



# Bainsun Energy & Infrastructure Pvt Ltd

WHERE THE FUTURE IS BRIGHT, AND THE ENERGY IS CLEAN

# Enablers of Change

Established in 2017 and converted to Pvt Ltd in 2023, our journey began with a vision to harness the sun's boundless energy. We set out to democratize solar energy, making it accessible, affordable, and adaptable for everyone—from residential consumers to sprawling industrial complexes.

We are not just a solar company; we are innovators and problem-solvers. Our approach encompasses design, installation, and maintenance, ensuring projects exceed expectations.



“True sustainability begins with community.”

# The Blueprint: Vision & Mission



## VISION

We envision a future where clean energy is universal—a world where Solar Smart leads the way in making solar power the cornerstone of global energy consumption.



## MISSION

To revolutionize access to solar energy, making it a seamless, affordable choice for every household and business.

# SOLAR SOLUTIONS FOR EVERY NEED



## RESIDENTIAL SOLAR SYSTEM

Power your home. Save every day.



- Lower Electricity Bills
- Clean & Renewable
- Reliable & Safe
- Increase Property Value

### HOW IT WORKS



### IDEAL FOR

Homes • Villas • Apartments • Housing Societies  
 ✓ No investment options available (Self-investment model)



## COMMERCIAL SOLAR SYSTEM

Smart energy for your business.



- Reduce Operating Costs
- Improve Profitability
- Sustainable Business
- Long-term Energy Security

### HOW IT WORKS (OWNED SYSTEM)



### FINANCING OPTION - PPA (POWER PURCHASE AGREEMENT)

- We install & maintain the solar system
- You pay only for the electricity you use
- No upfront investment from your side

### IDEAL FOR

Offices • Schools • Hospitals • Hotels • Malls • Retail Stores



## INDUSTRIAL SOLAR SYSTEM

Maximize efficiency. Power growth.



- Significant Cost Savings
- High Energy Independence
- Sustainable Operations
- Hedge Against Rising Tariffs
- Enhance Competitiveness

### POWER DELIVERY OPTIONS

#### OPEN ACCESS - WE PROVIDE ELECTRICITY



We generate solar power and supply electricity to you through Open Access. You get 100% clean power with cost savings.

#### PPA - ZERO INVESTMENT OPTION



No Investment Required | We Install & Maintain | You Pay Only for the Electricity You Use

**You don't have to invest anything. We build, own & operate the plant.**

### IDEAL FOR

Factories • Manufacturing Units • Warehouses • SEZs • Large Industries



CLEAN ENERGY



COST SAVINGS



RELIABLE & SAFE



A BETTER TOMORROW

# Strategic Roadmap





# RESIDENTIAL PROJECTS COMPLETED



## Nagpur, Maharashtra, India

Vali Tower, Unit No 2, Plot No 4, Kamptee Rd,  
Near Indora Square, Buddha Nagar,  
Balabhaupeth, Nagpur, Maharashtra 440017, India



## Nagpur, Maharashtra, India

Lat 21.173571, Long 79.101351  
08/27/2025 12:25 PM GMT+05:30  
Note : Captured by GPS Map Camera



## Nagpur, Maharashtra, India

Vali Tower, Unit No 2, Plot No 4, Kamptee Rd,  
Near Indora Square, Buddha Nagar,  
Balabhaupeth, Nagpur, Maharashtra 440017, India

# PROJECTS COMPLETED

Powering a Sustainable Future with Excellence



## ROOFTOP SOLAR PROJECT

High-efficiency rooftop solar installation delivering clean energy and maximum utilization of available space.



## GROUND MOUNTED PROJECT

Large-scale ground mounted solar plant generating renewable energy with advanced technology and efficiency.



## SOLAR FARM PROJECT

Expansive solar farm installation contributing to a greener tomorrow and a cleaner environment.



## CLEAN ENERGY

Promoting renewable and sustainable power.



## HIGH PERFORMANCE

Optimized systems for maximum energy output.



## RELIABLE & SAFE

Built with quality, safety and long-term reliability.



## SUSTAINABLE FUTURE

Driving progress towards a better tomorrow.

# private tenders and government project



GOVERNMENT  
PROJECT

## GUJRAT KHAVDA PROJECT (30GW)

One of the world's largest renewable energy parks located in Khavda, Gujarat, India.



