GOVERNMENT OF INDIA MINISTRY OF POWER

LOK SABHA UNSTARRED QUESTION NO.2019 ANSWERED ON 31.07.2025

NUCLEAR ENERGY GENERATION CAPACITY

†2019. SHRI BRIJMOHAN AGRAWAL:

Will the Minister of POWER be pleased to state:

- (a) the annual electricity generation in the country and the annual electricity generated during the last three years in each State and Union Territory of the country including Chhattisgarh;
- (b) the present annual capacity of nuclear energy generation in the country and the details of all operational nuclear energy reactors along with their annual capacity;
- (c) the steps being taken by the Ministry to promote the nuclear energy sector;
- (d) the total energy deficit and peak energy deficit in the country during the Financial Year 2024-25; and
- (e) the manner in which the nuclear energy sector is likely to help in reducing this deficit?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI SHRIPAD NAIK)

- (a): The State/UT-wise details of annual electricity generated in the country during the last three years and current year (till May-2025) including Chhattisgarh are given at Annexure-I.
- (b): The present Installed Capacity of Nuclear Generation in India is 8,780 MW (excluding 100 MW of Rajasthan Atomic Power Station-I (RAPS-I), which is under extended shutdown). The list of all operational Nuclear power reactors along with their rated capacity is given at Annexure-II.
- (c): The Government has announced an ambitious Nuclear Energy Mission with a target of reaching a nuclear power capacity of 100 GW by 2047. To facilitate this mission, necessary amendments will be brought in the Atomic Energy Act and Civil Liability for Nuclear Damage Act to enable private investment in nuclear power sector. The Government has also announced measures for enabling R&D in Small Module Reactors (SMRs) and new advanced technologies.

- (d): Power supply position of the country during the year 2024-25 in terms of Energy and Peak is given at Annexure-III. This indicates that the energy deficit and peak deficit in the country during the year 2024-25 was almost Nil.
- (e): Nuclear power is a clean base load source of electricity which is available 24x7. The Greenhouse gas emissions during the total lifecycle of Nuclear power plant is comparable to renewables like Hydro and Wind. The nuclear energy mission announced in the Budget-2025 envisages deployment of 100 GW of nuclear energy by 2047. This initiative will increase the share of nuclear energy in India's energy mix for long term energy transition strategy for Viksit Bharat.

ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2019 ANSWERED IN THE LOK SABHA ON 31.07.2025

The State/UT-wise details of annual electricity generated in the country during the last three years and current year (till May-2025) including Chhattisgarh

(All figures in MUs)

