



WELCOME TO THE WORLD OF RENEWABLE ENERGY

TAKE A STEP TOWARDS GREEN EARTH





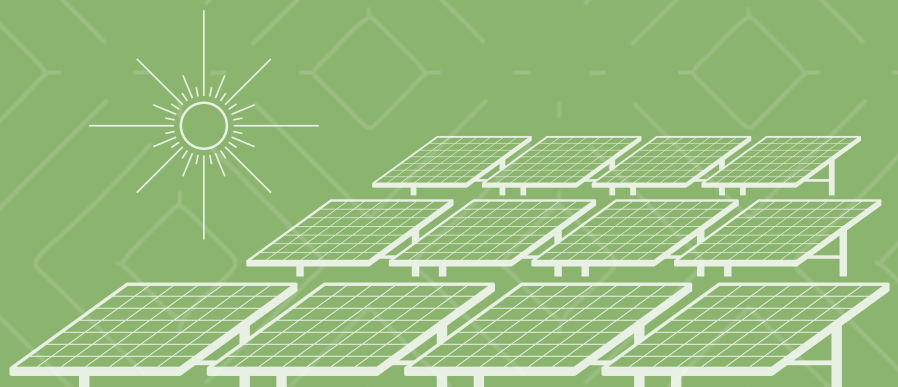
LIGHTS & ELECTRICALS



WHO WE ARE ?

About us

We, at Prajwal Bharat Lights & Electricals, are trying to bring about a revolution by helping people switch over to renewable energy sources, like solar, in our current venture We hope to inspire people into bringing about a Green Revolution to every aspect of person's life, from their households to their workplaces, which could include commercial complexes as well as industries