PRIVATE  
TENDER

## 500MW EPC

By **BAINSUN ENERGY**

In partnership with

**adani** | Solar



PRIVATE  
PROJECT

## 10MW CCCL INFRASTRUCTURE

IN TAMIL NADU



# BESS

## Battery Energy Storage System

BESS stores electrical energy in batteries and releases it when needed, enabling a reliable, efficient and sustainable energy future.



### RELIABLE POWER

Provides backup power and ensures uninterrupted electricity supply.



### PEAK SHAVING

Reduces peak demand charges and optimizes energy costs.



### ENERGY OPTIMIZATION

Stores energy during off-peak hours and releases it during high-demand periods.



### GRID STABILITY

Supports grid balancing, frequency regulation and voltage support.



### SUSTAINABLE FUTURE

Enables greater integration of renewable energy and reduces carbon footprint.



### SAFE & RELIABLE

Advanced protection and battery management system



### SCALABLE

Flexible configurations for various applications



### SMART CONTROL

Real-time monitoring and intelligent energy management

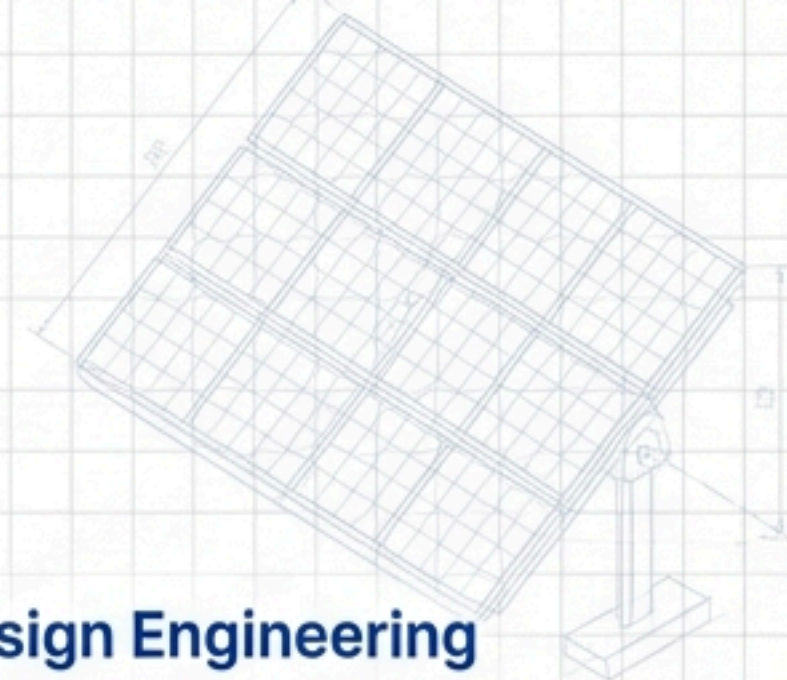


### WIDE APPLICATIONS

Utility, Commercial, Industrial and Microgrid solutions

# The Art of System Integration

Innovation at Bainsun lies in navigating the complexities of solar installations. We blend the best solar technologies to craft efficient, reliable, and scalable solutions.



## Component Sourcing

Combining state-of-the-art panels, inverters, and storage from leading manufacturers.



