

GOVERNMENT OF INDIA  
MINISTRY OF POWER

RAJYA SABHA  
UNSTARRED QUESTION NO.1583  
ANSWERED ON 05.08.2024

SHORTAGE OF ELECTRICITY

1583 SHRI RAGHAV CHADHA:

Will the Minister of **POWER** be pleased to state:

- (a) whether there is a shortage of electricity in the country due to its increased consumption as a result of heatwaves;
- (b) if so, the details thereof, State-wise;
- (c) whether the country witnessed lowest electricity production in the last five years due to delay in commissioning of new power plants; and
- (d) the details of steps taken/proposed to be taken by Government to increase the per capita consumption of electricity?

**A N S W E R**

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

**(a) & (b):** There is adequate availability of power in the country. Government of India has addressed the critical issue of power deficiency by adding 2,14,237 MW of generation capacity in the last ten years transforming our country from power deficit to power sufficient.

The details of Power Supply Position during the last five years i.e., 2019-20 to 2023-24 and the current year 2024-25 (upto June, 2024) are given at **Annexure-I**. The details of State-wise/UT-wise Power Supply Position in the country for the year 2023-24 and current year 2024-25 (April, 2024 to June, 2024), are given at **Annexure-II**.

The growth in Energy Supplied has been commensurate to the growth in Energy Requirement in the country. There is only a marginal gap between Energy Requirement and Energy Supplied which is generally on account of constraints in the State transmission/distribution network etc.

**(c):** There has been consistent growth in generation of electricity in the country except for a marginal decline in 2020-21 due to lower energy requirement in the country due to COVID-19 pandemic. The details of total quantity of power generated in the country during the last five years and the current year (upto June, 2024), are given at **Annexure-III**.

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**(d):** The following steps have been taken to increase the per capita consumption of electricity:

(i) Under Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY), Integrated Power Development (IPDS) and Pradhan Mantri Sahaj Bijli Har Ghar Yojana (SAUBHAGYA) schemes, 18,374 villages have been electrified and 2.86 crore household were provided electricity connections. The availability of power supply in rural areas has increased from 12.5 Hours in 2015 to 21.9 Hours in 2024. The power supply in urban areas has increased to 23.4 Hours in 2024. As a result of these measures, per capita power consumption has increased from 957 kWh in 2013-14 to 1331 kWh in 2022-23.

(ii) The Government of India has launched “Revamped Distribution Sector Scheme (RDSS) - a Reforms based and Results linked Scheme” on 20th July 2021 with the objective of improving the quality and reliability of power supply to consumers through a financially sustainable and operationally efficient distribution sector. Under RDSS, all identified Particularly Vulnerable Tribal Group (PVTG) Households under PM-JANMAN (Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan) are eligible for funding for on-grid electricity connection. Till date, 1,23,581 PVTG households have been sanctioned for electrification.

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**ANNEXURE-I****ANNEXURE REFERRED IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 1583 ANSWERED IN THE RAJYA SABHA ON 05.08.2024**

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The details of Power Supply Position during the last five years i.e., 2019-20 to 2023-24 and the current year 2024-25 (upto June, 2024).

| Year                               | Energy [in Million Units (MU)] |                 |                     |     |
|------------------------------------|--------------------------------|-----------------|---------------------|-----|
|                                    | Energy Requirement             | Energy Supplied | Energy Not Supplied |     |
|                                    | (MU)                           | (MU)            | (MU)                | (%) |
| <b>2019-20</b>                     | 12,91,010                      | 12,84,444       | 6,566               | 0.5 |
| <b>2020-21</b>                     | 12,75,534                      | 12,70,663       | 4,871               | 0.4 |
| <b>2021-22</b>                     | 13,79,812                      | 13,74,024       | 5,787               | 0.4 |
| <b>2022-23</b>                     | 15,13,497                      | 15,05,914       | 7,583               | 0.5 |
| <b>2023-24</b>                     | 16,26,132                      | 16,22,020       | 4,112               | 0.3 |
| 2024-25 (April,2024 to June, 2024) | 4,52,399                       | 4,51,811        | 588                 | 0.1 |

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**ANNEXURE REFERRED IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 1583  
ANSWERED IN THE RAJYA SABHA ON 05.08.2024**

