77	-2.24	9.32

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

(In Million Cubic Metres)						
Area/State	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 2022
A. Oil & Natural Gas corporation (ONGC)						
Gujarat	812.17	344.86	333.70	364.10	-3.24	-8.35
Assam	471.00	195.76	142.01	151.78	-27.46	-6.44
Tamil Nadu	1104.71	465.17	455.79	477.83	-2.02	-4.61
Offshore	15551.22	6549.86	6307.50	6453.64	-3.70	-2.26
Andhra Pradesh	957.16	341.45	274.79	305.22	-19.52	-9.97
Tripura	1608.04	677.97	658.95	658.43	-2.81	0.08
Rajasthan	54.75	22.95	0.00	0.00	-100.00	-
Total - A	20559.05	8598.02	8172.74	8411.00	-4.95	-2.83
B. Oil India Ltd. (OIL)						
Rajasthan	240.00	100.33	72.51	74.93	-27.73	-3.23
Assam	2865.42	1173.54	1170.31	1171.97	-0.28	-0.14
Arunachal Pradesh	49.57	18.36	17.99	23.72	-2.02	-24.16
Total - B	3154.99	1292.23	1260.81	1270.62	-2.43	-0.77
C. DGH (JVC/Private)	14466.50	5338.39	5418.74	4650.20	1.51	16.53
All India Total (A+B+C)	38180.54	15228.64	14852.29	14331.82	-2.47	3.63

7. ROADS

7.1 UPGRADATION OF NATIONAL HIGHWAYS

Table - 45: Performance of NHAI during - August 2023

Financial (Rs. in Crore)	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Total Expenditure	0.00	0.00	0.00	-	-
Physical					
Widening/ Strengthening/ existing weak pavement to four/six/eight lanes (Kms.)	201.00	224.00	221.40	11.44	1.17
Construction of Bridges (Nos.)	0	0	0	-	-
Construction of bypass (Nos.)	0	0	0	-	-

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

Financial (Rs. in Crore)	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 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	201.00	1385.00	1317.00	589.05	5.16
Construction of Bridges (Nos.)		0	0	0	-	-
Construction of bypass (Nos.)		0	0	0	-	-

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

Financial (Rs. in Crore)	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target	Actual August 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.)	99.00	49.60	25.26	-	96.36
Widening to two lanes (Kms.)		391.40	73.65	-	431.43
Strengthening of existing weak pavement (Kms.)		56.70	61.10	-	-7.20
Improvement of riding quality prog.(IRQP) (Kms.)	230.00	232.00	19.53	0.87	1087.92
Rehabilitation/ Construction of Bridges (Nos.)	0	0	2	-	-100.00
Construction of bypasses (Nos.)	0	0	0	-	-
Construction of Missing Links (Kms.)	0.00	0.00	0.00	-	-100.00

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

Financial (Rs. in Crores)	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 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.)	0.00	1382.00	192.90	112.23	-	71.88
Widening to two lanes (Kms.)	0.00		935.40	584.02	-	60.17
Strengthening of existing weak pavement (Kms.)	0.00		447.90	613.18	-	-26.95
Improvement of riding quality prog.(IRQP) (Kms.)	0.00	750.00	745.00	448.90	223.91	65.96
Rehabilitation/ Construction of Bridges (Nos.)	0	0	0	2	-	-
Construction of bypasses (Nos.)	0	0	0	0.25	-	-
Construction of Missing Links (Kms.)	0.00	0.00	0.00	3.68	-	-

8. RAILWAYS

8.1 Revenue earning freight traffic

Table - 49: Revenue earning freight traffic - August 2023

(In Million Tonnes)

Commodity	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Coal	61.52	60.97	57.53	-0.89	5.98
Raw material for steel plants except Iron Ore	2.67	2.35	2.46	-11.99	-4.47
Pig iron and finished steel	6.51	5.92	5.77	-9.06	2.60
Iron ore	13.88	14.49	12.43	4.39	16.57
Cement	11.89	11.97	10.84	0.67	10.42
Foodgrains	4.11	3.99	5.49	-2.92	-27.32
Fertilizers	4.74	5.15	4.88	8.65	5.53
Mineral Oil (POL)	4.02	4.08	3.88	1.49	5.15
Container Service	7.28	7.65	6.61	5.08	15.73
Balance other goods	10.33	10.38	9.44	0.48	9.96
Total	126.95	126.95	119.33	0.00	6.39

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

(In Million Tonnes)

Commodity	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 2022
Coal	775.82	324.06	311.52	305.39	-3.87	2.01
Raw material for steel plants except Iron Ore	30.50	12.33	11.78	11.43	-4.46	3.06
Pig iron and finished steel	75.00	29.66	28.43	26.17	-4.15	8.64
Iron ore	177.00	66.92	70.85	61.31	5.87	15.56
Cement	160.00	64.58	62.46	59.44	-3.28	5.08
Foodgrains	52.00	22.08	21.11	30.91	-4.39	-31.70
Fertilizers	55.40	22.10	24.14	22.26	9.23	8.45
Mineral Oil (POL)	50.68	20.64	20.60	19.92	-0.19	3.41
Container Service	87.22	35.74	34.31	32.61	-4.00	5.21
Balance other goods	139.38	56.16	49.46	51.46	-11.93	-3.89
Total	1603.00	654.27	634.66	620.90	-3.00	2.22