LIGHTS & ELECTRICALS

EXISTING PROJECTS

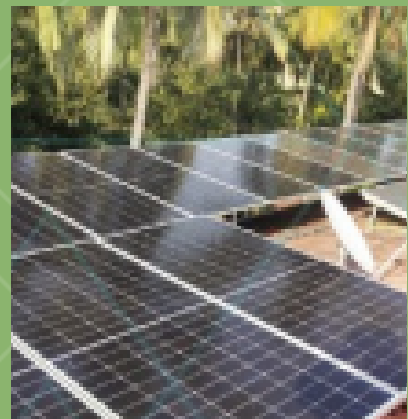
CRAZY CRAB RESTAURANT

PROJECT SIZE- 15+15 KW LOCATION-DAHANU



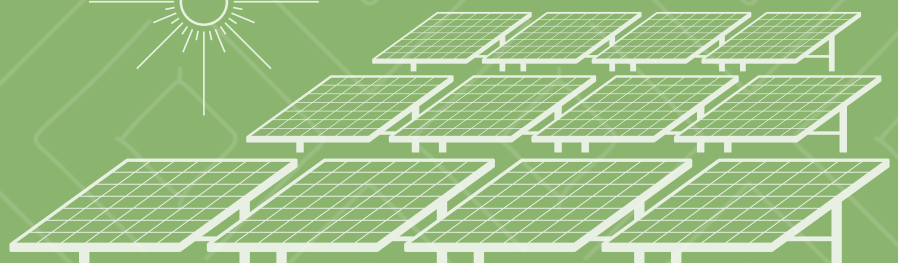
SEA CREST BEACH RESORT

PROJECT SIZE- 15+15 KW LOCATION-DAHANU



ORCHID RESORT

PROJECT SIZE - 15 KW LOCATION - GHOLVAD





LIGHTS & ELECTRICALS

EXISTING PROJECTS

YEZDI SOLI MUBARAKAI

PROJECT SIZE - 5 KW LOCATION - IRANI ROAD DAHANU



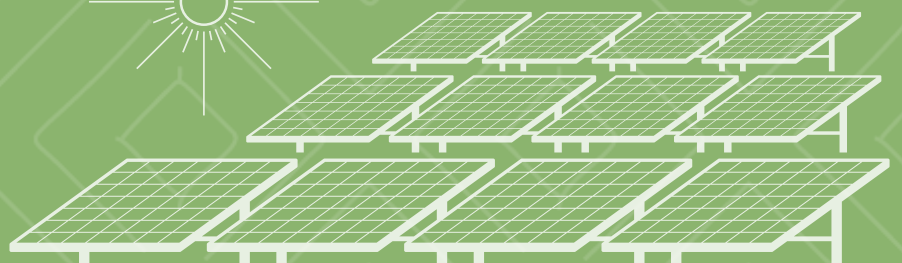
RUSTOM TARAPORE

PROJECT SIZE - 8 KW LOCATION - VANGOA



YAZAD EDUCATION TRUST

PROJECT SIZE - 20 KW LOCATION - SARAVALI



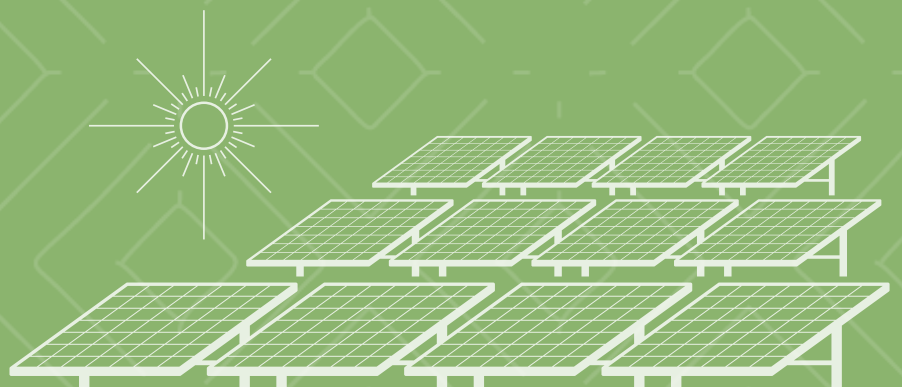


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EXISTING PROJECTS

SBI BANK

PROJECT SIZE - 5 KW LOCATION - SARAS CAPITAL DAHANU ROAD



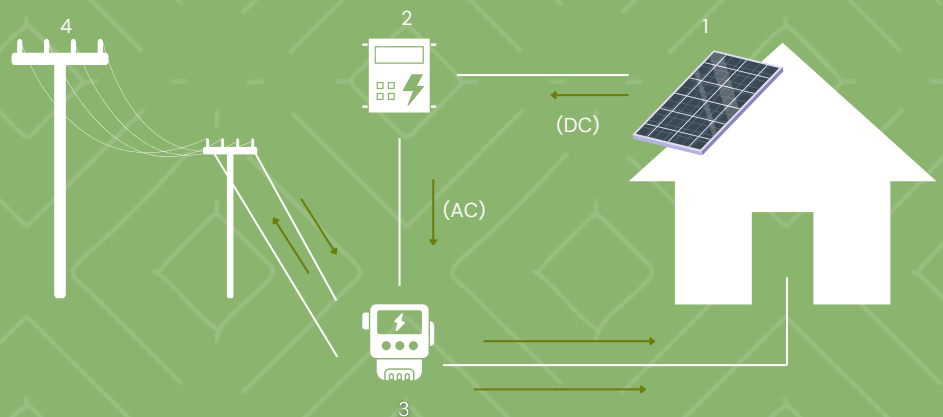


LIGHTS & ELECTRICALS

ON GRID SOLAR SYSTEM

