### Notes on Demand

**MINISTRY OF PETROLEUM AND NATURAL GAS**

**DEMAND NO. 76**

Ministry of Petroleum and Natural Gas

<table>
<thead>
<tr>
<th>(In ₹ crores)</th>
<th>Actual 2020-2021</th>
<th>Budget 2021-2022</th>
<th>Revised 2021-2022</th>
<th>Budget 2022-2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Revenue</td>
<td>Capital</td>
<td>Total</td>
<td>Revenue</td>
</tr>
<tr>
<td>Gross</td>
<td>39876.88</td>
<td>2313.00</td>
<td>42189.88</td>
<td>15866.78</td>
</tr>
</tbody>
</table>
| Recoveries   | ... | ... | ... | -350.00 | ... | -350.00 | ... | ... | ... | ... | ... | ...
| Receipts     | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...
| Net          | 39876.88 | 2313.00 | 42189.88 | 15516.78 | 427.00 | 15943.78 | 8448.47 | 397.66 | 8846.13 | 8339.86 | 600.00 | 8939.86 |

A. The Budget allocations, net of recoveries, are given below:

#### CENTRE’S EXPENDITURE

**Establishment Expenditure of the Centre**

1. Secretariat
   - 34.33
   - 34.33
   - 45.41
   - 45.41
   - 47.15
   - 47.15
   - 49.16
   - 49.16

2. Payment of differential royalty to State Governments
   - 13.54
   - 13.54
   - 24.00
   - 24.00
   - 0.93
   - 0.93
   - 1.11
   - 1.11

#### Strategic Oil Reserves

3. Indian Strategic Petroleum Reserve Limited (ISPRL) Phase II (Construction of Cavems)
   - 2250.00
   - 2250.00
   - 210.00
   - 210.00
   - 600.00
   - 600.00

4. Payment to Indian Strategic Petroleum Reserve Limited (ISPRL) for Crude Oil Reserve
   - 178.24
   - 178.24
   - 186.34
   - 186.34
   - 163.54
   - 163.54
   - 210.58
   - 210.58

5. Payment to ISPRL for Strategic Crude Oil Reserve (O and M)
   - 210.00
   - 210.00
   - 396.34
   - 396.34
   - 373.54
   - 373.54
   - 600.00
   - 600.00

Total Strategic Oil Reserves
   - 178.24
   - 2250.00
   - 2428.24
   - 186.34
   - 210.00
   - 396.34
   - 163.54
   - 210.58
   - 810.58

#### Refinery and Conservation

6. Pradhan Mantri Ji-VAN Yojna
   - 233.31
   - 233.31
   - 189.38
   - 189.38
   - 314.36
   - 314.36

7. National Bio-Fuel Fund
   - 1.00
   - 1.00
   - 1.00
   - 1.00
   - 1.00
   - 1.00

Total Refinery and Conservation
   - 234.31
   - 234.31
   - 190.38
   - 190.38
   - 315.36
   - 315.36

#### LPG Subsidy

8. Direct Benefit Transfer - LPG
   - 23666.61
   - 23666.61
   - 12480.00
   - 12480.00
   - 3400.00
   - 3400.00
   - 4000.00
   - 4000.00

9. LPG Connection to Poor Households
   - 9235.42
   - 9235.42
   - 1078.35
   - 1078.35
   - 1042.92
   - 1042.92
   - 137.50
   - 137.50

10. Other subsidy payable including for North Eastern Region
    - 494.62
    - 494.62
    - 450.00
    - 450.00
    - 391.00
    - 391.00
    - 811.00
    - 811.00

11. Feedstock Subsidy to BCPL/Assam Gas Cracker Complex
    - 1700.00
    - 1700.00
    - 1078.35
    - 1078.35
    - 1042.92
    - 1042.92
    - 137.50
    - 137.50

12. Project Management Expenditure
    - 98.64
    - 98.64
    - 65.00
    - 65.00
    - 65.00
    - 65.00
    - 64.00
    - 64.00

