



# ALLIGATOR SOLAR

*#energisingfuture*

 [www.alligatorsolar.com](http://www.alligatorsolar.com)



## Alligator Automations

Alligator Group was founded in 2008, with a vision to work in the field of End of Line Packaging machines.

## Alligator Solar

Alligator Solar founded in 2015, the sister company and renewable arm of Alligator Automations, goes way beyond the conventional thinking in the field of Renewable Energy.

At Alligator Solar, We provide relevant and eco-friendly solutions which will also make an economic sense, we are committed to reduce greenhouse gas emissions by using solar energy solutions.

Our company corporate office is in Rahatni, Pune, Maharashtra.

We have an expert team of experienced & professional personnel with a strong background and vision in project planning & development and have successfully installed a cumulative capacity of more than 25 MWp solar PV plants.

Alligator diversified in renewable energy sector with a special focus on Solar Photovoltaic Technology .





## VISION

To Provide Sustainable & Innovative Solutions with Highest Quality to Generate Affordable Energy.

## MISSION

- Customer Centric-ness in what we all do.
- Year on year profitable growth through superior customer satisfaction and innovation.
- Always Maintain the highest standards of quality and sustainability and act responsibly at all times.
- Build a culture of excellence by efficient and safe execution of all our projects.
- For our employees, our business partners, and the communities in which we operate, we will also strive to ensure opportunities for personal growth, improved co-working and shared life enrichment.
- Diversification of product lines to expand our technical capabilities in different energy sectors.



### TRUST

Do Not Mislead,  
Be Transparent  
Listen First.



### QUALITY

Commit Right;  
No Compromise



### VALUES



### IMPROVEMENT

Feedback, Analyse  
& Act



### TEAMWORK

Proactive  
Feedback; No  
Blame Culture

# WHY SOLAR..?

## 1 KW SOLAR SYSTEM WILL PREVENT

- 77 kg of COAL from being burned.
- 136 kg of CO<sub>2</sub> from being released into atmosphere.
- 398 liters of WATER from being consumed.
- Is equivalent of planting 48 nos of Teak trees.



### Less Electricity Bills

- Reduce electricity costs in industrial, commercial, or residential properties.



### Locked In Electricity Tariffs

- Compensate for 1% to 3% yearly grid cost hike with efficient solar power generation.



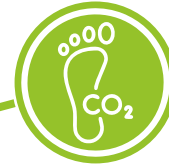
### Reliable & Proven Technology

- Solar system continues to generate electricity at the estimated rate with proper maintenance and regular cleaning.
- Enjoy 25-year generation warranty on all Solar PV modules.



### Faster ROI

- Modern technology ensures significantly lower payback periods as low as 2 to 3 years.
- Solar systems for captive consumption also offer a high Internal Rate of Return (IRR) at around 20% to 22%.



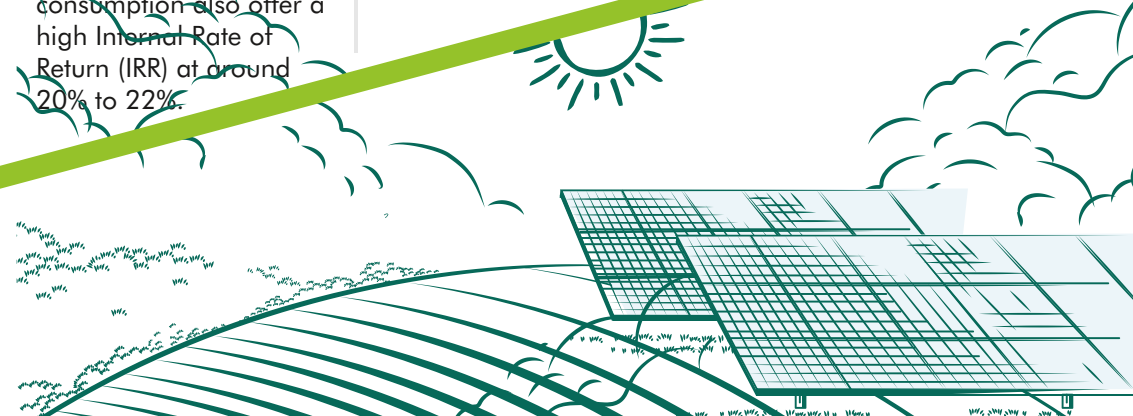
### Lesser Carbon Foot Print

- A 2kW solar system equals to 72 trees and helps offset 72,250 KG of CO<sub>2</sub> emissions over its lifetime.



