

**GOVERNMENT OF INDIA  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
LOK SABHA  
UNSTARRED QUESTION NO. 2314  
TO BE ANSWERED ON AUGUST 03, 2023  
METRO RAIL NETWORK**

**NO. 2314. SHRI VINAYAK RAUT:  
SHRI ARVIND GANPAT SAWANT:**

**Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:**

- (a) the criteria for establishment of Metro Rail Network in the country;**
- (b) the length (in kilometres) of Metro Rail Network in operation in the country, State/UT and city-wise including Maharashtra;**
- (c) the details of the proposals received for metro rail during each of the last three years and the current year, block, city and State/UT-wise;**
- (d) the details of the sanctioned and pending proposals, block, city and State/UT-wise along with the reasons for the delay;**
- (e) the time by which the proposals are likely to be sanctioned; and**
- (f) the funds allocated, disbursed and utilized through public and private partnership for different schemes during the last five years, block, city and State/UT-wise?**

**ANSWER  
THE MINISTER OF STATE IN THE  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
(SHRI KAUSHAL KISHORE)**

**(a) & (b) At present, about 872 kilometers of Metro Rail network is operational in the country. Urban transport, which is inter-twined with urban development, is a state subject. Hence, respective State/Union Territory (UT) Governments are responsible for initiating, developing and funding urban transport infrastructure including Metro Rail projects. As per Metro Rail Policy, 2017, the Central Government considers financial assistance for Metro Rail proposals in cities or urban agglomerates based on the feasibility of the proposal and availability of resources, as and when posed by the concerned State/Union Territory (UT) Government. The length of Metro Rail network operational in the country, State/UT and city-wise, including Maharashtra, is given in Annexure I.**

**(c) to (e) The details of Metro Rail proposals received from various State/Union Territory (UT) Governments, in each of the last three years and the current year, city, State/UT-wise and their present status, are given in Annexure II.**

**Metro rail projects are cost intensive which require extensive Inter-Ministerial consultations and their approval depends on feasibility of projects and availability of resources. No time limit can be specified for sanction of the project.**

**(f) The Metro Rail Policy, 2017 issued by this Ministry incorporates provision of Viability Gap Funding (VGF) under the VGF Scheme of Government of India as one of the option for central financial assistance for Metro Rail projects. Department of Economic Affairs (DEA), Ministry of Finance has informed that no funds were allocated, disbursed and utilized for metro projects under Public Private Partnership (PPP) mode during the last five years under the Viability Gap Funding (VGF) Scheme of DEA.**

**In PPP projects under Pradhan Mantri Awas Yojana - Urban (PMAY-U), 3.68 lakh EWS houses involving Central Assistance of ₹4,486.16 cr have been sanctioned. The details of central assistance sanctioned so far and amount released & utilised during last five years (FY 2018-2023) in PPP projects under PMAY-U, State and city-wise, are given in Annexure III.**

**As per AMRUT 2.0 guidelines, PPP projects are mandatory in million plus cities. So far, 15 PPP mode projects worth ₹6,419.96 Cr have been approved in million plus cities under AMRUT 2.0. The state-wise details of these PPP mode projects are given in Annexure IV.**

**Smart Cities Mission (SCM) through Public Private Partnership (PPP) mode has incorporated private investments also in the development of Smart Cities. Under SCM, 233 projects worth around ₹ 14,826 crore have been taken up under Public Private Partnership mode. A Summary of the PPP projects under taken by the Smart Cities is given in Annexure-V.**

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**ANNEXURE REFERRED TO IN REPLY TO PART (a) & (b) OF THE LOK SABHA QUESTION NO. 2314 FOR ANSWER ON 03.08.2023 REGARDING METRO RAIL NETWORK ASKED BY SHRI VINAYAK RAUT AND SHRI ARVIND GANPAT SAWANT**

