

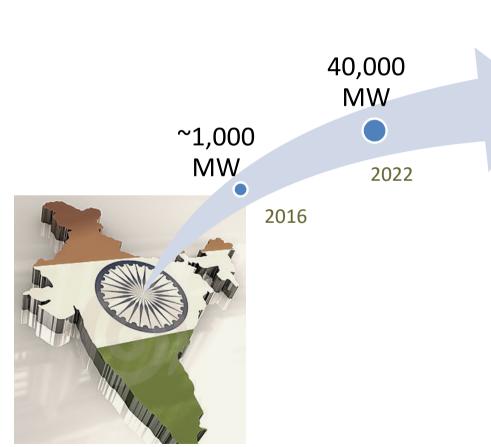


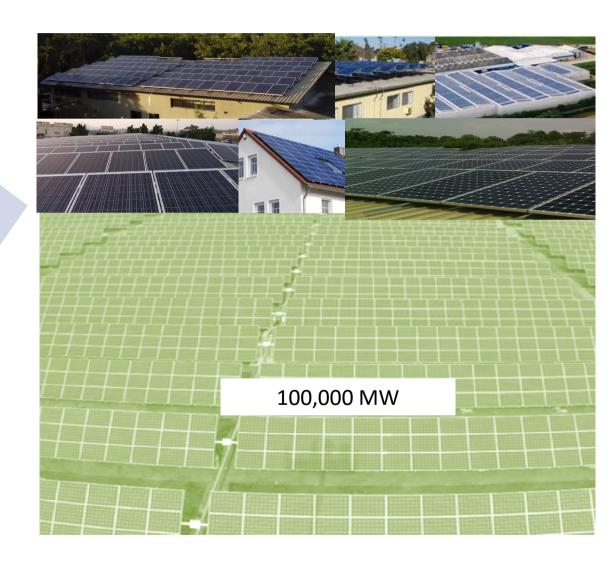
Target 2022: Overall





Target 2022: Overall





# Rooftop Solar: Ideal Energy Choice

§ Seamless grid and/or DG integration

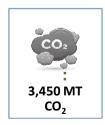
Captive energy at your doorstep

Eliminate transmission costs/losses

Speedy implementation

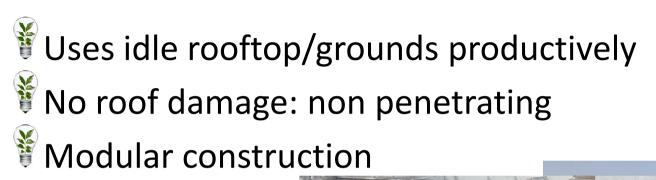








Rooftop Solar: Ideal Energy Choice



Car Port

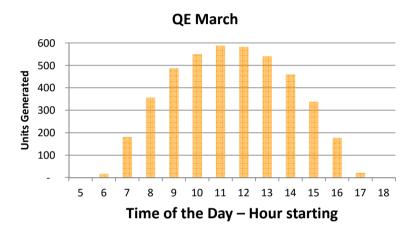


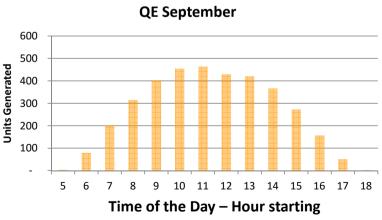


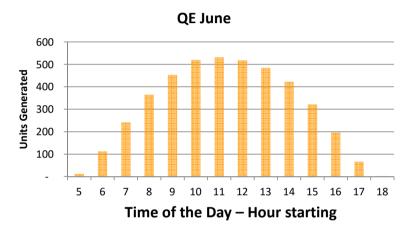
Pitched roof; non-penetrating

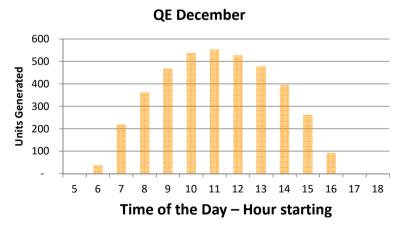
Reliable source of energy: 300+ sunny days in India

Solar Energy Generation **Hourly Averages** 





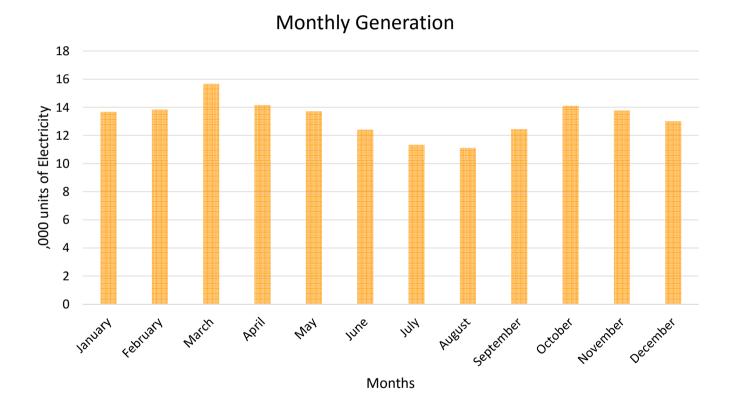




NCR Data: (1000 kWp)

Reliable source of energy: 300+ sunny days in India

Solar Energy Generation Monthly Pattern



# Rooftop Solar: BOOT(Opex) Model

- 1 No Capital Investment; No Maintenance Cost
  - 2 No Performance or Technology Risk
    - 3 Long Term Price Certainty
  - 4 Guaranteed Savings from Day 1
- 5 Transfer at end of PPA term

## Rooftop Solar Challenges

#### **Business**

- Awareness
  - Information and misinformation
- Long term PPA
- Grid parity in domestic segment
- Quantum of savings
- State solar policy
  - Net metering, open access
- Business model credit risk
- Performance risk
  - Estimated vs actual generation

### **Implementation**

- The rooftop/site
  - Location, design, strength, height, accessibility
- Plant size/layout optimisation
- Limited skilled specialist workforce
- Safety norms, testing labs
- O&M

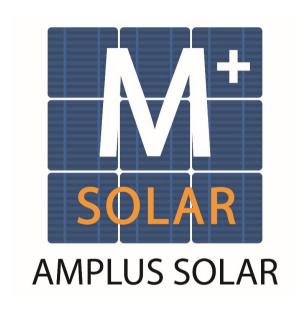
### Rooftop Solar: Future Growth Enablers

### Industry

- Cost
- Grid robustness
- Storage
  - Cost
  - Technology

### Policy/Regulatory

- Performance based incentives
  - Generation vs Capacity
- Long term (vs short) benefits
  - Long term tax rebates vs
    Accelerated Depreciation
- Net metering
- Focus on storage
- Credit support for RWAs, Domestic, MSMEs



# Thank you!