Rame of State/UT Electricity Generated Generated Generated 2022-24 2024-25 2025-26 (Upto May 2025)	(All figures in MUs)										
Andaman & Nicobar 252.45 375.29 413.18 71.38 Andaman & Nicobar 252.45 375.29 92,072.29 16,442.46 Arunachal Pradesh 4,845.79 4,280.73 4,207.04 577.73 Assam 9,153.69 9,429.34 9,708.30 1,420.07 Bhutan 6,742.40 4,716.10 5,484.18 731.51 Bhutan 6,742.40 4,716.10 5,484.18 731.51 Bihar 55,489.06 58,703.88 61,202.85 10,076.56 Chandigarh 12.61 11.70 8.79 1.06 Chhattisgarh 1,44,839.62 1,65,187.83 1,70,076.73 28,823.08 Dadra and Nagar Haveli 30.62 28.86 28.63 5.42 8.00 Dadra and Nagar Haveli 30.62 28.86 28.63 5.42 Manan and Diu 50 50 50 50 50 50 50 50 50 50 50 50 50	Name of State/UT	Electricity	Electricity	Electricity	Electricity						
Andaman & Nicobar 252.45 375.29 413.18 71.38 Andhra Pradesh 81,701.42 90,081.32 92,072.29 16,442.46 Arunachal Pradesh 4,845.79 4,280.73 4,207.04 577.73 Assam 9,153.69 9,429.34 9,708.30 1,420.07 Bhutan 6,742.40 4,716.10 5,484.18 731.51 Bihar 55,489.06 58,703.88 61,202.85 10,076.56 Chandigarh 12.61 11.70 8.79 1.06 Chantisgarh 1,44,839.62 1,65,187.83 1,70,076.73 28,823.08 Dadra and Nagar Haveli 30.62 28.86 28.63 5.42 Baman and Diu Delhi 4,314.50 4,483.95 4,626.96 840.80 Goa 19.96 67.95 65.24 10.87 Gujarat 95,017.30 1,35,398.90 1,57,731.34 30,152.00 Haryana 33,559.00 29,848.93 32,681.55 5,035.18 Himachal Pradesh 41,579.81 38,952.37 42,534.43 8,029.20 Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.96 Kerata 93,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 413.06 84.86 Ladakh 402.78 388.48 413.06 84.86 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Mahayana 266.40 217.74 317.79 18.89 Magaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.22 Sikkim 1,709.44 8,622.0 2,025.02 314.25 Flannin Mad		Generated	Generated	Generated	Generated						
Andaman & Nicobar Andhra Pradesh Andhra Pradesh Al,701-42 Arunachal Pradesh Al,701-42 Arunachal Pradesh Al,845.79 Al,280.73 Assam Alssam Alssa		2022-23	2023-24	2024-25	2025-26						
Andhra Pradesh					(Upto May 2025)						
Arunachal Pradesh 4,845.79 4,280.73 4,207.04 577.73 Assam 9,153.69 9,429.34 9,708.30 1,420.07 Bhutan 6,742.40 4,716.10 5,484.18 731.51 Bihar 55,489.06 58,703.88 61,202.85 10,076.56 Chandigarh 12.61 11.70 8.79 1.06 Chattisgarh 1,44,839.62 1,65,187.83 1,70,076.73 28,823.08 Dadra and Nagar Haveli 30.62 28.86 28.63 5.42 & Daman and Diu 67.95 65.24 10.87 Goa 19.96 67.95 65.24 10.87 Gujarat 95,017.30 1,35,398.90 1,57,731.34 30,152.00 Haryana 33,559.00 29,848.93 32,681.55 5,035.18 Himachal Pradesh 41,579.81 38,952.37 42,534.43 8,029.20 Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.96 Jarkhand 30,800.35 35,984.77 39,105.22	Andaman & Nicobar	252.45	375.29	413.18	71.38						
Assam	Andhra Pradesh	81,701.42	90,081.32	92,072.29	16,442.46						
Bhutan 6,742.40 4,716.10 5,484.18 731.51 Bihar 55,489.06 58,703.88 61,202.85 10,076.56 Chandigarh 12.61 11.70 8.79 1.06 Chhattisgarh 1,44,839.62 1,65,187.83 1,70,076.73 28,823.08 Dadra and Nagar Haveli 30.62 28.86 28.63 5.42 B Daman and Diu 4,314.50 4,483.95 4,626.96 840.80 Goa 19.96 67.95 65.24 10.87 Gujarat 95,017.30 1,35,398.90 1,57,731.34 30,152.00 Haryana 33,559.00 29,848.93 32,681.55 5,035.18 Himachal Pradesh 41,579.81 38,952.37 42,534.43 8,029.20 Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.95 Jharkhand 30,800.35 35,984.77 39,105.22 5,874.21 Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359	Arunachal Pradesh	4,845.79	4,280.73	4,207.04	577.73						
Bihar 55,489.06 58,703.88 61,202.85 10,076.56 Chandigarh 12.61 11.70 8.79 1.06 Chhattisgarh 1,44,839.62 1,65,187.83 1,70,076.73 28,823.08 Dadra and Nagar Haveli 30.62 28.86 28.63 5.42 Baran and Diu Boan and Diu 28.6 28.69 840.80 Goa 19.96 67.95 65.24 10.87 Gujarat 95,017.30 1,35,398.90 1,57,731.34 30,152.00 Haryana 33,559.00 29,848.93 32,681.55 5,035.18 Himachal Pradesh 41,579.81 38,952.37 42,534.43 8,029.20 Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.96 Jharkhand 30,800.35 35,984.77 39,105.22 5,874.21 Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 <td>Assam</td> <td>9,153.69</td> <td>9,429.34</td> <td>9,708.30</td> <td>1,420.07</td>	Assam	9,153.69	9,429.34	9,708.30	1,420.07						
