

**GOVERNMENT OF INDIA  
MINISTRY OF POWER  
LOK SABHA  
UNSTARRED QUESTION NO.2825  
ANSWERED ON 08.08.2024**

**DEMAND AND SUPPLY GAP FOR POWER**

**2825 SHRI TARIQ ANWAR:**

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

- (a) the details of the maximum demand and supply gap for power in each district of the State of Bihar along with the details of month by month breakdown of the supply gap during the last five years, year-wise;**
- (b) the measures taken/proposed to be taken to address the demand and supply gap in each district of Bihar;**
- (c) whether the power stations in Bihar are supplying electricity to other States and if so, the details thereof;**
- (d) the reasons behind frequent unscheduled power cuts in the State of Bihar and the average power availability in Katihar district, over a 24-hour period, Gram-Panchayat-wise;**
- (e) whether it is true that distribution licensees are not upgrading power equipment in accordance with the load demands in their regions; and**
- (f) if so, the details thereof and the steps taken/proposed to be taken by the Government in this regard?**

**A N S W E R**

**THE MINISTER OF STATE IN THE MINISTRY OF POWER**

**(SHRI SHRIPAD NAIK)**

**(a) : The District wise details are not maintained by Ministry of Power. The month-wise details of Power Supply Position in Bihar during last five years and current year 2024-25 (upto June, 2024) are given at Annexure-I.**

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**(b) : The electricity being a concurrent subject, the supply and distribution of electricity to the various categories of consumers in a State/UT is within the purview of the respective State Government/Power Utility. Making arrangement of appropriate quantum of power from various sources to meet the demand of various type of electricity consumers in the districts of any State/UT is in the jurisdiction of the concerned State Government and the State Electricity Regulatory Commission (SERC). The Central Government supplements the efforts of the State Governments by establishing power plants in the Central Sector through Central Public Sector Undertakings (CPSUs) and allocating power from them to the various States / UTs as well as financial assistance for system upgradation.**

**In order to ensure adequate power availability in Bihar, following steps have been/ are being taken:**

**(i) During last five years, out of total 6970 MW Thermal generation capacity commissioned in the Eastern Region of the country (having share of Bihar), power allocated to the State of Bihar is 3641 MW. Further, Buxar TPP (SJVN), Barh-I STPP (Unit#3) and North Karanpura (Unit#3) with capacity of 1320 MW (2x660 MW) , 660 MW and 660 MW respectively, are under construction (having share of Bihar).**

**(ii) 1746 MW Renewable Energy Capacities have been contracted during the last five years.**

**(iii) Bihar DISCOMs have also been purchasing power from the power exchanges and through bilateral mode.**

**(iv) Under Revamped Distribution Sector Scheme (RDSS), distribution infrastructure and smart metering works of Rs. 9,222 crore (with Government Budgetary Support of Rs. 4,733 crore) has been sanctioned in Bihar.**

**(v) 1,000 MVA each of transformation capacity at Banka Substation and Lakhisarai Substation is expected to be completed by May 2025 in Bihar.**

**(vi) Under Power System Development Fund (PSDF), Renovation & Upgradation of Grid Sub-station project and project of installation of Capacitor Bank have been completed. Implementation of Sub-Station Automation System project is under execution in Bihar.**

**(c) : The details of allocation of power from Central Sector Generating Stations (located in Bihar) to Bihar and other States/ entities, are given at Annexure-II.**

(d) to (f) : In Bihar, daily average power supply in urban and rural areas is 23.6 Hrs and 22.2 Hrs respectively. DISCOMs have been upgrading the distribution network for strengthening of power supply system through State Plan and RDSS Scheme to ensure 24:00 Hrs power supply in all regions under North Bihar Power Distribution Company Limited (NBPDC) & South Bihar Power Distribution Company Limited (SBPDCL).

Further, Government of India has also been supplementing the efforts of States/ distribution utilities by providing funding to achieve 24x7 power supply for all consumers under various schemes launched from time to time. DDUGJY, IPDS & SAUBHAGYA were launched by Government of India to provide funding for achieving universal household electrification and strengthening of distribution infrastructure for improving the reliability of power supply.

Under RDSS, distribution infrastructure and smart metering works of Rs. 9,222 crore (with Government Budgetary Support of Rs. 4,733 crore) has been sanctioned in Bihar as per followings:

<b>DISCOM</b>	<b>Amount sanctioned for Smart Metering Works (in Rs. Crores)</b>	<b>Amount sanctioned for Distribution infrastructure Works (in Rs. Crores)</b>
<b>NBPDC</b>	<b>3,299.65</b>	<b>968.07</b>
<b>SBPDCL</b>	<b>3,900.97</b>	<b>1,053.14</b>
<b>Bihar Total</b>	<b>7,200.62</b>	<b>2,021.21</b>

**These works approved are at various stages of implementation.**

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**ANNEXURE-I (1/3)****ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2825 ANSWERED IN THE LOK SABHA ON 08.08.2024**

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The month-wise details of Power Supply Position for the State of Bihar during the financial year 2019-20 & 2020-21