**LENGTH OF METRO RAIL NETWORK OPERATIONAL IN THE COUNTRY, STATE/UT AND CITY-WISE, INCLUDING MAHARASHTRA**

| <b>Sr No</b> | <b>State/UT</b>  | <b>City</b>                 | <b>Approx Operational length (in Kms)</b> |
|--------------|--|-----------------------------|---|
| <b>1.</b>    | <b>Delhi, Uttar Pradesh and Haryana<br/><br/>(Delhi Metro Network)</b> | <b>Delhi</b>                | <b>350</b>                                |
| <b>2.</b>    |  | <b>Noida</b>                |   |
| <b>3.</b>    |  | <b>Ghaziabad</b>            |   |
| <b>4.</b>    |  | <b>Faridabad</b>            |   |
| <b>5.</b>    |  | <b>Ballabhgarh</b>          |   |
| <b>6.</b>    |  | <b>Bahadurgarh</b>          |   |
| <b>7.</b>    |  | <b>Gurugram</b>             |   |
| <b>8.</b>    | <b>Haryana</b>   | <b>Gurugram</b>             | <b>11</b>                                 |
| <b>9.</b>    | <b>Uttar Pradesh</b>   | <b>Noida, Greater Noida</b> | <b>30</b>                                 |
| <b>10.</b>   |  | <b>Lucknow</b>              | <b>23</b>                                 |
| <b>11.</b>   |  | <b>Kanpur</b>               | <b>9</b>                                  |
| <b>12.</b>   | <b>Karnataka</b>   | <b>Bangalore</b>            | <b>70</b>                                 |
| <b>13.</b>   | <b>Telangana</b>   | <b>Hyderabad</b>            | <b>69</b>                                 |
| <b>14.</b>   | <b>West Bengal</b>   | <b>Kolkata</b>              | <b>48</b>                                 |
| <b>15.</b>   | <b>Tamil Nadu</b>  | <b>Chennai</b>              | <b>54</b>                                 |
| <b>16.</b>   | <b>Rajasthan</b>   | <b>Jaipur</b>               | <b>12</b>                                 |
| <b>17.</b>   | <b>Kerala</b>  | <b>Kochi</b>                | <b>27</b>                                 |
| <b>18.</b>   | <b>Maharashtra</b>   | <b>Mumbai</b>               | <b>66</b>                                 |
| <b>19.</b>   |  | <b>Nagpur</b>               | <b>40</b>                                 |
| <b>20.</b>   |  | <b>Pune</b>                 | <b>24</b>                                 |
| <b>21.</b>   | <b>Gujarat</b>   | <b>Ahmedabad</b>            | <b>39</b>                                 |

**ANNEXURE REFERRED TO IN REPLY TO PART (c), (d) & (e) OF THE LOK SABHA QUESTION NO. 2314 FOR ANSWER ON 03.08.2023 REGARDING METRO RAIL NETWORK ASKED BY SHRI VINAYAK RAUT AND SHRI ARVIND GANPAT SAWANT**

**DETAILS OF METRO RAIL PROPOSALS RECEIVED FROM VARIOUS STATE/UNION TERRITORY (UT) GOVERNMENTS, IN EACH OF THE LAST THREE YEARS AND THE CURRENT YEAR, CITY, STATE/UT-WISE AND THEIR PRESENT STATUS**

| Sr No | Financial Year of Receipt of Proposal | State/UT           | Cities                  | Name of Project   | Length (in Kms) | Present Status   |
|-------|---------------------------------------|--------------------|-------------------------|---|-----------------|--|
| 1.    | 2020-21                               | Kerala             | Kochi                   | Kochi Metro Rail Project Phase IA   | 2.00            | Approved   |
| 2.    |                                       |                    | Kozhikode               | Kozhikode Light Metro Project   | 13.30           | Govt. of Kerala has been advised to revisit and align the proposal in accordance with standard specifications of Metrolite/ Metro Neo issued by this Ministry. |
| 3.    |                                       |                    | Thiruvananthapuram      | Thiruvananthapuram Light Metro Project  | 21.821          |  |
| 4.    |                                       | Uttar Pradesh      | Gorakhpur               | Gorakhpur Metrolite Project   | 15.14           |  |
| 5.    |                                       | Jammu & Kashmir    | Jammu                   | Jammu MetroLite   | 23.00           |  |
| 6.    |                                       |                    | Srinagar                | Srinagar MetroLite  | 25.00           |  |
| 7.    |                                       | Delhi & Haryana    | Delhi, Sonipat, Panipat | Delhi-Panipat RRTS Corridor   | 103.02          | The approval of Government of National Capital Territory of Delhi (GNCTD) with financial commitment has not been received.                                     |
| 8.    |                                       | Haryana, Rajasthan | Shahjahanpur, Neemrana  | SNB Urban Complex – Sotanala RIICO Industrial Area RRTS Corridor                              | 33.3            | The DPR has been returned owing to non-approval of the DPR by the State Government of Rajasthan.   |
| 9.    | 2021-22                               | Haryana            | Gurugram                | Millennium City Centre Gurugram to Cyber City, Gurugram with Spur to Dwarka Expressway        | 28.50           | Approved   |
| 10.   |                                       | Maharashtra        | Pune                    | Extension of Pune Metro Rail Project Phase-1A from PCMC to NIGDI                              | 4.413           | The proposals are in various stages of appraisal/ approval.  |
| 11.   |                                       |                    | Thane                   | Thane Integral Ring Metro Project   | 29.00           |  |
| 12.   |                                       | Uttarakhand        | Dehradun                | Dehradun Metro Neo Project  | 22.424          |  |
| 13.   |                                       | Uttar Pradesh      | Noida, Greater Noida    | Extension of Noida Metro Rail Corridor from Sec 51, Noida to Knowledge Park V, Greater Noida. | 14.958          |  |
| 14.   | 2022-23                               | Delhi & Haryana    | Delhi, Gurugram         | Rezangla Chowk, Gurugram to Dwarka Sector 21  | 8.40            |  |
| 15.   |                                       | Maharashtra        | Pune                    | Pune Metro Rail Project extension Line from Swargate to Katraj                                | 5.464           |  |
| 16.   |                                       | Kerala             | Kochi                   | Kochi Metro Rail  | 1.2             | The proposals are in various stages of   |

