

PM Surya Ghar: Muft Bijli Yojana

Prelims: Public policy | Government Initiatives | Current events of national and international importance.

Why in news?

Recently Delhi Government approves Rs 30,000 subsidy for 3 kW rooftop solar panels, taking total support to Rs 1.08 lakh.

- **PM Surya Ghar: Muft Bijli Yojana** - It is an initiative to promote renewable energy adoption and providing financial relief to households across India.
- **Objective** - To promote rooftop solar panel installations in residential homes by providing substantial subsidies and making solar power affordable.
- **Target** - The scheme aims to benefit **1 crore households** across India by 2027.
- As of December 2024, over **26 lakh (2.6 million)** rooftop solar systems have been installed under the scheme.
- **Subsidy support** - The scheme offers a subsidy of up to **40%** of the cost of installing rooftop solar systems, with the maximum subsidy capped at Rs 78,000 for systems up to 3 kW capacity.
- The Central Government offers a subsidy of **Rs 78,000** for installing rooftop solar panels up to 3 kW capacity.
- **Eligibility Criteria** - To avail of the benefits, applicants must,
 - Be Indian citizens.
 - Own a residential property with a suitable rooftop for solar panel installation.
 - Have a valid electricity connection.

PM Surya Ghar: Muft Bijli Yojana in Delhi

- The Delhi government has introduced 'PM Surya Ghar: Muft Bijli Yojana **State Top-Up** scheme' to enhance the effectiveness and reach of the initiative.
- **Highest Subsidy Support** - Delhi offers a total subsidy of **Rs 1.08 lakh** (Central + State), the highest in India.
- **Large-Scale Solar Adoption** - The scheme targets installation of rooftop solar panels on **2.3 lakh residential units** over the next three years, boosting solar energy use in the capital.
- **Significant Electricity Bill Savings** - Residents can save around **Rs 4,200 monthly** on electricity bills, reducing household expenses and easing power demand on the grid.
- **Zero Upfront Cost** - Easy loan options combined with subsidies allow Delhi citizens to install solar panels **without any upfront payment**, encouraging wider participation.
- **Cleaner and Greener City** - Adoption of rooftop solar helps reduce Delhi's heavy

pollution levels by lowering dependence on fossil-fuel-based electricity.

- **Energy Security** - Distributed solar power generation strengthens Delhi's energy security by reducing load on the centralized grid and minimizing power outages.
- **Supporting Delhi's Climate Goals** - The scheme aligns with Delhi's commitment to sustainability and clean energy under the National Solar Mission and other environment policies.

Reference

[Money Control | Delhi government has introduced 'PM Surya Ghar](#)