(All figures are in Million Units)

Power Supply Position for the State of Bihar during FY 2019-20					Power Supply Position for the State of Bihar during FY 2020-21				
Month	Energy Requirement	Energy Supplied	Energy not Supplied		Month	Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)		(MU)	(MU)	(MU)	(%)
April, 2019	2,584	2,581	3	0.1	April, 2020	2,317	2,316	0	0.0
May, 2019	3,084	3,082	2	0.1	May, 2020	2,753	2,746	7	0.3
June, 2019	3,067	3,058	8	0.3	June, 2020	2,999	2,992	8	0.3
July, 2019	2,881	2,869	13	0.4	July, 2020	3,295	3,275	20	0.6
August, 2019	3,348	3,324	24	0.7	August, 2020	3,440	3,384	57	1.6
September, 2019	2,952	2,933	19	0.6	September, 2020	3,313	3,304	9	0.3
October, 2019	2,629	2,624	5	0.2	October, 2020	3,285	3,285	1	0.0
November, 2019	2,153	2,152	0	0.0	November, 2020	2,217	2,214	3	0.1
December, 2019	2,163	2,154	9	0.4	December, 2020	2,461	2,457	5	0.2
January, 2020	2,450	2,448	3	0.1	January, 2021	2,742	2,731	11	0.4
February, 2020	2,153	2,146	7	0.3	February, 2021	2,426	2,413	12	0.5
March, 2020	2,163	2,162	1	0.1	March, 2021	2,922	2,901	21	0.7
<b>FY 2019-20:</b>	<b>31,627</b>	<b>31,533</b>	<b>94</b>	<b>0.3</b>	<b>FY 2020-21:</b>	<b>34,171</b>	<b>34,018</b>	<b>153</b>	<b>0.4</b>

**ANNEXURE-I (2/3)****ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2825 ANSWERED IN THE LOK SABHA ON 08.08.2024**

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The month-wise details of Power Supply Position for the State of Bihar during the financial year 2021-22 & 2022-23

(All figures are in Million Units)

Power Supply Position for the State of Bihar during FY 2021-22					Power Supply Position for the State of Bihar during FY 2022-23				
Month	Energy Requirement	Energy Supplied	Energy not Supplied		Month	Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)		(MU)	(MU)	(MU)	(%)
April, 2021	3,270	3,252	18	0.6	April, 2022	3,620	3,477	143	3.9
May, 2021	2,954	2,928	26	0.9	May, 2022	3,542	3,483	59	1.7
June, 2021	3,197	3,195	2	0.1	June, 2022	3,709	3,640	69	1.9
July, 2021	3,775	3,755	20	0.5	July, 2022	4,176	4,017	158	3.8
August, 2021	3,707	3,644	63	1.7	August, 2022	4,100	3,933	168	4.1
September, 2021	3,571	3,487	84	2.3	September, 2022	3,706	3,656	50	1.3
October, 2021	3,052	2,968	84	2.8	October, 2022	3,315	3,277	38	1.1
November, 2021	2,218	2,200	17	0.8	November, 2022	2,454	2,441	13	0.5
December, 2021	2,386	2,351	35	1.5	December, 2022	2,569	2,558	12	0.4
January, 2022	2,661	2,636	25	0.9	January, 2023	2,967	2,934	34	1.1
February, 2022	2,312	2,286	26	1.1	February, 2023	2,504	2,482	23	0.9
March, 2022	3,114	3,061	53	1.7	March, 2023	2,882	2,864	18	0.6
<b>FY 2021-22:</b>	<b>36,216</b>	<b>35,761</b>	<b>455</b>	<b>1.3</b>	<b>FY 2022-23:</b>	<b>39,545</b>	<b>38,762</b>	<b>783</b>	<b>2.0</b>

**ANNEXURE-I (3/3)**

**ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2825 ANSWERED IN THE LOK SABHA ON 08.08.2024**

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The month-wise details of Power Supply Position for the State of Bihar during the financial year 2023-24 and current year 2024-25 (upto June, 2024)

(All figures are in Million Units)

Power Supply Position for the State of Bihar during FY 2023-24					Power Supply Position for the State of Bihar during FY 2024-25				
Month	Energy Requirement	Energy Supplied	Energy not Supplied		Month	Energy Requirement	Energy Supplied	Energy not Supplied	
	( MU )	( MU )	( MU )	( % )		( MU )	( MU )	(MU)	( % )
April, 2023	3,416	3,380	36	1.1	April, 2024	3,883	3,848	35	0.9
May, 2023	3,784	3,724	60	1.6	May, 2024	4,203	4,177	26	0.6
June, 2023	4,173	4,087	86	2.1	June, 2024	4,569	4,540	29	0.6
July, 2023	4,414	4,354	60	1.4	FY 2024-25 (Upto June, 2024):	12,655	12,565	90	0.7
August, 2023	4,298	4,237	61	1.4					
September, 2023	4,262	4,167	95	2.2					
October, 2023	3,466	3,383	83	2.4					
November, 2023	2,549	2,538	11	0.4					
December, 2023	2,613	2,596	17	0.7					
January, 2024	3,075	3,004	71	2.3					
February, 2024	2,569	2,558	11	0.4					
March, 2024	2,896	2,889	7	0.2					
<b>FY 2023-24:</b>	<b>41,514</b>	<b>40,918</b>	<b>596</b>	<b>1.4</b>					