|            |                |                  |                  |  |              |  |
|------------|----------------|------------------|------------------|--|--------------|--|
|            |                |                  |                  | <b>Project Phase IB</b>  |              | <b>appraisal/ approval.</b>  |
| <b>17.</b> |                | <b>Telangana</b> | <b>Hyderabad</b> | <b>Hyderabad Metro Rail Project Phase-II(A) Corridor 4 (implemented as fully owned project of GoTS ) Airport Express Metro</b> | <b>31.00</b> |  |
| <b>18.</b> |                |                  |                  | <b>Hyderabad Metro Rail Project Phase-II (B)</b>   | <b>31.00</b> |  |
| <b>19.</b> |                | <b>Karnataka</b> | <b>Bangalore</b> | <b>Bangalore Metro Rail Project Phase 3</b>  | <b>44.65</b> |  |
| <b>20.</b> | <b>2023-24</b> | <b>Rajasthan</b> | <b>Jaipur</b>    | <b>Jaipur Metro Rail Project Phase 1C</b>  | <b>2.85</b>  | <b>The proposals are in various stages of appraisal/ approval.</b> |
| <b>21.</b> |                |                  |                  | <b>Jaipur Metro Rail Project Phase 1C</b>  | <b>1.35</b>  |  |

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**DETAILS OF CENTRAL ASSISTANCE SANCTIONED SO FAR AND AMOUNT RELEASED & UTILISED DURING LAST FIVE YEARS (FY 2018-2023) IN PPP PROJECTS UNDER PMAY-U, STATE AND CITY-WISE**

| Sr. No.            | City Name          | Central Assistance Sanctioned So far (₹inCrores) | Details of Central Assistance during last five years (FY2018-2023)(₹inCrores) |          |
|--------------------|--------------------|--|---|----------|
|                    |                    |  | Released  | Utilised |
| <b>Assam</b>       |                    |  |   |          |
| 1                  | Hojai              | 0.44   | -   | -        |
| 2                  | North Lakhimpur    | 0.64   | -   | -        |
| <b>Gujarat</b>     |                    |  |   |          |
| 1                  | Ahmedabad          | 324.08   | -   | 13.74    |
| 2                  | Rajkot             | 50.64  | -   | -        |
| 3                  | Junagadh           | 45.15  | -   | -        |
| 4                  | Vallabh Vidyanagar | 2.20   | -   | -        |
| 5                  | Vadodara           | 45.48  | -   | -        |
| 6                  | Surat              | 213.51   | 44.60   | 44.24    |
| <b>Haryana</b>     |                    |  |   |          |
| 1                  | Assandh            | 1.14   | -   | -        |
| 2                  | Jind               | 2.53   | -   | -        |
| 3                  | Charkhi Dadri      | 9.30   | -   | -        |
| <b>Maharashtra</b> |                    |  |   |          |
| 1                  | Bodwad             | 2.12   | -   | -        |
| 2                  | Samudrapur         | 0.47   | -   | -        |
| 3                  | Parshivani         | 11.22  | 4.49  | -        |
| 4                  | Wanjara            | 4.68   | -   | -        |
| 5                  | Hingana            | 22.43  | 0.87  | -        |
| 6                  | Korpana            | 15.75  | 6.30  | -        |
| 7                  | Khalapur           | 7.11   | -   | -        |
| 8                  | Poladpur           | 10.80  | -   | -        |
| 9                  | Talegaon Dhamdhere | 1.54   | -   | -        |
| 10                 | Parner             | 0.60   | -   | -        |
| 11                 | Jamkhed            | 4.20   | 1.49  | -        |
| 12                 | Vashi              | 24.00  | -   | -        |
| 13                 | Khandala           | 3.26   | 1.30  | -        |
| 14                 | Nandurbar          | 2.01   | -   | -        |
| 15                 | Faizpur            | 0.72   | -   | -        |
| 16                 | Jalgaon            | 3.36   | 1.34  | -        |
| 17                 | Amalner            | 3.41   | -   | -        |