Chandigarh 12.61 11.70 8.79 1.06 Chhattisgarh 1,44,839.62 1,65,187.83 1,70,076.73 28,823.08 Dadra and Nagar Haveli 30.62 28.86 28.63 5.42 & Daman and Diu 28.86 28.63 5.42 Board 60 4,483.95 4,626.96 840.80 Goa 19.96 67.95 65.24 10.87 Gujarat 95,017.30 1,35,398.90 1,57,731.34 30,152.00 Haryana 33,559.00 29,848.93 32,681.55 5,035.18 Himachal Pradesh 41,579.81 38,952.37 42,534.43 8,029.20 Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.96 Jarkhand 30,800.35 35,984.77 39,105.22 5,874.21 Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladshadweep 15.12 64.88 67.03 12	Bhutan	6,742.40	4,716.10	5,484.18	731.51						
Chhattisgarh 1,44,839.62 1,65,187.83 1,70,076.73 28,823.08 Dadra and Nagar Haveli 30.62 28.86 28.63 5.42 & Daman and Diu	Bihar	55,489.06	58,703.88	61,202.85	10,076.56						
Dadra and Nagar Haveli	Chandigarh	12.61	11.70	8.79	1.06						
& Daman and Diu Delhi 4,314.50 4,483.95 4,626.96 840.80 Goa 19.96 67.95 65.24 10.87 Gujarat 95,017.30 1,35,398.90 1,57,731.34 30,152.00 Haryana 33,559.00 29,848.93 32,681.55 5,035.18 Himachal Pradesh 41,579.81 38,952.37 42,534.43 8,029.20 Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.96 Jharkhand 30,800.35 35,984.77 39,105.22 5,874.21 Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 413.06 84.86 Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Malipur	Chhattisgarh	1,44,839.62	1,65,187.83	1,70,076.73	28,823.08						
Delhi 4,314.50 4,483.95 4,626.96 840.80 Goa 19.96 67.95 65.24 10.87 Gujarat 95,017.30 1,35,398.90 1,57,731.34 30,152.00 Haryana 33,559.00 29,848.93 32,681.55 5,035.18 Himachal Pradesh 41,579.81 38,952.37 42,534.43 8,029.20 Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.96 Jharkhand 30,800.35 35,984.77 39,105.22 5,874.21 Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 413.06 84.86 Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Mizoram 266.40 247.74 <td>Dadra and Nagar Haveli</td> <td>30.62</td> <td>28.86</td> <td>28.63</td> <td>5.42</td>	Dadra and Nagar Haveli	30.62	28.86	28.63	5.42						
Goa 19.96 67.95 65.24 10.87 Gujarat 95,017.30 1,35,398.90 1,57,731.34 30,152.00 Haryana 33,559.00 29,848.93 32,681.55 5,035.18 Himachal Pradesh 41,579.81 38,952.37 42,534.43 8,029.20 Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.96 Jharkhand 30,800.35 35,984.77 39,105.22 5,874.21 Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 413.06 84.86 Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74<	& Daman and Diu										
Gujarat 95,017.30 1,35,398.90 1,57,731.34 30,152.00 Haryana 33,559.00 29,848.93 32,681.55 5,035.18 Himachal Pradesh 41,579.81 38,952.37 42,534.43 8,029.20 Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.96 Jharkhand 30,800.35 35,984.77 39,105.22 5,874.21 Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 413.06 84.86 Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 <t< td=""><td>Delhi</td><td>4,314.50</td><td>4,483.95</td><td>4,626.96</td><td>840.80</td></t<>	Delhi	4,314.50	4,483.95	4,626.96	840.80						
Haryana 33,559.00 29,848.93 32,681.55 5,035.18 Himachal Pradesh 41,579.81 38,952.37 42,534.43 8,029.20 Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.96 Jharkhand 30,800.35 35,984.77 39,105.22 5,874.21 Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 413.06 84.86 Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89<	Goa	19.96	67.95	65.24	10.87						
Himachal Pradesh 41,579.81 38,952.37 42,534.43 8,029.20 Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.96 Jharkhand 30,800.35 35,984.77 39,105.22 5,874.21 Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 413.06 84.86 Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 <td< td=""><td>Gujarat</td><td>95,017.30</td><td>1,35,398.90</td><td>1,57,731.34</td><td>30,152.00</td></td<>	Gujarat	95,017.30	1,35,398.90	1,57,731.34	30,152.00						
