

India's Installed Solar Capacity, January 2020 to August 2026

Ministry of New and Renewable Energy (MNRE), Government of India

1. Executive Summary

- India's installed solar capacity stood at 168.0 GW in August 2026, up from 34.0 GW in January 2020.
- Rajasthan leads all states with 44.4 GW. Gujarat added the most of any state over the past year, 12.1 GW.
- Capacity in August 2026 is more than double the 73.3 GW recorded in December 2023.

2. Key Metrics & Calculations

- 44.9 GW added in a year:** $(168040.05 - 123130.13) \text{ MW} / 1000$, comparing August 2026 with a year earlier.
- 123 MW per day:** $(168040.05 - 123130.13) \text{ MW} / 365 \text{ days}$, rounded.
- 57% of renewable capacity:** $168040.05 / 295554.37 \times 100$, rounded. The same share was 41% in December 2023.
- Rooftop solar, 32.6 GW:** 56% higher than a year earlier, including PM Surya Ghar installations.

3. State-by-State / Regional Data

Rank	State	Installed solar, Aug 2026	Note from the data
1	Rajasthan	44.4 GW	Led every month since August 2021
2	Gujarat	34.9 GW	Added 12.1 GW in the past year, the most of any state
3	Maharashtra	20.4 GW	–
4	Tamil Nadu	14.4 GW	–
5	Karnataka	12.0 GW	Led all states in January 2020

4. Methodology & Scope

- Data Period:** January 2020 to August 2026, monthly readings.
- Scope:** Installed capacity by state, all solar categories as reported by MNRE, including rooftop. Capacity is reported in MW and converted to GW.

- **Primary Source:** Ministry of New and Renewable Energy, Government of India, published through MoSPI eSankhyiki under the Government Open Data License – India (GODL-India).
- **Verification Link:** [MoSPI eSankhyiki portal](#). Raw files, retrieval times and SHA-256 hashes are listed under Sources below.

Sources

File	Publisher	Retrieved	Licence	SHA-256
mnre_solar	Ministry of New and Renewable Energy (MNRE), Government of India, via MoSPI eSankhyiki	2026-10-27	Government Open Data License - India (GODL-India)	e3bf30ecba548b23a37507fd9c8bffee7a25978cbde9845e71c8d173bc03c77
mnre_total	Ministry of New and Renewable Energy (MNRE), Government of India, via MoSPI eSankhyiki	2026-10-27	Government Open Data License - India (GODL-India)	78d3d5aec3a43622dcca3288bbd8085b54b148c2081774ff07320b6df5490542

QRefine: Indian government data, refined. Data: Government of India, GODL-India. Page: /india-solar-capacity-2026/