Total LPG Subsidy
   - 35195.29
   - 35195.29
   - 14073.35
   - 14073.35
   - 6516.92
   - 6516.92
   - 5812.50
   - 5812.50
<table>
<thead>
<tr>
<th>Kerosene Subsidy</th>
<th>Actual 2020-2021</th>
<th>Budget 2021-2022</th>
<th>Revised 2021-2022</th>
<th>Budget 2022-2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Revenue</td>
<td>Capital</td>
<td>Total</td>
<td>Revenue</td>
</tr>
<tr>
<td>13. Cash Incentives for Kerosene Distribution Reforms</td>
<td>576.22</td>
<td>...</td>
<td>576.22</td>
<td>...</td>
</tr>
<tr>
<td>14. Direct Benefit Transfer-Kerosene</td>
<td>5.83</td>
<td>...</td>
<td>5.83</td>
<td>...</td>
</tr>
<tr>
<td>15. Under-recovery (other Subsidy Payable)</td>
<td>2677.30</td>
<td>...</td>
<td>2677.30</td>
<td>...</td>
</tr>
<tr>
<td><strong>Total-Kerosene Subsidy</strong></td>
<td>3259.35</td>
<td>...</td>
<td>3259.35</td>
<td>...</td>
</tr>
<tr>
<td>16. Phulpur Dhamra Haldia Pipeline Project</td>
<td>728.03</td>
<td>...</td>
<td>728.03</td>
<td>250.00</td>
</tr>
<tr>
<td>17. National Seismic Programme</td>
<td>...</td>
<td>63.00</td>
<td>63.00</td>
<td>...</td>
</tr>
<tr>
<td>18. Indradhanush Gas Grid Limited (IGGL)-part of the North East Natural Gas Pipeline Grid</td>
<td>180.00</td>
<td>...</td>
<td>180.00</td>
<td>500.00</td>
</tr>
<tr>
<td>18.01 Transfer to Central Road and Infrastructure Fund (CRIF)</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>350.00</td>
</tr>
<tr>
<td>18.02 Programme Component</td>
<td>180.00</td>
<td>...</td>
<td>180.00</td>
<td>500.00</td>
</tr>
<tr>
<td>18.03 Less-Amount met from Central Road and Infrastructure Fund (CRIF)</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>-350.00</td>
</tr>
<tr>
<td><strong>Net</strong></td>
<td>180.00</td>
<td>...</td>
<td>180.00</td>
<td>500.00</td>
</tr>
<tr>
<td><strong>Total-Central Sector Schemes/Projects</strong></td>
<td>39554.45</td>
<td>2313.00</td>
<td>41867.45</td>
<td>15268.00</td>
</tr>
</tbody>
</table>

**Other Central Sector Expenditure**

<table>
<thead>
<tr>
<th>Autonomous Bodies</th>
<th>Actual 2020-2021</th>
<th>Budget 2021-2022</th>
<th>Revised 2021-2022</th>
<th>Budget 2022-2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Revenue</td>
<td>Capital</td>
<td>Total</td>
<td>Revenue</td>
</tr>
<tr>
<td>19. Petroleum Regulatory Board</td>
<td>3.48</td>
<td>...</td>
<td>3.48</td>
<td>23.53</td>
</tr>
<tr>
<td>20. Indian Institute of Petroleum Energy</td>
<td>281.82</td>
<td>...</td>
<td>281.82</td>
<td>95.00</td>
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<tr>
<td>21. Society for Petroleum Laboratories</td>
<td>2.80</td>
<td>...</td>
<td>2.80</td>
<td>2.84</td>
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<tr>
<td>22. Establishment of Rajiv Gandhi Institute of Petroleum and Technology (RGJPT), Assam</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>32.00</td>
</tr>
<tr>
<td>23. Establishment of Centre of Excellence for Energy, Bangalore</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>50.00</td>
</tr>
<tr>
<td><strong>Total-Autonomous Bodies</strong></td>
<td>288.10</td>
<td>...</td>
<td>288.10</td>
<td>203.37</td>
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<tr>
<td><strong>Total-Other Central Sector Expenditure</strong></td>
<td>288.10</td>
<td>...</td>
<td>288.10</td>
<td>203.37</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td>39876.88</td>
<td>2313.00</td>
<td>42189.88</td>
<td>15516.78</td>
</tr>
</tbody>
</table>

**B. Developmental Heads**

**Economic Services**

<table>
<thead>
<tr>
<th></th>
<th>Actual 2020-2021</th>
<th>Budget 2021-2022</th>
<th>Revised 2021-2022</th>
<th>Budget 2022-2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Revenue</td>
<td>Capital</td>
<td>Total</td>
<td>Revenue</td>
</tr>
<tr>
<td>1. Petroleum</td>
<td>39252.79</td>
<td>...</td>
<td>39252.79</td>
<td>15447.37</td>
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<tr>
<td>2. Secretariat-Economic Services</td>
<td>34.33</td>
<td>...</td>
<td>34.33</td>
<td>45.41</td>
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<tr>
<td>3. Capital Outlay on Petroleum</td>
<td>...</td>
<td>2313.00</td>
<td>2313.00</td>
<td>...</td>
</tr>
<tr>
<td><strong>Total-Economic Services</strong></td>
<td>39287.12</td>
<td>2313.00</td>
<td>41600.12</td>
<td>15492.78</td>
</tr>
<tr>
<td><strong>Others</strong></td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>
### 4. Grants-in-aid to State Governments