9. SHIPPING & PORTS

9.1 Cargo handled at Major Ports

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

(In Thousand Tonnes)

Name of the port	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Kolkata	NA	1637	1352	-	21.08
Haldia	NA	4046	4153	-	-2.58
Paradip	NA	11059	10028	-	10.28
Vishakhapatnam	NA	6529	6239	-	4.65
Chennai	NA	4648	4235	-	9.75
V.O.Chidambaranar (T	NA	3167	3166	-	0.03
Cochin	NA	2947	2841	-	3.73
New Mangalore	NA	2702	2908	-	-7.08
Mormugao	NA	1288	1167	-	10.37
JN Port Trust (JNPT)	NA	7337	6394	-	14.75
Mumbai	NA	5764	4601	-	25.28
Kandla	NA	10443	12101	-	-13.70
Kamarajar (Ennore)	NA	3634	3410	-	6.57
Total	NA	65201	62595	-	4.16

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

(In Thousand Tonnes)

Name of the port	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 2022
Kolkata	NA	NA	6993	6786	-	3.05
Haldia	NA	NA	19347	18818	-	2.81
Paradip	NA	NA	58758	54380	-	8.05
Vishakhapatnam	NA	NA	33141	32320	-	2.54
Chennai	NA	NA	20926	20008	-	4.59
V.O.Chidambaranar (T	NA	NA	16405	16244	-	0.99
Cochin	NA	NA	14469	14432	-	0.26
New Mangalore	NA	NA	17377	16351	-	6.27
Mormugao	NA	NA	7407	7066	-	4.83
JN Port Trust (JNPT)	NA	NA	35249	33705	-	4.58
Mumbai	NA	NA	27546	24967	-	10.33
Kandla	NA	NA	55162	58621	-	-5.90
Kamarajar (Ennore)	NA	NA	19049	19278	-	-1.19
Total	NA	NA	331829	322976	-	2.74

9.2 Coal handled at major ports

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

(In Thousand Tonnes)

Name of the port	August 2023		August 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target August 2023	Actual August 2022
Kolkata	NA	290	205	-	41.46
Haldia	NA	1608	2027	-	-20.67
Paradip	NA	4282	5642	-	-24.10
Vishakhapatnam	NA	1331	1941	-	-31.43
Chennai	NA	0	0	-	-
V.O.Chidambaranar (T	NA	1319	1099	-	20.02
Cochin	NA	0	0	-	-
New Mangalore	NA	295	401	-	-26.43
Mormugao	NA	917	867	-	5.77
JN Port Trust (JNPT)	NA	0	0	-	-
Mumbai	NA	637	432	-	47.45
Kandla	NA	1551	2206	-	-29.69
Kamarajar (Ennore)	NA	1811	1749	-	3.54
Total	NA	14041	16569	-	-15.30

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

(In Thousand Tonnes)

Name of the port	Annual Target 2023-2024	April-August 2023		April- August 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April- August 2023	Actual April- August 2022
Kolkata	NA	NA	778	725	-	7.31
Haldia	NA	NA	8122	7820	-	3.86
Paradip	NA	NA	25924	26422	-	-1.88
Vishakhapatnam	NA	NA	7089	9441	-	-24.91
Chennai	NA	NA	0	0	-	-
V.O.Chidambaranar (T	NA	NA	6726	6280	-	7.10
Cochin	NA	NA	0	0	-	-
New Mangalore	NA	NA	2270	2228	-	1.89
Mormugao	NA	NA	4228	4334	-	-2.45
JN Port Trust (JNPT)	NA	NA	0	0	-	-
Mumbai	NA	NA	3072	2851	-	7.75
Kandla	NA	NA	8883	8847	-	0.41
Kamarajar (Ennore)	NA	NA	10467	10522	-	-0.52
Total	NA	NA	77559	79470	-	-2.40

10. CIVIL AVIATION

10.1 Cargo handled at Airports

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

(In Metric Tonnes)

Airports/ Type		August 2023		Cargo handled during August 2022	% Variation Over	
		Target	Cargo handled		Target August 2023	Actual August 2022
Mumbai	Export	24249	25226	21063	4.03	19.76
	Import	24734	20726	21485	-16.20	-3.53
Kolkata	Export	2945	3123	2805	6.04	11.34
	Import	1179	839	1123	-28.84	-25.29
Delhi	Export	21955	27213	21626	23.95	25.83
	Import	24148	26349	23786	9.11	10.78
Chennai	Export	10710	9481	10200	-11.48	-7.05
	Import	12133	10987	11555	-9.45	-4.92
Trivandrum	Export	2163	1516	1467	-29.91	3.34
	Import	15	11	10	-26.67	10.00
Others	Export	24054	26901	24816	11.84	8.40
	Import	12998	12648	13667	-2.69	-7.46
Total	Export	86076	93460	81977	8.58	14.01
	Import	75207	71560	71626	-4.85	-0.09

