

FROM POWER DEFICIT TO POWER SUFFICIENT

प्रविष्टि तिथि: 29 JAN 2026 3:48PM by PIB Delhi

There is adequate availability of power in the country. Present installed generation capacity of the country is 513.730 GW. Government of India has addressed the critical issue of power deficiency by adding 289.607 GW of fresh generation capacity since April, 2014 transforming the country from power deficit to power sufficient.

The State/ UT-wise details of Power Supply Position, including Maharashtra, for the last three years and the current FY i.e. 2025-26 (upto December, 2025) are attached below. These details indicate that Energy Supplied has been commensurate to the Energy Requirement with only a marginal gap which is generally on account of constraints in the State transmission/distribution network. Hence there is no impact of shortage on the economy and industrial growth.

Further, Electricity being a concurrent subject, the supply and distribution of electricity to the various categories of consumers/areas/districts in a State/UT is within the purview of the respective State Government/Power Utility. The Central Government supplements the efforts of the State Governments by establishing power plants in Central Sector through Central Public Sector Undertakings (CPSUs) and allocating power from them to the various States / UTs.

The Government have taken the following steps to meet the increasing demand of electricity in the country:

1. Generation Planning:

- i. As per National Electricity Plan (NEP), installed generation capacity in 2031-32 is likely to be 874 GW. With a view to ensure generation capacity remains ahead of projected peak demand, all the States, in consultation with CEA, have prepared their "Resource Adequacy Plans (RAPs)", which are dynamic 10 year rolling plans and includes power generation as well as power procurement planning.
- ii. All the States were advised to initiate process for creating/ contracting generation capacities; from all generation sources, as per their Resource Adequacy Plans.
- iii. In order to augment the power generation capacity, the Government of India has initiated following capacity addition programme:

(A) The projected thermal (coal and lignite) capacity requirement by the year 2034–35 is estimated at approximately 3,07,000 MW as against the 2,11,855 MW installed capacity as on 31.03.2023. To meet this requirement, Ministry of Power has envisaged to set up an additional minimum 97,000 MW coal and lignite based thermal capacity. To meet this requirement, several initiatives have already been undertaken. Thermal capacities of around 17,360 MW have already been commissioned since April 2023 till 20.01.2026. In addition, 39,545 MW of thermal capacity (including 4,845 MW of stressed thermal power projects) is currently under construction. The contracts of 22,920 MW have been awarded and is due for construction. Further, 24,020 MW of coal and lignite-based candidate capacity has been identified which is at various stages of planning in the country.

(B) 12,973.5 MW of Hydro Electric Projects are under construction. Further, 4,274 MW of Hydro Electric Projects are under various stage of planning and targeted to be completed by 2031-32.

(C) 6,600 MW of Nuclear Capacity is under construction and targeted to be completed by 2029-30. 7,000 MW of Nuclear Capacity is under various stages of planning and approval.

(D) 1,57,800 MW Renewable Capacity including 67,280 MW of Solar, 6,500 MW of Wind and 60,040 MW Hybrid power is under construction while 48,720 MW of Renewable Capacity including 35,440 MW of Solar and 11,480 MW Hybrid Power is at various stages of planning and targeted to be completed by 2029-30.

(E) In energy storage systems, 11,620 MW/69,720 MWh Pumped Storage Projects (PSPs) are under construction. Further, a total of 6,580 MW/39,480 MWh capacity of Pumped Storage Projects (PSPs) are concurred and yet to be taken up for construction. Currently, 9,653.94 MW/26,729.32 MWh Battery Energy Storage System (BESS) capacity are under construction and 19,797.65 MW/ 61,013.40 MWh BESS capacity are under tendering stage

2. **Transmission Planning:** Inter and Intra-State Transmission System has been planned and implementation of the same is taken up in matching time frame of generation capacity addition. As per the National Electricity Plan, about 1,91,474 ckm of transmission lines and 1,274 GVA of transformation capacity is planned to be added (at 220 kV and above voltage level) during the ten year period from 2022-23 to 2031-32.

3. **Promotion of Renewable Energy Generation:**

- i. Inter State Transmission System (ISTS) charges have been waived for inter-state sale of solar and wind power for projects to be commissioned by 30th June 2025, for Green Hydrogen Projects till December 2030 and for offshore wind projects till December 2032.
- ii. Standard Bidding Guidelines for tariff based competitive bidding process for procurement of Power from Grid Connected Solar, Wind, Wind-Solar Hybrid and Firm & Dispatchable RE (FDRE) projects have been issued.