<table>
<thead>
<tr>
<th></th>
<th>Actual 2020-2021</th>
<th>Budget 2021-2022</th>
<th>Revised 2021-2022</th>
<th>Budget 2022-2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Revenue</td>
<td>Capital</td>
<td>Total</td>
<td>Revenue</td>
</tr>
<tr>
<td></td>
<td>589.76</td>
<td>...</td>
<td>589.76</td>
<td>24.00</td>
</tr>
<tr>
<td>Total-Others</td>
<td>589.76</td>
<td>...</td>
<td>589.76</td>
<td>24.00</td>
</tr>
<tr>
<td>Grand Total</td>
<td>39076.88</td>
<td>2313.00</td>
<td>41189.88</td>
<td>15516.78</td>
</tr>
</tbody>
</table>

### C. Investment in Public Enterprises

#### Exploration and Production

1. Oil and Natural Gas Corporation Limited
   - 26859.27
   - 26859.27
   - 29800.00
   - 29800.00
   - 30500.00
   - 30500.00
   - 29950.00
   - 29950.00

2. Gas Authority of India Limited
   - 5868.04
   - 6596.07
   - 5447.20
   - 5697.20
   - 6140.69
   - 6640.40
   - 6594.79
   - 6594.79

3. Bharat Petroleum Corporation Limited
   - 1150.00
   - 1150.00
   - 1290.00
   - 1290.00
   - 1380.00
   - 1380.00

4. Indian Oil Corporation Limited
   - 50.94
   - 50.94
   - 160.49
   - 160.49
   - 129.13
   - 129.13
   - 129.18
   - 129.18

5. Oil India Limited
   - 13331.93
   - 13331.93
   - 4108.00
   - 4108.00
   - 4277.00
   - 4277.00
   - 4302.00
   - 4302.00

6. Oil Natural Gas Corporation Videsh Limited
   - 5733.98
   - 5733.98
   - 8379.99
   - 8379.99
   - 5620.01
   - 5620.01
   - 8180.01
   - 8180.01

#### Refinery and Marketing Sector

7. Indian Oil Corporation Limited
   - 25244.49
   - 25244.49
   - 24329.58
   - 24329.58
   - 23185.21
   - 23185.21
   - 23083.35
   - 23083.35

8. Hindustan Petroleum Corporation Limited
   - 14700.29
   - 14700.29
   - 14500.00
   - 14500.00
   - 13510.00
   - 13510.00
   - 14500.00
   - 14500.00

9. Bharat Petroleum Corporation Limited
   - 8926.96
   - 8926.96
   - 7740.00
   - 7740.00
   - 8947.00
   - 8947.00
   - 8120.00
   - 8120.00

10. Chennai Petroleum Corporation Limited
    - 583.13
    - 583.13
    - 384.00
    - 384.00
    - 559.00
    - 559.00
    - 584.00
    - 584.00

11. Numaligarh Refinery Limited
    - 1028.99
    - 1028.99
    - 2000.00
    - 2000.00
    - 2200.00
    - 2200.00
    - 6774.00
    - 6774.00

12. Mangalore Refiners and Petrochemicals Limited
    - 2178.88
    - 2178.88
    - 850.00
    - 850.00
    - 965.76
    - 965.76
    - 815.00
    - 815.00

#### Petrochemical Sector

13. Indian Oil Corporation Limited
    - 3388.92
    - 3388.92
    - 4057.03
    - 4057.03
    - 5232.76
    - 5232.76
    - 5336.47
    - 5336.47

14. Gas Authority of India Limited
    - 385.45
    - 385.45
    - 414.00
    - 414.00
    - 520.05
    - 520.05
    - 905.21
    - 905.21

15. Bharat Petroleum Corporation Limited
    - 987.43
    - 987.43
    - 970.00
    - 970.00
    - 263.00
    - 263.00
    - 500.00
    - 500.00

#### Engineering Sector

16. Balmer Lawrie and Company Limited
    - 42.94
    - 42.94
    - 40.00
    - 40.00
    - 40.00
    - 40.00

17. Engineers India Limited
    - 732.74
    - 732.74
    - 150.00
    - 150.00
    - 150.00
    - 150.00

Notes on Demands for Grants, 2022-2023

Ministry of Petroleum and Natural Gas

No. 76/Ministry of Petroleum and Natural Gas
1. Secretariat: Provision is for Secretariat expenditure of the Ministry.