Rooftop solar system

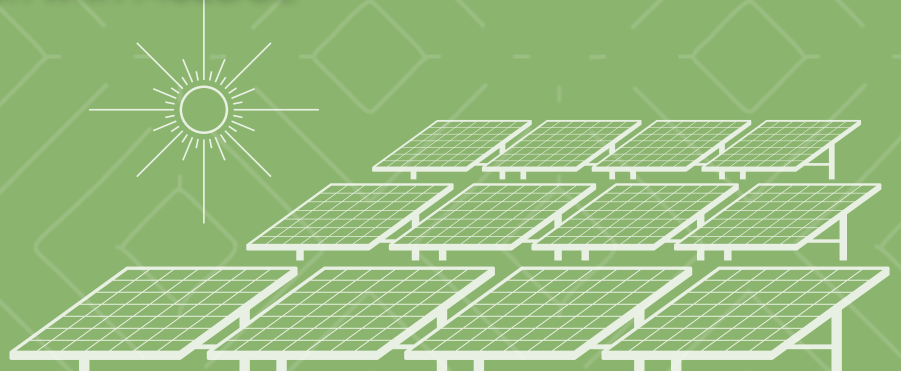
- 1 - SOLAR PANELS
- 2 - INVERTER
- 3 - METER
- 4 - ELECTRICAL GRID



- Solar panels convert energy from the sun into electricity
- An inverter converts the electricity produced by the solar panels from Direct Current (DC) to Alternating Current
- A bidirectional meter measures energy used and excess energy produced
- This energy is then used by you

On-grid System includes:-

- Supply, transport & installation of solar panels, structure, inverter, ACDB, DCDB, meters, wires & other required accessories
- Net metering online & offline documentation process which includes co-ordination with MSEDCL



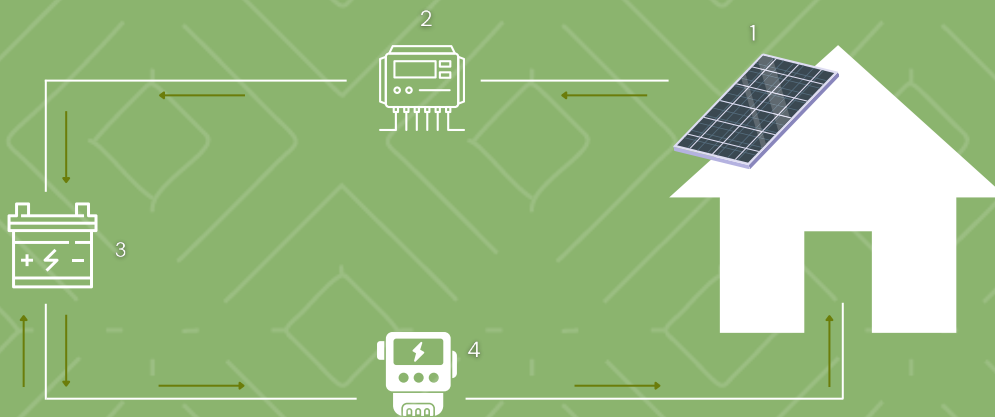


LIGHTS & ELECTRICALS

OFF GRID SOLAR SYSTEM

Rooftop solar system

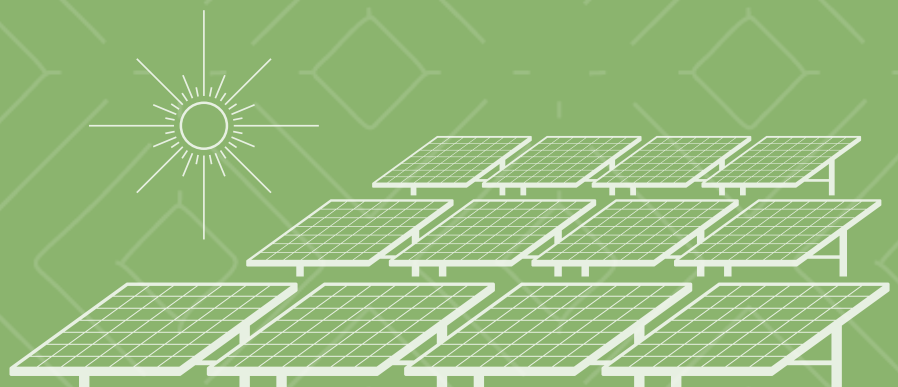
1. SOLAR PANELS
2. CHARGE CONTROLLER
3. BATTERY
4. INVERTER