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The details of State-wise/UT-wise Power Supply Position in the country for the year 2023-24 and current year 2024-25 (April, 2024 to June, 2024).

| State/<br>System /<br>Region               | April, 2023 - March, 2024 |                    |                        |            | April, 2024 - June, 2024 |                    |                        |            |
|--|---------------------------|--------------------|------------------------|------------|--------------------------|--------------------|------------------------|------------|
|  | Energy<br>Requirement     | Energy<br>Supplied | Energy not<br>Supplied |            | Energy<br>Requirement    | Energy<br>Supplied | Energy not<br>Supplied |            |
|  | (MU)                      | (MU)               | (MU)                   | ( % )      | (MU)                     | (MU)               | (MU)                   | ( % )      |
| Chandigarh                                 | 1,789                     | 1,789              | 0                      | 0.0        | 578                      | 578                | 0                      | 0.0        |
| Delhi                                      | 35,501                    | 35,496             | 5                      | 0.0        | 11,613                   | 11,605             | 8                      | 0.1        |
| Haryana                                    | 63,983                    | 63,636             | 348                    | 0.5        | 19,332                   | 19,321             | 11                     | 0.1        |
| Himachal Pradesh                           | 12,805                    | 12,767             | 38                     | 0.3        | 3,306                    | 3,291              | 15                     | 0.5        |
| Jammu & Kashmir                            | 20,040                    | 19,763             | 277                    | 1.4        | 4,815                    | 4,791              | 25                     | 0.5        |
| Punjab                                     | 69,533                    | 69,528             | 5                      | 0.0        | 20,475                   | 20,475             | 0                      | 0.0        |
| Rajasthan                                  | 1,07,422                  | 1,06,806           | 616                    | 0.6        | 28,940                   | 28,738             | 202                    | 0.7        |
| Uttar Pradesh                              | 1,48,791                  | 1,48,287           | 504                    | 0.3        | 48,902                   | 48,822             | 80                     | 0.2        |
| Uttarakhand                                | 15,644                    | 15,532             | 112                    | 0.7        | 4,678                    | 4,665              | 14                     | 0.3        |
| <b>Northern Region</b>                     | <b>4,76,852</b>           | <b>4,74,946</b>    | <b>1,906</b>           | <b>0.4</b> | <b>1,43,040</b>          | <b>1,42,686</b>    | <b>354</b>             | <b>0.2</b> |
| Chhattisgarh                               | 39,930                    | 39,872             | 58                     | 0.1        | 7,637                    | 11,220             | 2                      | 0.0        |
| Gujarat                                    | 1,45,768                  | 1,45,740           | 28                     | 0.0        | 41,942                   | 41,942             | 0                      | 0.0        |
| Madhya Pradesh                             | 99,301                    | 99,150             | 151                    | 0.2        | 25,397                   | 25,373             | 23                     | 0.1        |
| Maharashtra                                | 2,07,108                  | 2,06,931           | 176                    | 0.1        | 53,413                   | 53,408             | 5                      | 0.0        |
| Dadra & Nagar<br>Haveli and Daman<br>& Diu | 10,164                    | 10,164             | 0                      | 0.0        | 2,697                    | 2,697              | 0                      | 0.0        |
| Goa  | 5,111                     | 5,111              | 0                      | 0.0        | 1,441                    | 1,441              | 0                      | 0.0        |
| <b>Western Region</b>                      | <b>5,17,714</b>           | <b>5,17,301</b>    | <b>413</b>             | <b>0.1</b> | <b>1,38,856</b>          | <b>1,38,826</b>    | <b>30</b>              | <b>0.0</b> |
| Andhra Pradesh                             | 80,209                    | 80,151             | 57                     | 0.1        | 20,504                   | 20,504             | 0                      | 0.0        |
| Telangana                                  | 84,623                    | 84,613             | 9                      | 0.0        | 19,292                   | 19,292             | 0                      | 0.0        |
| Karnataka                                  | 94,088                    | 93,934             | 154                    | 0.2        | 23,710                   | 23,710             | 0                      | 0.0        |
| Kerala                                     | 30,943                    | 30,938             | 5                      | 0.0        | 8,533                    | 8,531              | 2                      | 0.0        |