2. Payment of differential Royalty to State Governments: The provision is for the payment of difference between the rates as per the Production Sharing Contracts and notified royalty on crude oil, to state governments concerned, for the blocks.

3. Indian Strategic Petroleum Reserve Limited (ISPRL) Phase II (Construction of Cavens): Construction of cavens under Phase II at locations with an aggregate capacity of 12.5 MMT.

4. Payment to Indian Strategic Petroleum Reserve Limited (ISPRL) for Crude Oil Reserve: Taking into account the oil security concerns of India, strategic crude oil storages in underground rock cavens of 5.33 Million Metric Tons (MMT) at Visakhapatnam, Mangalore and Padur, have been set up by Indian Strategic Petroleum Reserve Limited (ISPRL). Provision is for filling of cavens with crude oil.

5. Payment to ISPRL for Strategic Crude Oil Reserve (O and M): Operation and maintenance cost of cavens at Visakhapatnam, Mangalore and Padur.

6. Pradhan Mantri Ji-VAN Yojna: Pradhan Mantri Ji-VAN Yojna is for providing financial support for setting up of Integrated Bioethanol projects based on lignocellulosic biomass and other renewable feedstock.


8. Direct Benefit Transfer: Payment to Oil Marketing Companies (OMCs) for direct transfer of LPG cash subsidy to consumer under PAHAL Direct Benefit Transfer (DBT) Scheme.

9. LPG Connection to Poor Households: A scheme to provide support to BPL households to motivate the poor families to shift from fossil fuels such as kerosene, coal, fuel wood, cow dung, crop residue, etc., to a cleaner fuel. While providing the new connections to BPL households, preference would be given to uncovered States and pockets, particularly in the Eastern parts of the country.

10. Other subsidy payable including for North Eastern Region: The provision is made for subsidy on account of arrears of previous years/schemes(freight subsidy and subsidy on LPG and Kerosene for PDS), payment to oil companies on account of subsidies for supply of natural gas to North Eastern region, etc.

11. Feedstock Subsidy to BCPL/Assam Gas Cracker Complex: This scheme received unpaid bills of past year during the FY 2020-21 and FY 2021-22. The funds released are being utilized and BE 2022-23 are based on the feedstock subsidy approved by the Cabinet approval.

12. Project Management Expenditure: Payment to OMCs for Project Management Expenditure for implementation of direct transfer of cash subsidy under PAHAL (DBT) LPG Scheme.


14. Direct Benefit Transfer: A provision to implement DBT in kerosene under which the amount of subsidy will be transferred directly to the bank account of the beneficiary.

15. Under-recovery (other Subsidy Payable): The provision is made for subsidy on account of arrears of previous years/schemes(freight subsidy and subsidy on LPG and Kerosene for PDS), under-recovery on sale of PDS kerosene.

16. Phulpur Dhamra Haldia Pipeline Project: PDHPL will connect the States of Uttar Pradesh, Bihar, Jharkhand, Odisha and West Bengal with National Gas Grid. This is an important gas infrastructure which will facilitate industrialization in these economically backward States.

17. National Seismic Programme: The scheme envisaged mapping of all the lands available with OIL and ONGC. Due to some technical reasons, certain difficult areas like Leh & Laddakh and Manipur in North-East could not be mapped. It has now been decided to use air borne geo-physical surveys. The provisioning is to settle the unpaid bills and for air-borne survey completion cost.

18. Indradhanush Gas Grid Limited (IGGL)-part of the North East Natural Gas Pipeline Grid: The scheme is new project which was initiated in FY 2020-21. Based on the Cabinet approval, funds are provided as Viability Gap Funding (VGF) contribution to the project.

19. Petroleum Regulatory Board: Expenses of PNGRB will be met out of the interest income on corpus fund.

20. Indian Institute of Petroleum Energy: Provision is for setting up Petroleum University in Andhra Pradesh in accordance with the provisions under Andhra Pradesh Reorganisation Act, 2014.


22. Establishment of Rajiv Gandhi Institute of Petroleum And Technology (RG IPT), Assam: Establishment of Rajiv Gandhi Institute of Petroleum and Technology (RG IPT), Assam has been set up including basic research.

23. Establishment of Centre of Excellence for Energy, Bangalore: Establishment of Centre of Excellence for Energy, Bangalore has been set up including basic research.