

1/12/19. 1
Roof top solar programme for urban residential consumers is crucial towards achieving roof top solar target by 2022. Examine.

Cabinet Committee recently signalled for phase 2 of roof top solar programme for residential consumers. India's target of 40 GW by 2022 cannot be achieved only by industries and commercial consumers. India's solar power generation is growing at a fast pace of 75% growth in each year. But the share of residential customers are only 9%.

High power tariff for industries and commercial players forced them to adopt rooftop solar programme. In spite of low power tariff residential consumers show little interest in rooftop programme. The high upfront cost to install and low financial options like credit from banks are cause of concern. More than above all lack of awareness and when to get information are the major reason for abandoning this.

Direct people related workers from electricity board, welfare associations awareness camps and programmes in area wise enable them to get basic knowledge about this programme.

Government has proposed 30% subsidy for adopting rooftop solar panel, even though there is poor response. This is because the complex process of applying, subsidy approval is not transparent.

Easy accessible process for citizens and proper guidance through various government offices can boost the rate of solar rooftop growth. India has achieved 30% of its 40GW by 2022. So, here it is vital to bring the residential customers under the programme.

Providing credit access, proper knowledge sharing can create huge solar power penetration in residential sector.