Jammu and Kashmir 17,170.62 16,282.93 15,595.82 3,780.96 Jharkhand 30,800.35 35,984.77 39,105.22 5,874.21 Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 413.06 84.86 Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 <td>Haryana</td> <td>33,559.00</td> <td>29,848.93</td> <td>32,681.55</td> <td>5,035.18</td>	Haryana	33,559.00	29,848.93	32,681.55	5,035.18						
Jharkhand 30,800.35 35,984.77 39,105.22 5,874.21 Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 413.06 84.86 Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23	Himachal Pradesh	41,579.81	38,952.37	42,534.43	8,029.20						
Karnataka 85,189.36 91,468.95 1,00,182.18 16,907.17 Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 413.06 84.86 Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79	Jammu and Kashmir	17,170.62	16,282.93	15,595.82	3,780.96						
Kerala 9,935.38 7,359.96 9,458.66 1,735.62 Ladakh 402.78 388.48 413.06 84.86 Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 3	Jharkhand	30,800.35	35,984.77	39,105.22	5,874.21						
Ladakh 402.78 388.48 413.06 84.86 Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92	Karnataka	85,189.36	91,468.95	1,00,182.18	16,907.17						
Lakshadweep 15.12 64.88 67.03 12.26 Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 6	Kerala	9,935.38	7,359.96	9,458.66	1,735.62						
Madhya Pradesh 1,52,020.26 1,64,779.83 1,66,290.81 27,634.41 Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32	Ladakh	402.78	388.48	413.06	84.86						
Maharashtra 1,58,993.39 1,69,037.91 1,70,242.07 30,463.61 Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 <t< td=""><td>Lakshadweep</td><td>15.12</td><td>64.88</td><td>67.03</td><td>12.26</td></t<>	Lakshadweep	15.12	64.88	67.03	12.26						
Manipur 486.77 307.14 715.05 30.82 Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16	Madhya Pradesh	1,52,020.26	1,64,779.83	1,66,290.81	27,634.41						
Meghalaya 1,052.41 875.13 1,022.23 189.06 Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Maharashtra	1,58,993.39	1,69,037.91	1,70,242.07	30,463.61						
Mizoram 266.40 217.74 317.79 18.89 Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Manipur	486.77	307.14	715.05	30.82						
Nagaland 289.32 246.61 313.64 11.10 Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Meghalaya	1,052.41	875.13	1,022.23	189.06						
Odisha 71,529.15 73,443.73 76,221.89 13,617.23 Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Mizoram	266.40	217.74	317.79	18.89						
Puducherry 245.31 236.34 217.19 10.29 Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Nagaland	289.32	246.61	313.64	11.10						
Punjab 40,075.39 41,261.67 40,848.23 6,595.28 Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Odisha	71,529.15	73,443.73	76,221.89	13,617.23						
Rajasthan 1,05,963.47 1,16,845.30 1,30,771.79 24,665.97 Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Puducherry	245.31	236.34	217.19	10.29						
Sikkim 11,709.14 8,622.20 2,025.02 314.25 Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Punjab	40,075.39	41,261.67	40,848.23	6,595.28						
Tamil Nadu 1,16,688.02 1,23,311.63 1,30,124.92 20,675.49 Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Rajasthan	1,05,963.47	1,16,845.30	1,30,771.79	24,665.97						
Telangana 64,178.16 65,666.12 69,881.68 11,925.68 Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Sikkim	11,709.14	8,622.20	2,025.02	314.25						
Tripura 7,086.06 6,360.32 5,105.62 871.18 Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Tamil Nadu	1,16,688.02	1,23,311.63	1,30,124.92	20,675.49						
Uttar Pradesh 1,63,447.06 1,65,051.58 1,75,196.84 31,096.57 Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Telangana	64,178.16	65,666.12	69,881.68	11,925.68						
Uttarakhand 16,368.16 15,459.95 16,955.30 2,410.80	Tripura	7,086.06	6,360.32	5,105.62	871.18						
	Uttar Pradesh	1,63,447.06	1,65,051.58	1,75,196.84	31,096.57						
West Bengal 92,995.30 94,250.84 97,784.38 16,176.99	Uttarakhand	16,368.16	15,459.95	16,955.30	2,410.80						
	West Bengal	92,995.30	94,250.84	97,784.38	16,176.99						
Grand Total 16,24,465.61 17,39,091.19 18,29,697.94 3,17,320.01	Grand Total	16,24,465.61	17,39,091.19	18,29,697.94	3,17,320.01						