- iii. Renewable Energy Implementing Agencies (REIAs) are regularly inviting bids for procurement of RE power.
- iv. Foreign Direct Investment (FDI) has been permitted up to 100 percent under the automatic route.
- v. To augment transmission infrastructure needed for steep RE trajectory, transmission plan has been prepared till 2032.
- vi. Laying of new intrastate transmission lines and creating new sub-station capacity has been funded under the Green Energy Corridor Scheme for evacuation of renewable power.
- vii. Scheme for setting up of Solar Parks and Ultra Mega Solar Power projects is being implemented to provide land and transmission to RE developers for installation of RE projects at large scale
- viii. Schemes such as Pradhan Mantri Kisan Urja Surakshaevam Utthaan Mahabhiyan (PM-KUSUM), PM Surya Ghar Muft Bijli Yojana, National Programme on High Efficiency Solar Dharti Aabha Janjatiya Gram Utkarsh Abhiyan (DA JGUA), National Green Hydrogen Mission, Viability Gap Funding (VGF) Scheme for Offshore Wind Energy Projects have been launched
- ix. To encourage RE consumption, Renewable Purchase Obligation (RPO) followed by Renewable Consumption Obligation (RCO) trajectory has been notified till 2029-30. The RCO which is applicable to all designated consumers under the Energy Conservation Act, 2001 will attract penalties on non-compliance.
- x. “Strategy for Establishment of Offshore Wind Energy Projects” has been issued.
- xi. Green Term Ahead Market (GTAM) has been launched to facilitate sale of Renewable Energy Power through exchanges.
- xii. Production Linked Incentive (PLI) scheme has been launched to achieve the objective of localisation of supply chain for solar PV Modules.

The State-wise detail of Power Supply Position in the country in terms of Energy for the year 2022-23 and 2023-24.

State/ System / Region	April, 2022 - March, 2023				April, 2023 - March, 2024			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Chandigarh	1,788	1,788	0	0	1,789	1,789	0	0
Delhi	35,143	35,133	10	0	35,501	35,496	5	0
Haryana	61,451	60,945	506	0.8	63,983	63,636	348	0.5
Himachal Pradesh	12,649	12,542	107	0.8	12,805	12,767	38	0.3
Jammu & Kashmir	19,639	19,322	317	1.6	20,040	19,763	277	1.4
Punjab	69,522	69,220	302	0.4	69,533	69,528	5	0

State/ System / Region	April, 2022 - March, 2023				April, 2023 - March, 2024			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Rajasthan	1,01,801	1,00,057	1,745	1.7	1,07,422	1,06,806	616	0.6
Uttar Pradesh	1,44,251	1,43,050	1,201	0.8	1,48,791	1,48,287	504	0.3
Uttarakhand	15,647	15,386	261	1.7	15,644	15,532	112	0.7
Northern Region	4,63,088	4,58,640	4,449	1	4,76,852	4,74,946	1,906	0.4
Chhattisgarh	37,446	37,374	72	0.2	39,930	39,872	58	0.1
Gujarat	1,39,043	1,38,999	44	0	1,45,768	1,45,740	28	0
Madhya Pradesh	92,683	92,325	358	0.4	99,301	99,150	151	0.2
Maharashtra	1,87,309	1,87,197	111	0.1	2,07,108	2,06,931	176	0.1
Dadra & Nagar Haveli and Daman & Diu	10,018	10,018	0	0	10,164	10,164	0	0
Goa	4,669	4,669	0	0	5,111	5,111	0	0
Western Region	4,77,393	4,76,808	586	0.1	5,17,714	5,17,301	413	0.1
Andhra Pradesh	72,302	71,893	410	0.6	80,209	80,151	57	0.1
Telangana	77,832	77,799	34	0	84,623	84,613	9	0
Karnataka	75,688	75,663	26	0	94,088	93,934	154	0.2
Kerala	27,747	27,726	21	0.1	30,943	30,938	5	0

State/ System / Region	April, 2022 - March, 2023				April, 2023 - March, 2024			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Tamil Nadu	1,14,798	1,14,722	77	0.1	1,26,163	1,26,151	12	0
Puducherry	3,051	3,050	1	0	3,456	3,455	1	0
Lakshadweep	64	64	0	0	64	64	0	0
Southern Region	3,71,467	3,70,900	567	0.2	4,19,531	4,19,293	238	0.1
Bihar	39,545	38,762	783	2	41,514	40,918	596	1.4
DVC	26,339	26,330	9	0	26,560	26,552	8	0
Jharkhand	13,278	12,288	990	7.5	14,408	13,858	550	3.8
Odisha	42,631	42,584	47	0.1	41,358	41,333	25	0.1
West Bengal	60,348	60,274	74	0.1	67,576	67,490	86	0.1
Sikkim	587	587	0	0	544	543	0	0
Andaman- Nicobar	348	348	0	0.12914	386	374	12	3.1
Eastern Region	1,82,791	1,80,888	1,903	1	1,92,013	1,90,747	1,266	0.7
Arunachal Pradesh	915	892	24	2.6	1,014	1,014	0	0
Assam	11,465	11,465	0	0	12,445	12,341	104	0.8
Manipur	1,014	1,014	0	0	1,023	1,008	15	1.5
Meghalaya	2,237	2,237	0	0	2,236	2,066	170	7.6
Mizoram	645	645	0	0	684	684	0	0

State/ System / Region	April, 2022 - March, 2023				April, 2023 - March, 2024			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Nagaland	926	873	54	5.8	921	921	0	0
Tripura	1,547	1,547	0	0	1,691	1,691	0	0
North-Eastern Region	18,758	18,680	78	0.4	20,022	19,733	289	1.4
All India	15,13,497	15,05,914	7,583	0.5	16,26,132	16,22,020	4,112	0.3

The State-wise detail of actual Power Supply Position in the country in terms of Energy for the years 2024-25 and the current year 2025-26 (uptoDecember, 2025).

