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PM Surya Ghar Muft Bijli Yojana - 2025

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Context:

The **PM Surya Ghar Muft Bijli Yojana**, launched in 2024, is set to revolutionize India's energy sector, making it the world's largest domestic rooftop solar initiative. The scheme is designed to enhance renewable energy adoption while providing economic and environmental benefits.

About PM Surya Ghar Muft Bijli Yojana:

- **Ministry:** Ministry of New and Renewable Energy (MNRE).
- **Outlay:** The scheme has a substantial outlay of **₹75,021 crore**, with plans for implementation until **FY 2026-27**.
- **Objective:**
 - The primary goal is to install **rooftop solar (RTS) systems** and provide **free electricity for up to 300 units monthly** to **1 crore households** across India.

Key Components of the Scheme:

1. Model Solar Village:

- A **Model Solar Village** will be set up in **each district** across India, promoting the use of solar power at the community level and serving as a model for other regions.

1. Innovative Projects:

- The scheme will include various **innovative projects** to boost solar energy adoption and improve the efficiency of renewable power generation.

Subsidy and Financing:

1. Subsidy:

- A **subsidy of up to 40%** will be provided to households for installing rooftop solar systems.
- The subsidy is determined based on the **household's average monthly electricity consumption** and the suitable **solar plant capacity** that matches their needs.

1. Collateral-Free Loans:

- Eligible households can access **low-interest loans** at around **7% interest** to install rooftop solar systems of up to **3 kW** capacity, without the need for collateral.

Key Benefits of the Scheme:

1. Government Savings:

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- The initiative is expected to save the government around **₹75,000 crore annually** in electricity costs, reducing the financial burden of power supply.

1. **Cost Reduction for Households:**

- Households will benefit from **reduced electricity bills**, thanks to the free electricity (up to 300 units) generated by their own rooftop solar systems.

1. **Renewable Energy Boost:**

- The scheme will significantly contribute to **increasing renewable energy capacity** in India, reducing the country's carbon footprint and supporting the transition to a more sustainable energy system.

1. **Environmental Impact:**

- By promoting solar energy, the program will help **reduce greenhouse gas emissions**, supporting India's commitment to combating climate change.

Conclusion:

The **PM Surya Ghar Muft Bijli Yojana** is a landmark initiative that aims to provide clean, sustainable energy to millions of households, thereby boosting India's renewable energy sector and supporting both economic and environmental goals. This bold step towards energy independence has the potential to transform the lives of many and make a significant contribution to the country's energy transition.