**BAINSUN  
ENERGY**



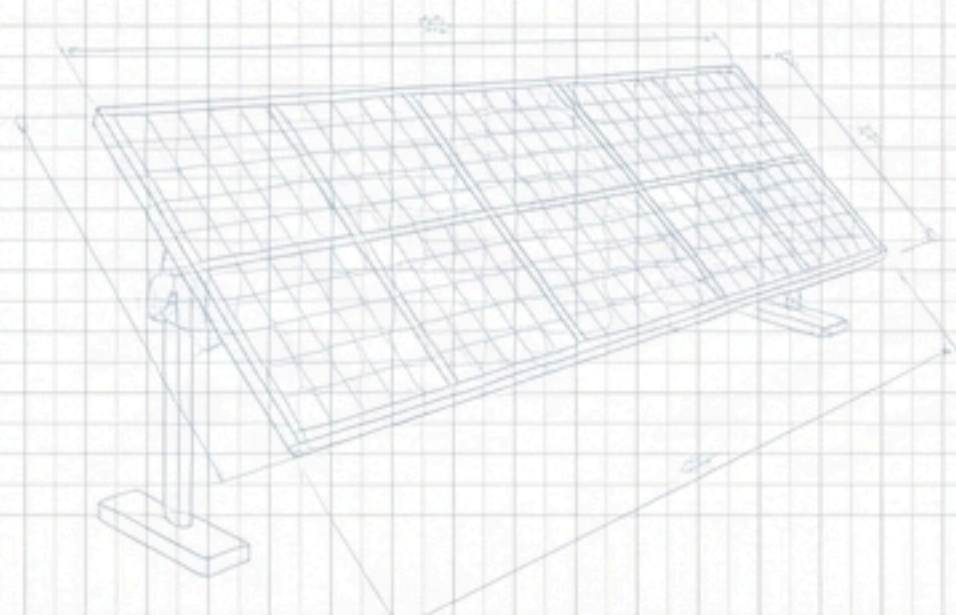
## Design Engineering

Smart, adaptive design assessing site characteristics to maximize output.



## Project Management

Seamless execution ensuring reliability and scalability.

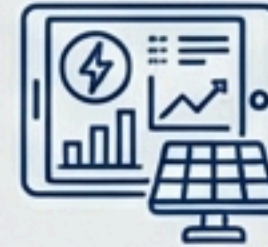


# Technical Pillars & Innovation



## Smart System Design

Adaptive engineering that assesses site characteristics to maximize space utilization and energy output.



## Energy Management

Integration of advanced systems for real-time monitoring and control of energy consumption.



## Technological Adaptability

Future-proof solutions that incorporate new innovations to enhance system longevity.