State/ System / Region	April, 2024 - March, 2025				April, 2025 - December, 2025			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Chandigarh	1,952	1,952	0	0	1,509	1,509	1	0.0
Delhi	38,255	38,243	12	0	31,011	31,004	7	0.0
Haryana	70,149	70,120	30	0	55,932	55,867	65	0.1
Himachal Pradesh	13,566	13,526	40	0.3	10,295	10,259	36	0.3
Jammu & Kashmir	20,374	20,283	90	0.4	14,874	14,862	12	0.1
Punjab	77,423	77,423	0	0	60,852	60,811	41	0.1

State/	April, 2024 - March, 2025				April, 2025 - December, 2025			
System /	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
Region	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Rajasthan	1,13,833	1,13,529	304	0.3	82,782	82,782	0	0.0
Uttar Pradesh	1,65,090	1,64,786	304	0.2	1,29,271	1,29,245	26	0.0
Uttarakhand	16,770	16,727	43	0.3	12,634	12,585	49	0.4
Northern Region	5,18,869	5,17,917	952	0.2	4,00,371	4,00,135	236	0.1
Chhattisgarh	43,208	43,180	28	0.1	31,484	31,475	8	0.0
Gujarat	1,51,878	1,51,875	3	0	1,18,066	1,18,066	0	0.0
Madhya Pradesh	1,04,445	1,04,312	133	0.1	75,024	75,017	7	0.0
Maharashtra	2,01,816	2,01,757	59	0	1,49,339	1,49,330	9	0.0
Dadra & Nagar Haveli and Daman & Diu	10,852	10,852	0	0	8,437	8,437	0	0.0
Goa	5,411	5,411	0	0	4,085	4,085	0	0.0
Western Region	5,28,924	5,28,701	223	0	3,96,482	3,96,458	24	0.0
Andhra Pradesh	79,028	79,025	3	0	59,580	59,574	6	0.0
Telangana	88,262	88,258	4	0	61,137	61,130	7	0.0
Karnataka	92,450	92,446	4	0	67,697	67,687	9	0.0

State/	April, 2024 - March, 2025				April, 2025 - December, 2025			
System /	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
Region	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Kerala	31,624	31,616	8	0	22,947	22,945	2	0.0
Tamil Nadu	1,30,413	1,30,408	5	0	99,673	99,664	10	0.0
Puducherry	3,549	3,549	0	0	2,693	2,690	3	0.1
Lakshadweep	68	68	0	0	54	54	0	0.0
Southern Region	4,25,373	4,25,349	24	0	3,13,762	3,13,724	38	0.0
Bihar	44,393	44,217	176	0.4	37,299	37,283	15	0.0
DVC	25,891	25,888	3	0	18,590	18,587	3	0.0
Jharkhand	15,203	15,126	77	0.5	11,717	11,711	6	0.1
Odisha	42,882	42,858	24	0.1	34,037	34,032	5	0.0
West Bengal	71,180	71,085	95	0.1	56,921	56,888	32	0.1
Sikkim	574	574	0	0	378	378	0	0.0
Andaman-Nicobar	425	413	12	2.9	316	299	17	5.5
Eastern Region	2,00,180	1,99,806	374	0.2	1,58,986	1,58,924	62	0.0
Arunachal Pradesh	1,050	1,050	0	0	909	909	0	0.0
Assam	12,843	12,837	6	0	10,973	10,973	0	0.0
Manipur	1,079	1,068	10	0.9	863	861	3	0.3

State/	April, 2024 - March, 2025				April, 2025 - December, 2025			
System /	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
Region	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Meghalaya	2,046	2,046	0	0	1,542	1,542	0	0.0
Mizoram	709	709	0	0	559	559	0	0.0
Nagaland	938	938	0	0	772	772	0	0.0
Tripura	1,939	1,939	0	0	1,523	1,523	0	0.0
North-Eastern Region	20,613	20,596	16	0.1	17,227	17,224	3	0.0
All India	16,93,959	16,92,369	1,590	0.1	12,86,829	12,86,465	363	0.0

This Information was given by The Minister of State in the Ministry of Power, Shri Shripad Naik, in a written reply in the Lok Sabha today.

NR/MD

(रिलीज़ आईडी: 2220087) आगंतुक पटल : 275
इस विज्ञप्ति को इन भाषाओं में पढ़ें: हिन्दी