|    |                   |          |       |   |
|----|-------------------|----------|-------|---|
| 18 | Bhadgaon          | 1.56     | -     | - |
| 19 | Chalisgaon        | 7.22     | -     | - |
| 20 | Pachora           | 19.85    | 5.87  | - |
| 21 | Jamner            | 5.42     | -     | - |
| 22 | Akola             | 6.81     | -     | - |
| 23 | Hinganghat        | 1.28     | -     | - |
| 24 | Savner            | 7.13     | -     | - |
| 25 | Kamptee           | 9.27     | 0.84  | - |
| 26 | Nagpur            | 119.22   | 18.43 | - |
| 27 | Chandrapur        | 4.91     | -     | - |
| 28 | Paithan           | 5.76     | 2.30  | - |
| 29 | Malegaon (Nashik) | 2.94     | 1.18  | - |
| 30 | Nashik            | 1.22     | -     | - |
| 31 | Palghar           | 137.64   | 7.94  | - |
| 32 | Vasai-Virar       | 405.00   | 44.54 | - |
| 33 | Bhiwandi Nizampur | 45.73    | 5.18  | - |
| 34 | Kalyan-Dombivli   | 116.84   | 3.61  | - |
| 35 | Badlapur          | 23.29    | -     | - |
| 36 | Ambarnath         | 61.71    | 24.68 | - |
| 37 | Greater Mumbai    | 1,284.85 | -     | - |
| 38 | Panvel            | 14.22    | -     | - |
| 39 | Karjat (Raigad)   | 188.01   | -     | - |
| 40 | Pen               | 49.32    | -     | - |
| 41 | Junnar            | 1.84     | -     | - |
| 42 | Pimpri Chinchwad  | 25.14    | 4.87  | - |
| 43 | Pune              | 308.22   | 5.53  | - |
| 44 | Daund             | 2.85     | -     | - |
| 45 | Sangamner         | 2.54     | -     | - |
| 46 | Shirdi            | 2.52     | 0.89  | - |
| 47 | Bid               | 6.72     | 2.69  | - |
| 48 | Ambejogai         | 7.35     | -     | - |
| 49 | Latur             | 7.80     | -     | - |
| 50 | Ausa              | 2.40     | -     | - |
| 51 | Osmanabad         | 13.50    | -     | - |
| 52 | Barshi            | 18.77    | 1.66  | - |
| 53 | Solapur           | 202.79   | 67.06 | - |
| 54 | Wai               | 1.12     | -     | - |
| 55 | Phaltan           | 9.06     | -     | - |
| 56 | Mhaswad           | 4.77     | 1.77  | - |
| 57 | Satara            | 3.00     | -     | - |
| 58 | Karad             | 2.49     | -     | - |
| 59 | Malkapur          | 3.60     | -     | - |
| 60 | Ratnagiri         | 0.96     | -     | - |
| 61 | Kolhapur          | 11.63    | 2.56  | - |