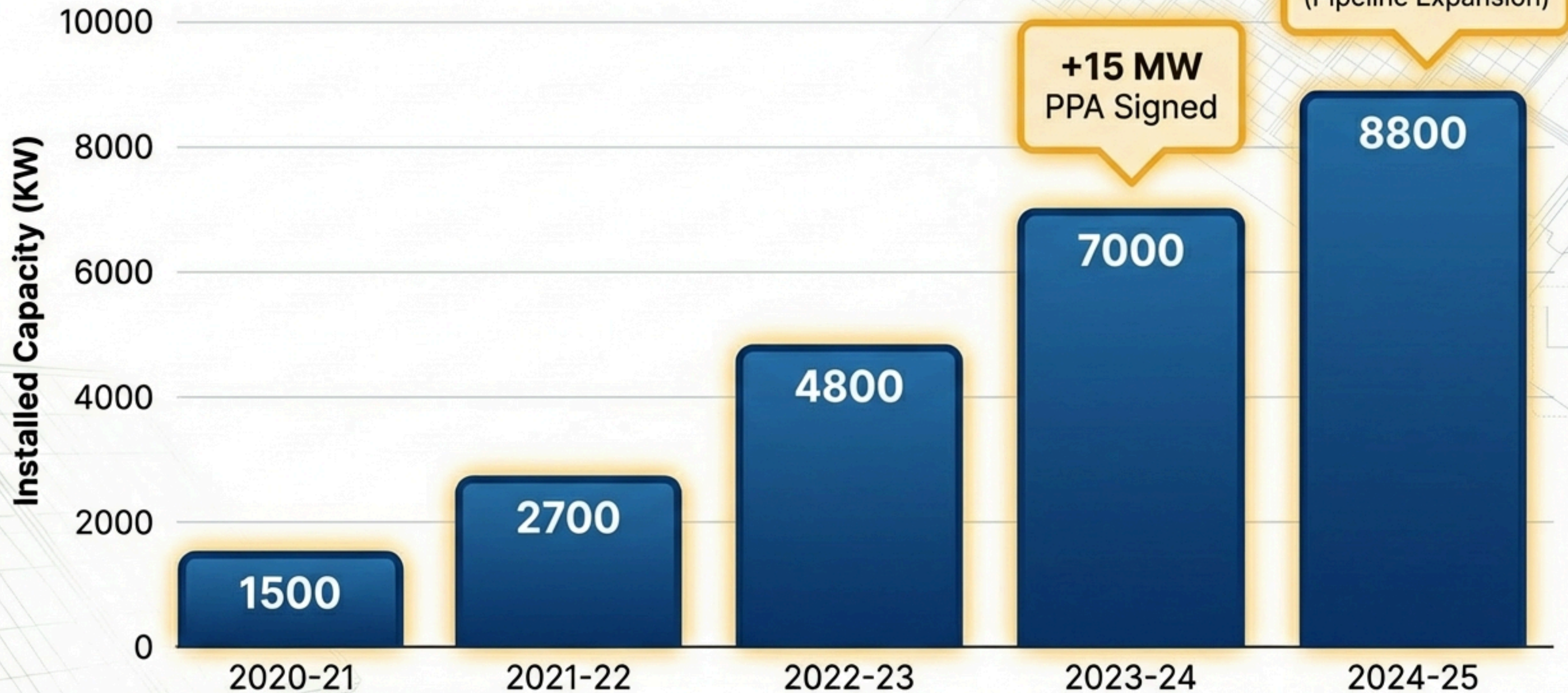


## Efficiency Optimization



Use of sophisticated simulation tools for panel orientation, tilt, and shading analysis.

# Exponential Growth Trajectory



# The Ecosystem: Trusted Partners

## Technology Leaders

 adani  
Renewables

 **WAAREE** Solar  
Energy Gitations

 **ABB**

 **KSolare**

 Kirloskar  
SOLAR

## Infrastructure & Supply Chain

 **TAPARIA**  
TAPARIA TOOLS

 **OM** LOGISTICS  
SUPPLY CHAIN

 **HAVELLS**

 **POLYCAB**

## Strategic Alliances

 **Contendre**  
Solar

 **ECE** Solar

# Trusted By Industry Leaders

Case Study

**Haldiram's  
Nagpur**



Case Study

**Delta Corp**



Case Study

**Consolidated  
Construction  
Consortium Ltd**



Case Study

**NVCTS Private  
Limited**



Case Study

**Uniforce  
Roofings**



Delivering quality across Food & Beverage, Construction, and Industrial sectors.

# Industry Insights

Navigating a dynamic landscape to offer high-performance, compliant, and economical solutions.



## Technological Progress

Photovoltaic efficiency and storage improvements are enhancing viability. We integrate these innovations for high-performance installations.



## Regulatory Landscape

Understanding economic incentives optimizes project costs. We ensure full compliance and maximize available subsidies.



## Economic Viability

Decreasing costs are making solar attractive across all sectors. We deliver scalable solutions aligned with economic benefits.

# Open Access Solar Power

Open Access Solar enables businesses to access clean, affordable energy directly from large-scale solar plants—without installing panels on-site.



## Cost-Effective Energy

Long-term power purchase agreements reduce electricity costs and protect against tariff hikes.



## No On-Site Installation

Energy is supplied via the grid, eliminating the need for rooftop or land availability.



## Scalable & Reliable Supply

Flexible capacity expansion with dependable power from utility-scale solar projects.



## Sustainability Impact

Significantly lowers carbon footprint while supporting India's renewable energy goals.



## Regulatory & Financial Benefits

Leverage state open-access policies, banking benefits, and green energy compliance.



# Group Captive Solar

Group Captive Solar allows multiple companies to cooperatively invest in a solar project, sharing the benefits of clean and affordable energy.



## Shared Investment

Cooperative funding reduces the capital investment required per company.



## Energy Cost Savings

Direct access to discounted solar energy significantly lowers electricity bills.



## Clean & Reliable Power

Secure a stable, renewable energy supply for consistent operations.



## Equity & Control

Build ownership equity and retain control while benefiting from shared solar assets.



## Regulatory & Financial Benefits

Navigate state regulations and benefit from tax incentives and green energy compliance.



# Unlocking the PM Surya Ghar Yojna Opportunity

## The Initiative

An ambitious government scheme accelerating solar adoption in residential areas through substantial subsidies.



## The Bainsun Advantage

We navigate the policy intricacies on behalf of our clients.