| Tamil Nadu                                 | 1,26,163                  | 1,26,151           | 12                     | 0.0        | 35,675                   | 35,675             | 0                      | 0.0        |
| Puducherry                                 | 3,456                     | 3,455              | 1                      | 0.0        | 970                      | 970                | 0                      | 0.0        |
| Lakshadweep (#)                            | 64                        | 64                 | 0                      | 0.0        | 18                       | 18                 | 0                      | 0.0        |
| <b>Southern Region</b>                     | <b>4,19,531</b>           | <b>4,19,293</b>    | <b>238</b>             | <b>0.1</b> | <b>1,08,697</b>          | <b>1,08,695</b>    | <b>2</b>               | <b>0.0</b> |
| Bihar                                      | 41,514                    | 40,918             | 596                    | 1.4        | 8,086                    | 12,565             | 90                     | 0.7        |
| DVC  | 26,560                    | 26,552             | 8                      | 0.0        | 6,764                    | 6,762              | 1                      | 0.0        |
| Jharkhand                                  | 14,408                    | 13,858             | 550                    | 3.8        | 4,150                    | 4,097              | 53                     | 1.3        |
| Odisha                                     | 41,358                    | 41,333             | 25                     | 0.1        | 11,990                   | 11,980             | 10                     | 0.1        |
| West Bengal                                | 67,576                    | 67,490             | 86                     | 0.1        | 20,886                   | 20,843             | 43                     | 0.2        |
| Sikkim                                     | 544                       | 543                | 0                      | 0.0        | 140                      | 140                | 0                      | 0.0        |
| Andaman- Nicobar<br>(#)                    | 386                       | 374                | 12                     | 3.2        | 109                      | 106                | 2                      | 2.0        |
| <b>Eastern Region</b>                      | <b>1,92,013</b>           | <b>1,90,747</b>    | <b>1,266</b>           | <b>0.7</b> | <b>56,597</b>            | <b>56,400</b>      | <b>197</b>             | <b>0.3</b> |
| Arunachal Pradesh                          | 1,014                     | 1,014              | 0                      | 0.0        | 245                      | 245                | 0                      | 0.0        |
| Assam                                      | 12,445                    | 12,341             | 104                    | 0.8        | 3,314                    | 3,309              | 5                      | 0.1        |
| Manipur                                    | 1,023                     | 1,008              | 15                     | 1.5        | 264                      | 264                | 0                      | 0.0        |
| Meghalaya                                  | 2,236                     | 2,066              | 170                    | 7.6        | 491                      | 491                | 0                      | 0.0        |
| Mizoram                                    | 684                       | 684                | 0                      | 0.0        | 166                      | 166                | 0                      | 0.0        |
| Nagaland                                   | 921                       | 921                | 0                      | 0.0        | 233                      | 233                | 0                      | 0.0        |
| Tripura                                    | 1,691                     | 1,691              | 0                      | 0.0        | 494                      | 494                | 0                      | 0.0        |
| <b>North-Eastern<br/>Region</b>            | <b>20,022</b>             | <b>19,733</b>      | <b>289</b>             | <b>1.4</b> | <b>5,208</b>             | <b>5,204</b>       | <b>5</b>               | <b>0.1</b> |
| <b>All India</b>                           | <b>16,26,132</b>          | <b>16,22,020</b>   | <b>4,112</b>           | <b>0.3</b> | <b>4,52,399</b>          | <b>4,51,811</b>    | <b>588</b>             | <b>0.1</b> |

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### ANNEXURE-III

#### ANNEXURE REFERRED IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 1583 ANSWERED IN THE RAJYA SABHA ON 05.08.2024

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The total quantity of power generated in the country during the last five years and the current year (upto June, 2024)

(All figures are in Million Units)

|                          | 2019-20   | 2020-21   | 2021-22   | 2022-23   | 2023-24   | 2024-25<br>(Upto June) |
|--------------------------|-----------|-----------|-----------|-----------|-----------|------------------------|
| Total Power<br>Generated | 13,89,121 | 13,81,855 | 14,91,859 | 16,24,466 | 17,39,091 | 4,84,001               |

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