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## ANNEXURE-II

## ANNEXURE REFERRED IN REPLY TO PART (c) OF UNSTARRED QUESTION NO.2825 ANSWERED IN THE LOK SABHA ON 08.08.2024

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The details of allocation of power from Central Sector Generating Stations (located in Bihar) to Bihar and other States/ entities

(All figures are in MW)

ALLOCATION OF POWER (IN MW) FROM CONVENTIONAL CENTRAL GENERATING STATIONS LOCATED IN STATE OF BIHAR							
STATIONS/ BENEFICIARIES	Kahalgaon-I	Kahalgaon-II	Barh-II	Barh-I	Nabinagar STPP-I (NPGC)	Kanti Bijlee Utpadan Nigam Limited (KBUNL)-II	Nabinagar TPS of BRBCL
<b>INSTALLED CAPACITY ( MW )</b>	<b>840.00</b>	<b>1,500.00</b>	<b>1,320.00</b>	<b>1,320.00</b>	<b>1,980.00</b>	<b>390.00</b>	<b>1,000.00</b>
<b>BIHAR</b>	<b>48.40</b>	<b>59.81</b>	<b>1242.07</b>	<b>874.38</b>	<b>1634.30</b>	<b>287.55</b>	<b>100.00</b>
<b>ARUNACHAL PRADESH</b>	<b>1.61</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>ASSAM</b>	<b>311.48</b>	<b>77.78</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BANGLADESH</b>	<b>10.00</b>	<b>20.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>CHANDIGARH</b>	<b>0.00</b>	<b>3.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>CHHATTISGARH</b>	<b>0.00</b>	<b>30.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>DELHI</b>	<b>50.99</b>	<b>157.35</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>DNHDDPDCL</b>	<b>0.00</b>	<b>4.95</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>DVC</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>10.14</b>	<b>0.00</b>
<b>GUJARAT</b>	<b>141.04</b>	<b>145.95</b>	<b>0.00</b>	<b>163.91</b>	<b>50.45</b>	<b>0.00</b>	<b>0.00</b>
<b>HARYANA</b>	<b>25.54</b>	<b>68.70</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>HIMACHAL PRADESH</b>	<b>0.00</b>	<b>22.95</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>HVDC</b>	<b>1.00</b>	<b>0.00</b>	<b>1.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>INDIAN RAILWAYS-EASTERN REGION</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>252.75</b>
<b>INDIAN RAILWAYS-NORTH EASTERN RAILWAY</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.49</b>
<b>INDIAN RAILWAYS-NORTHERN REGION</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>241.76</b>
<b>INDIAN RAILWAYS-SOUTH WESTERN RAILWAY</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>65.93</b>
<b>INDIAN RAILWAYS-WESTERN REGION</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>334.07</b>
<b>JHARKHAND</b>	<b>17.84</b>	<b>9.59</b>	<b>19.25</b>	<b>85.12</b>	<b>33.11</b>	<b>15.86</b>	<b>0.00</b>
<b>MADHYA PRADESH</b>	<b>0.00</b>	<b>73.95</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>MAHARASHTRA</b>	<b>0.00</b>	<b>148.05</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>MIZORAM</b>	<b>1.19</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>NAGALAND</b>	<b>3.57</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>ODISHA</b>	<b>17.76</b>	<b>55.69</b>	<b>32.89</b>	<b>169.74</b>	<b>22.41</b>	<b>36.47</b>	<b>0.00</b>
<b>PUNJAB</b>	<b>0.00</b>	<b>120.30</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>RAJASTHAN</b>	<b>25.54</b>	<b>106.65</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>SIKKIM</b>	<b>0.18</b>	<b>0.22</b>	<b>0.44</b>	<b>13.08</b>	<b>3.63</b>	<b>2.04</b>	<b>0.00</b>
<b>TAMIL NADU</b>	<b>5.88</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>TELENGANA</b>	<b>5.74</b>	<b>11.45</b>	<b>8.96</b>	<b>0.00</b>	<b>0.00</b>	<b>1.09</b>	<b>0.00</b>
<b>UT OF JAMMU &amp; KASHMIR AND LADAKH</b>	<b>30.91</b>	<b>83.40</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>UTTAR PRADESH</b>	<b>76.61</b>	<b>250.95</b>	<b>0.00</b>	<b>0.00</b>	<b>225.96</b>	<b>0.00</b>	<b>0.00</b>
<b>UTTARAKHAND</b>	<b>0.00</b>	<b>28.05</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>WEST BENGAL</b>	<b>64.73</b>	<b>21.21</b>	<b>14.90</b>	<b>13.78</b>	<b>10.15</b>	<b>36.85</b>	<b>0.00</b>

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