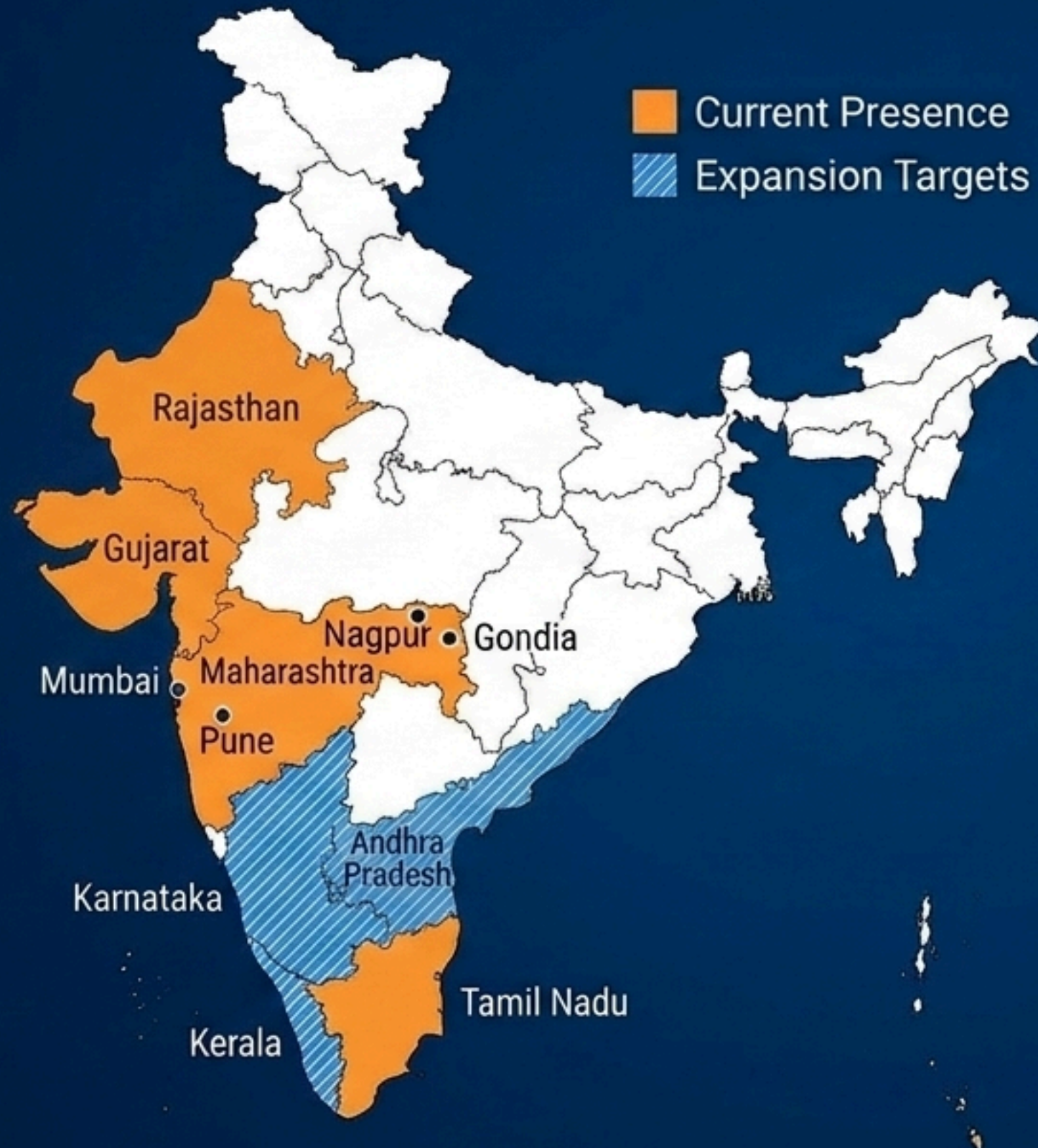
**Financial Viability:** Making the transition affordable for a vast segment of the population.



**Seamless Integration:** Full support from system design to paperwork and implementation.

Empowering India's energy future through strategic partnerships.

# Future Outlook & Expansion



**Sector Expansion:** Moving beyond residential to leverage deep regulatory understanding for Commercial & Industrial (C&I) sectors.

# Why Choose Bainsun Energy?



**Expertise:** Unmatched experience in system integration and hands-on technology management.



**Customized Solutions:** No one-size-fits-all. Tailored designs for specific site requirements.



**Quality & Reliability:** Partnership with leading manufacturers and rigorous quality control.



**Government Scheme Expertise:** Simplifying the 'PM Surya Ghar Yojna' process for maximum client benefit.



**Future-Ready:** A commitment to staying ahead of the technology curve.

# Join the Solar Journey



## Partners

Collaborate with us to amplify the impact of solar energy. We invite innovators, environmental orgs, and policy makers.



## Advocates

Use our platform to amplify your voice for sustainable living and spread the word.



## Franchise

Leverage our proven business model, brand, and expertise to start your own solar enterprise. Comprehensive training and support provided.

A commitment to a cleaner, greener future for generations to come.

# Contact Us

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