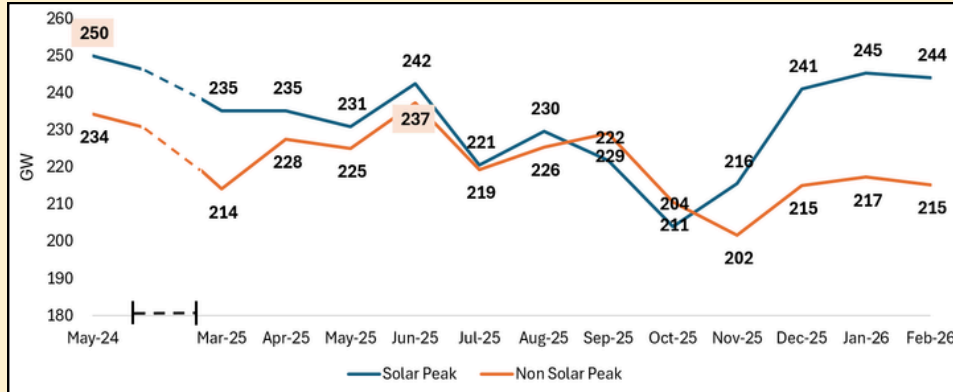


MONTHLY SNAPSHOT

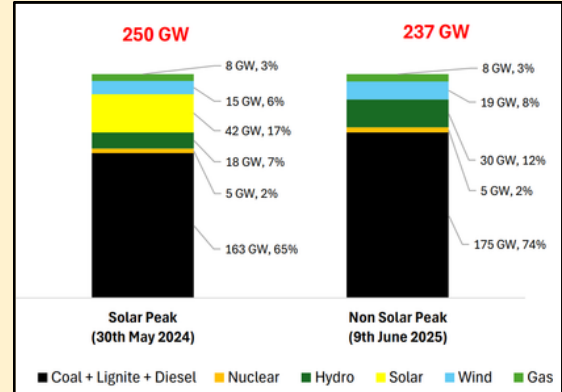
INDIA POWER SECTOR: FEBRUARY 2026

Figure 1: PEAK DEMAND MONTHLY TREND



Note: 1) Solar Peak (244 GW) on 13th February 2026 @09:56 hrs
 2) Non Solar Peak (215 GW) on 14th February 2026 @18:54 hrs
Source: Grid India

Figure 2: Source-wise contribution in Peak Demand [EFFECTIVE CAPACITIES]



Note: Contribution mix at the maximum peak recorded in last 15 months with Solar Peak recorded on 30th May 2024 at 14:57 hours and Non-Solar Peak recorded on 9th June 2025 at 22:46 hours;
Source: Grid India

Table 1: INSTALLED CAPACITY (GW)

Source	2030 Target	Under Planning*	Under Construction	Feb-26	Y-o-Y Growth
Fossil Sources	277	47	35	249	0%
Thermal					
Coal & Lignite	252	47	35	228	3%
Diesel & Gas	25			21	-20%
Non-Fossil Sources	482	107	144	275	24%
Nuclear	15	7	6	9	7%
Hydro					
Large^	54	21	13	51	9%
Small	5			5	1%
Solar					
Ground Mounted Solar	293	37	101	109	40%
Solar Rooftop				25	49%
Hybrid Solar				4	23%
Off-grid Solar/KUSUM				6	25%
Wind	100	21	24	55	13%
Other	15	21		12	1%
Total	759	153	179	524	11%
Pumped Storage Plants	19	10	13	7	51%
Battery Energy Storage System (GW/GWh)	41.65/ 208.25		25.41/ 77.09	-	-

Note: *Data extracted from Reply by MoP to Lok Sabha Unstarred Question No. 1904 dated 11/12/2025 and Lok Sabha Unstarred Question No. 641 dated 05/02/2026;

^Large Hydro includes Pumped Storage Plants.

Source: Central Electricity Authority; Ministry of New and Renewable Energy; Optimal Generation Mix Report; Parliament Q&A, Ministry of Power (Power Sector at a Glance "ALL INDIA")

Table 2: MONTHLY GENERATION (BU)

Source	Feb-26	Y-o-Y Growth
Thermal	107	-3.0% ↓
Nuclear	5	18% ↑
Hydro		
Large	8	10% ↑
Small	0.2	-73% ↓
Solar	16	20% ↑
Wind	5	1% ↑
Other (Biomass, Bagasse)	0.6	-73% ↓
Total	141	-0.8% ↓

Note: Generation through Renewable Energy sources is prepared from Cumulative Daily generation reports of February 2026 which does not capture SHP separately. Hence, SHP generation has been provisionally kept in the same ratio as of 'SHP: Others' as per February 2025.