ANNEXURE REFERRED IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 2019 ANSWERED IN THE LOK SABHA ON 31.07.2025

List of all operational Nuclear power reactors along with their rated capacity

Sr. No	Reactor and Location	Capacity (MW)		
1	RAPS-2, Rawatbhata, Rajasthan	200		
2	TAPS-1, Tarapur, Maharashtra	160		
3	TAPS-2, Tarapur, Maharashtra	160		
4	MAPS-1, Kalpakkam, Tamil Nadu	220		
5	MAPS-2, Kalpakkam, Tamil Nadu	220		
6	NAPS-1, Narora, Uttar Pradesh	220		
7	NAPS-2, Narora, Uttar Pradesh	220		
8	KAPS-1, Kakrapar, Gujarat	220		
9	KAPS-2, Kakrapar, Gujarat	220		
10	RAPS-3, Rawatbhata, Rajasthan	220		
11	RAPS-4, Rawatbhata, Rajasthan	220		
12	RAPS-5, Rawatbhata, Rajasthan	220		
13	RAPS-6, Rawatbhata, Rajasthan	220		
14	KAIGA-1, Kaiga, Karnataka	220		
15	KAIGA-2, Kaiga, Karnataka	220		
16	KAIGA-3, Kaiga, Karnataka	220		
17	KAIGA-4, Kaiga, Karnataka	220		
18	TAPS-3, Tarapur, Maharashtra	540		
19	TAPS-4, Tarapur, Maharashtra	540		
20	KAPS-3, Kakrapar, Gujarat	700		
21	KAPS-3, Kakrapar, Gujarat	700		
22	KKNPP-1, Kudankulam, Tamil Nadu	1,000		
23	KKNPP-2, Kudankulam, Tamil Nadu	1,000		
24	RAPS-7, Rawatbhata, Rajasthan,	700		

RAPS: Rajasthan Atomic Power Station
TAPS: Tarapur Atomic Power Station
MAPS: Madras Atomic Power Station
NAPS: Narora Atomic Power Station
KAPS: Kakrapar Atomic Power Station
KKNPP: Kudankulam Nuclear Power Plant

ANNEXURE-III

ANNEXURE REFERRED IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 2019 ANSWERED IN THE LOK SABHA ON 31.07.2025

The total energy deficit and peak energy deficit in the country during the financial year 2024-25

Years	Energy				Peak			
	Energy Requiremen t	Energy Supplied	Energy not Supplied		Peak Demand	Peak Met	Demand not Met	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
2024- 25	16,93,959	16,92,369	1,590	0.1	2,49,856	2,49,854	2	0.0