|                      |                            |               |              |              |
|----------------------|----------------------------|---------------|--------------|--------------|
| <b>62</b>            | <b>Sangli Miraj Kupwad</b> | <b>2.40</b>   | <b>0.96</b>  | <b>-</b>     |
| <b>Odisha</b>        |                            |               |              |              |
| <b>1</b>             | <b>Bhubaneswar</b>         | <b>29.00</b>  | <b>0.85</b>  | <b>1.70</b>  |
| <b>Punjab</b>        |                            |               |              |              |
| <b>1</b>             | <b>Bathinda</b>            | <b>10.25</b>  | <b>4.10</b>  |              |
| <b>Uttar Pradesh</b> |                            |               |              |              |
| <b>1</b>             | <b>Rampur</b>              | <b>3.60</b>   | <b>1.44</b>  | <b>0.70</b>  |
| <b>2</b>             | <b>Ghaziabad</b>           | <b>119.36</b> | <b>22.82</b> | <b>13.65</b> |
| <b>3</b>             | <b>Hapur</b>               | <b>14.34</b>  | <b>-</b>     | <b>-</b>     |
| <b>4</b>             | <b>Bareilly</b>            | <b>35.16</b>  | <b>14.06</b> | <b>12.26</b> |
| <b>5</b>             | <b>Kanpur</b>              | <b>14.90</b>  | <b>-</b>     | <b>-</b>     |
| <b>6</b>             | <b>Jhansi</b>              | <b>34.26</b>  | <b>25.60</b> | <b>12.21</b> |
| <b>7</b>             | <b>Prayagraj</b>           | <b>10.46</b>  | <b>1.12</b>  | <b>0.85</b>  |
| <b>8</b>             | <b>Varanasi</b>            | <b>9.12</b>   | <b>7.08</b>  | <b>2.75</b>  |
| <b>Uttarakhand</b>   |                            |               |              |              |
| <b>1</b>             | <b>Ramnagar</b>            | <b>7.92</b>   | <b>3.17</b>  | <b>-</b>     |
| <b>2</b>             | <b>Kashipur</b>            | <b>35.28</b>  | <b>7.54</b>  | <b>7.54</b>  |
| <b>3</b>             | <b>MahuaKheraganj</b>      | <b>12.36</b>  | <b>4.94</b>  | <b>-</b>     |
| <b>4</b>             | <b>Jaspur</b>              | <b>18.96</b>  | <b>-</b>     | <b>-</b>     |
| <b>5</b>             | <b>Rudrapur</b>            | <b>34.08</b>  | <b>13.63</b> | <b>-</b>     |
| <b>6</b>             | <b>Gadarpur</b>            | <b>13.92</b>  | <b>5.57</b>  | <b>-</b>     |
| <b>7</b>             | <b>Sitarganj</b>           | <b>30.48</b>  | <b>12.19</b> | <b>7.01</b>  |
| <b>8</b>             | <b>Roorkee</b>             | <b>27.84</b>  | <b>11.14</b> | <b>4.61</b>  |
| <b>9</b>             | <b>Manglaur</b>            | <b>8.16</b>   | <b>3.26</b>  | <b>-</b>     |
| <b>10</b>            | <b>Haridwar</b>            | <b>24.00</b>  | <b>9.60</b>  | <b>-</b>     |
| <b>West Bengal</b>   |                            |               |              |              |
| <b>1</b>             | <b>Durgapur</b>            | <b>12.00</b>  | <b>-</b>     |              |
| <b>2</b>             | <b>Kolkata</b>             | <b>7.35</b>   | <b>-</b>     |              |



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**DETAILS OF APPROVED PPP PROJECTS UNDER AMRUT 2.0 IN MILLION PLUS CITIES**

| <b>Sl. No.</b> | <b>Name of the State/UT</b> | <b>No of PPP mode projects</b> | <b>Amount (in ₹ cr.)</b> |
|----------------|-----------------------------|--------------------------------|--------------------------|
| <b>1</b>       | <b>Andhra Pradesh</b>       | <b>2</b>                       | <b>190</b>               |
| <b>2</b>       | <b>Delhi</b>                | <b>1</b>                       | <b>1,287</b>             |
| <b>3</b>       | <b>Gujarat</b>              | <b>4</b>                       | <b>1,327.91</b>          |
| <b>4</b>       | <b>Jammu &amp; Kashmir</b>  | <b>1</b>                       | <b>20.76</b>             |
| <b>5</b>       | <b>Madhya Pradesh</b>       | <b>3</b>                       | <b>2,645.98</b>          |
| <b>6</b>       | <b>Maharashtra</b>          | <b>1</b>                       | <b>174</b>               |
| <b>7</b>       | <b>Rajasthan</b>            | <b>1</b>                       | <b>748.61</b>            |
| <b>8</b>       | <b>Uttar Pradesh</b>        | <b>2</b>                       | <b>25.7</b>              |

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| <b>Sr. No.</b> | <b>Status</b>             | <b>No. of Projects</b> | <b>Cost (₹ cr.)</b> |
|----------------|---------------------------|------------------------|---------------------|
| <b>1</b>       | <b>Completed Projects</b> | <b>178</b>             | <b>8,074.03</b>     |
| <b>2</b>       | <b>Ongoing Projects</b>   | <b>54</b>              | <b>6,751.97</b>     |