### Sustainable Development Goal

- Solar energy production aligns with the Sustainable Development Goal 7, which aims to ensure access to affordable, reliable, sustainable, and modern energy for all.



# WHY CHOOSE US..?



## END-TO-END SOLUTIONS

Alligator Solar offers a comprehensive solution for solar rooftop and ground mount projects, covering everything from site audit, feasibility analysis, design, financing, installation, commissioning, operation, and maintenance. We are an end-to-end solution provider for these types of projects.



## PRE-DESIGN & AUDIT

With the use of advanced software such as PV Syst, AutoCad, and SketchUp, our team of skilled engineers conduct thorough shadow analysis and generates detailed reports prior to installation. This process eliminates issues related to both over-designing and under-designing, resulting in an environmentally friendly and economically viable solution.



## EXPERIENCED TEAM

Alligator was established in 2008 with a team of just two individuals, starting from scratch. Today, we have grown into a group company with a turnover of 100 Cr+ and a team size of over 250 individuals. Our success is a testament to our commitment to excellence and our focus on delivering exceptional results for our clients.



## HIGH QUALITY OF WORK

Our commitment is to provide world-class workmanship and high-quality materials during the construction of your solar site. The only goal of our team of highly qualified engineers is to ensure that every aspect of your project is completed with precision and expertise, delivering exceptional results that exceed your expectations.



## OPERATIONS & MAINTENANCE

Alligator is an expert in maximizing the return on investment (ROI) for your systems and offers a comprehensive suite of asset management and solar O&M services. We are dedicated to ensuring that your system operates at peak performance throughout its lifespan, reducing downtime and maximizing your overall return on investment.



## SAFETY FIRST

At Alligator, we understand the critical importance of safety at every site, especially during installation and commissioning. We prioritize safety and strictly adhere to the highest safety practices, complying with all necessary safety regulations and guidelines.



# OUR APPROACH



## ANALYSIS



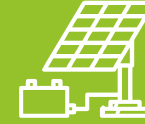
## ENGINEERING



## PROCUREMENT



## PROJECT EXECUTION



## ERECTION & COMMISSIONING



## OPERATION & MANAGEMENT

Site  
Feasibility

Radiation Data  
Assessment

Energy Generation  
Estimation

Project Feasibility  
Study

PV Plant Layout

Engineering Design

Site Specific System  
Optimization

Project Document  
Preparation

System  
Components

Structural  
Components

Balance of  
Plant

Site Preparation

Construction &  
Installation

QA/QC  
Inspection

Program  
Management

Schedule  
Monitoring

Cost Controlling &  
Reporting

Civil work E&C

Clearances,  
Permits & approvals

Site Supervision

Spare  
Replacement

Quality  
Management

Data Analysis,  
O&M Report

# SAFETY PROCESS



## REGULAR TRAININGS

We ensure that our entire installation team is regularly trained to avoid any damage.



## SAFETY EQUIPMENT

We use high quality personal protective equipment (PPE) when working with solar equipment.



## EMERGENCY SCENARIOS

In worst case scenarios, all our staff is well trained to handle emergency situations in a timely & effective manner.



## STANDARD PROCEDURES

We have laid out 'SOPs' which ensure every part is correctly identified, labelled & handled precisely to ensure maximum safety and efficiency.



## QUALITY CONTROL

We evaluate all our vendors against our strict Quality norms to ensure we use only the best materials available.

## KEY SAFETY MEASURES



# FINANCE OPTIONS

## **BOOT (BUILT, OWN, OPERATE & TRANSFER)/OPEX**

No capex and no performance risks either. This translates into considerable savings for companies, which is also risk-free. Our team will take care of the entire operation and maintenance for the 25-year life of the system. All you need to do is sign a Power Purchase Agreement (PPA), and enjoy the benefits. where corporates pay for solar electricity at a rate lower than grid tariffs –in fact, up to 20-40% cheaper. In this model viability is depend on the financial credit rating of companies.

## **SELF FUNDED/CAPEX**

The Clients raise and manage all the required funds for the project.



## **BANK LOAN**

Bank will support for 70% of project cost while 30% of project cost will be borne by the customer.





# OUR PROJECTS



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# OUR CLIENTS

Mazak



Whirlpool



actionaid



Panasonic






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