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

(In Metric Tonnes)

Airports/ Type		Annual Target 2023-2024	April-August 2023		Cargo handled during April-August 2022	% Variation Over	
			Target	Cargo handled		Target April-August 2023	Actual April-August 2022
Mumbai	Export	325801	133884	130770	116294	-2.33	12.45
	Import	296028	128489	105804	111609	-17.66	-5.20
Kolkata	Export	34511	12927	12989	12310	0.48	5.52
	Import	11169	5177	4210	4931	-18.68	-14.62
Delhi	Export	289735	120182	131919	118382	9.77	11.44
	Import	269116	116314	116681	114571	0.32	1.84
Chennai	Export	120639	50840	47427	48419	-6.71	-2.05
	Import	150256	68644	57349	65375	-16.45	-12.28
Trivandrum	Export	21770	9137	6924	6197	-24.22	11.73
	Import	230	96	64	64	-33.33	0.00
Others	Export	284754	118950	128904	123081	8.37	4.73
	Import	153761	67565	63122	71339	-6.58	-11.52
Total	Export	1077210	445920	458933	424683	2.92	8.06
	Import	880560	386285	347230	367889	-10.11	-5.62

10.2 Passenger Traffic handled at Airports

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

(In Numbers)

Airports/ Terminal		August 2023		PAX Traffic during August 2022	% Variation Over	
		Target	PAX Traffic		Target August 2023	Actual August 2022
Mumbai	International	1186630	1128013	853427	-4.94	32.17
	Domestic	3077454	3201736	2446573	4.04	30.87
Kolkata	International	208612	189835	161695	-9.00	17.40
	Domestic	1488088	1347854	1168008	-9.42	15.40
Delhi	International	1310729	1509599	1235120	15.17	22.22
	Domestic	4187223	4429389	3772891	5.78	17.40
Chennai	International	550581	494796	413486	-10.13	19.66
	Domestic	1409053	1258319	1055237	-10.70	19.25
Trivandrum	International	181415	181639	168327	0.12	7.91
	Domestic	161060	190839	127727	18.49	49.41
Others	International	2499184	2073288	1756502	-17.04	18.04
	Domestic	15136898	14399874	11522673	-4.87	24.97
Total	International	5937151	5577170	4588557	-6.06	21.55
	Domestic	25459776	24828011	20093109	-2.48	23.56
Total (International+Domestic)		31396927	30405181	24681666	-3.16	23.19

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

(In Numbers)

Airports/ Terminal		Annual Target 2023-2024	April-August 2023		PAX Traffic during April- August 2022	% Variation Over	
			Target	PAX Traffic		Target April- August 2023	Actual April- August 2022
Mumbai	International	14740000	5933450	5588497	3883835	-5.81	43.89
	Domestic	35900000	15573441	15476603	12190722	-0.62	26.95
Kolkata	International	2653991	1045285	1011933	705310	-3.19	43.47
	Domestic	18963532	7754118	6886112	6273009	-11.19	9.77
Delhi	International	16207715	6539151	7421826	5714735	13.50	29.87
	Domestic	49393450	21228956	22467900	19491340	5.84	15.27
Chennai	International	6327653	2709370	2462268	1869018	-9.12	31.74
	Domestic	17140010	7166769	6369799	5306522	-11.12	20.04
Trivandrum	International	1970000	838672	865601	752246	3.21	15.07
	Domestic	2040000	790805	898537	640497	13.62	40.29
Others	International	30980642	12641913	10246347	8374823	-18.95	22.35
	Domestic	190153008	76744441	73799771	59897032	-3.84	23.21
Total	International	72880001	29707841	27596472	21299967	-7.11	29.56
	Domestic	313590000	129258530	125898722	103799122	-2.60	21.29
Total (International+Domestic)		386470001	158966371	153495194	125099089	-3.44	22.70

11. TELECOMMUNICATIONS

Table - 59: Performance of Telecommunication Sector - July 2023

Name of the Product/Sector	Jul-23		July 2022 Actual	% Variation Over	
	Target	Achievement (Provisional)		Target July 2023	Actual July 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	*	-51633	-71458	-	-
b) Private Sector	*	343918	127031	-	170.74
Total	*	292285	55573	-	425.95
Provision of net new Wireless (Mobile) connections (WLL+GSM) (in Numbers)					
a) Public Sector	*	-1433213	-1281013	-	-
b) Private Sector	*	4102819	1919873	-	113.70
Total	*	2669606	638860	-	317.87

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

Name of the Product/Sector	Annual Target 2023-2024	April-July 2023		April-July 2022 Actual	% Variation Over	
		Target	Achievement (Provisional)		Target April-July 2023	Actual April-July 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	*	*	-926918	-441715	-	-
b) Private Sector	*	*	2257253	1191279	-	89.48
Total	*	*	1330335	749564	-	77.48
Provision of net new Wireless (Mobile) connections (WLL+GSM) (in Numbers)						
a) Public Sector	*	*	-5928706	-3530155	-	-
b) Private Sector	*	*	8174618	9444362	-	-13.44
Total	*	*	2245912	5914207	-	-62.03