

# Pradhan Mantri Suryodaya Yojana

## Why In The News?

- Prime Minister Narendra Modi On January 22 Announced The '**Pradhan Mantri Suryodaya Yojana**', A Government Scheme Under Which One Crore Households Will Get Rooftop Solar Power Systems.
- This Isn't The First Scheme For Promoting The Installation Of Rooftop Solar Power Systems, Though. In 2014, The Government Launched **The Rooftop Solar Programme** That Aimed To Achieve A Cumulative **Installed Capacity Of 40,000 Megawatts (MW) Or 40 Gigawatts (GW) By 2022**.
- However, This Target Couldn't Be Achieved. As A Result, The Government **Extended The Deadline From 2022 To 2026**. The Pradhan Mantri Suryodaya Yojana Seems To Be A New Attempt To Help Reach The Target Of 40 GW Rooftop Solar Capacity.



Narendra Modi  
@narendramodi

सूर्यवंशी भगवान श्री राम के आलोक से विश्व के सभी भक्तगण सदैव ऊर्जा प्राप्त करते हैं।

आज अयोध्या में प्राण-प्रतिष्ठा के शुभ अवसर पर मेरा ये संकल्प और प्रशस्त हुआ कि भारतवासियों के घर की छत पर उनका अपना सोलर रूफ टॉप सिस्टम हो।

अयोध्या से लौटने के बाद मैंने पहला निर्णय लिया है कि हमारी सरकार 1 करोड़ घरों पर रूफटॉप सोलर लगाने के लक्ष्य के साथ "प्रधानमंत्री सूर्योदय योजना" प्रारंभ करेगी।

इससे गरीब और मध्यम वर्ग का बिजली बिल तो कम होगा ही, साथ ही भारत ऊर्जा के क्षेत्र में आत्मनिर्भर भी बनेगा।

## Pradhan Mantri Suryodaya Yojana

- It Is A Scheme That Will Involve **Installing Solar Power Systems** At Rooftops For Residential Consumers. The Scheme Would Help Not Only Reduce Electricity Bills Of The "Poor And Middle Class", But Also Push India's Goal Of Becoming Self-reliant In The Energy Sector.

## India's Current Solar Capacity

- Solar Power Installed Capacity In India Has Reached Around **73.31 GW** As Of December 2023. Meanwhile, Rooftop Solar Installed Capacity Is Around **11.08**

**GW** As Of December 2023. Solar Power Has A Major Share In The Country's Current Renewable Energy Capacity, Which Stands At Around **180 GW**.

- In Terms Of Total Solar Capacity, **Rajasthan Is At The Top With 18.7 GW**. Gujarat Is At The Second Position With 10.5 GW. When It Comes To Rooftop Solar Capacity, **Gujarat Tops The List With 2.8 GW**, Followed By Maharashtra By 1.7 GW.



## Why Solar Energy Is Important For India?

- India Is Expected To Witness The Largest Energy Demand Growth Of Any Country Or Region In The World Over The **Next 30 Years**, According To The Latest World Energy Outlook By The International Energy Agency (IEA).
- To Meet This Demand, The Country Would Need A **Reliable Source Of Energy** And It Can't Be Just Coal Plants. Although India Has Doubled Down On Its Coal Production In Recent Years, It Also **Aims To Reach 500 GW Of Renewable Energy Capacity By 2030**.
- Therefore, It Is Essential To Expand Solar Power Capacity. The Country Has Increased It From **Less Than 10 MW In 2010 To 70.10 GW In 2023**, As Mentioned Before.