Source: Central Electricity Authority

Table 3: TRANSMISSION INFRASTRUCTURE

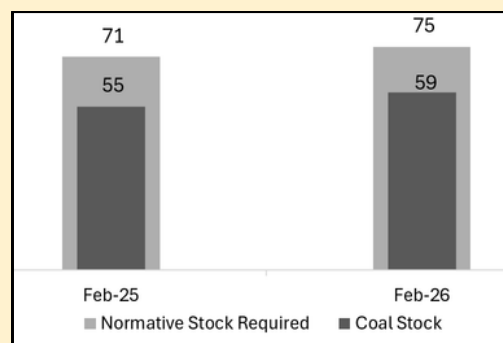
Parameter	NEP Target (2032)	Under Planning [^]	Under Construction*	Feb-26	Y-o-Y Growth
Total Transmission Line Capacity (≥ 220 kV) ('000 ckm)	648	77	68	504	2%
ISTS	295	43	32	219	3%
InSTS	354	33	36	285	2%
Transformation capacity ('000 MVA)	2,412	530	453	1429	9%
ISTS	1,281	348	318	615	13%
InSTS	1,131	182	134	814	6%
Inter-regional Trans. Capacity (GW)	168			120	1%

Note: [^]Considering capacity to be added during FY 2027-32 as under planning stage;

^{*}Considering capacity to be added during FY 2022-27 as under construction stage

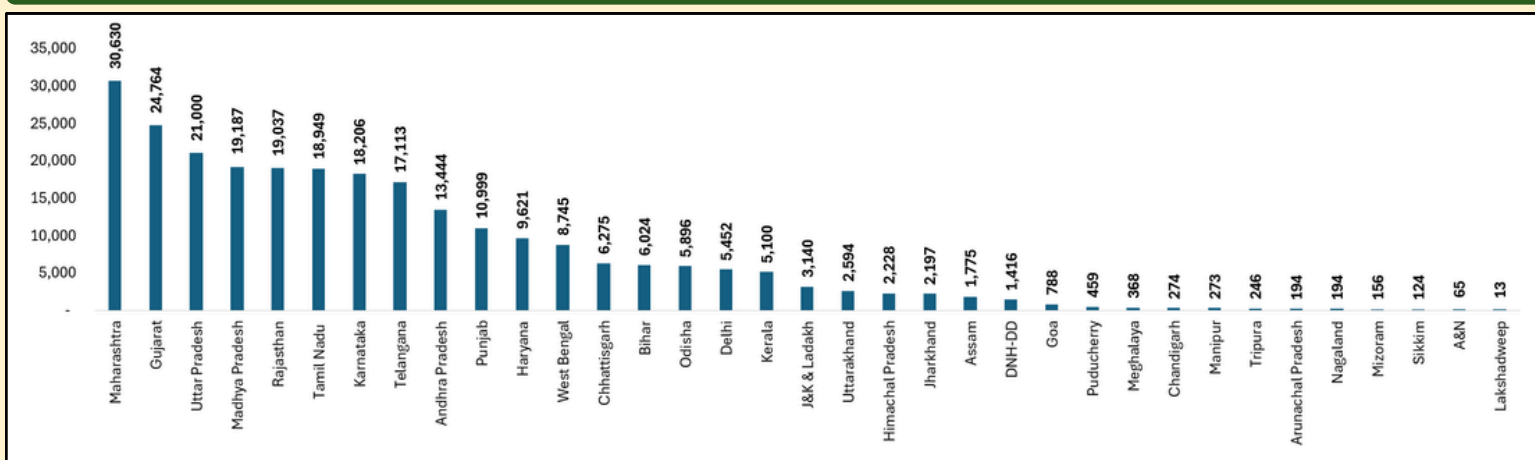
Source: NEP: National Electricity Plan (Volume II) Transmission; Central Electricity Authority

Figure 3: COAL STOCK (million metric tonnes)



Source: National Power Portal

Figure 4: STATE-WISE PEAK DEMAND (MW) IN FEBRUARY 2026



Source: Central Electricity Authority

KEY HIGHLIGHTS

1. NTPC is planning for 30 GW nuclear capacity by 2047. ASHVINI a JV between NTPC & NPCIL is planning to establish 4×700 MW Nuclear project in Rajasthan, and NTPC incorporated a subsidiary NTPC Parmanu Urja Nigam Limited (NPUNL).
2. Power Finance Corporation and Rural Electrification Corporation boards have approved merger of the two organisations, aiming to enhance efficiency and align with current power sector needs.

[All data was last accessed on 23rd March 2026]



POWER FOUNDATION OF INDIA

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