- Solar panels convert energy from the sun into electricity
- The generated DC energy is fed to the charge controller which regulates the flow of charge
- The controller supplies the regulated power to the battery and then to the inverter
- This energy is then used by you

Off-grid System includes:-

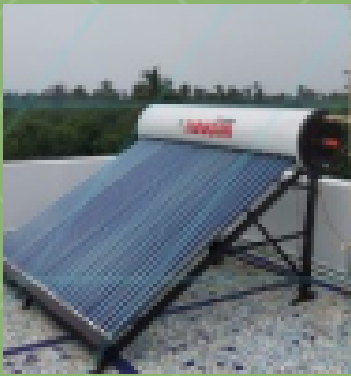
Supply, transport & installation of solar panels, structure, inverter/solar controller, batteries, wires and other required accessories





LIGHTS & ELECTRICALS

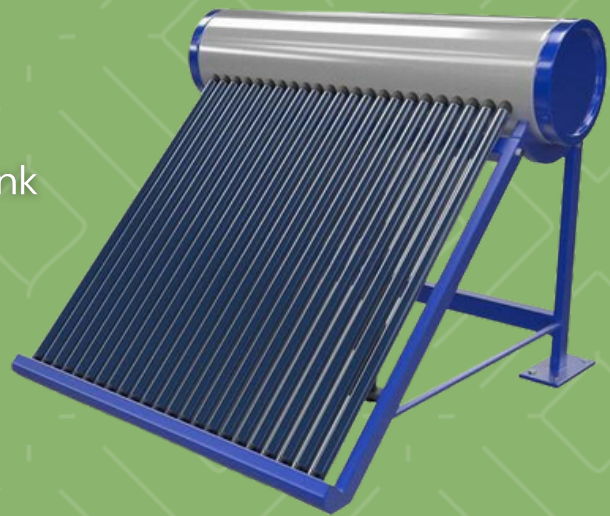
SOLAR WATER HEATER



A solar water heater is a device that captures sunlight to heat water. It can be an economical way to generate hot water for your family (for shower and bath). A solar heater not only enables substantial energy savings as solar power is free in contrast to natural gas or fuel oil.

SERVICES FROM OUR END

- Supply and installation of tank
- Structure and tube set



TERMS AND CONDITIONS

- GST: Extra 5%
- Payment: 50% Advance with confirmed PO.
- Delivery Period: 8 to 10 working Days
- from the date of confirmation of order.
- Transportation Charges: Extra at actual.
- Installation: – Extra Plumbing in Customer scope.





LIGHTS & ELECTRICALS

SOLAR STREET LIGHTS



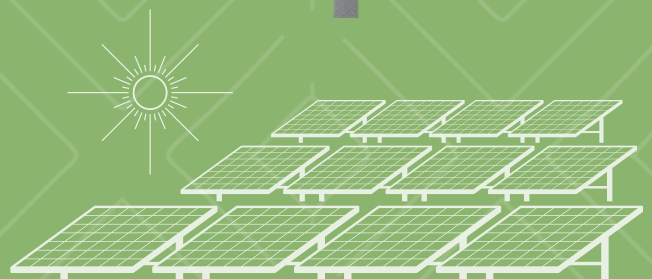
Solar street lights are raised light sources which are powered by solar panels generally mounted on the lighting structure or integrated into the pole itself. The solar panels charge a rechargeable battery, which powers a fluorescent or LED lamp during the night.

SERVICES FROM OUR END

- Supply and installation of panels, luminary, battery, brackets, pole and other required accessories

TERMS AND CONDITIONS

- GST : Extra 5%
- Payment: 50% Advance with confirmed PO.
- Delivery Period: 8 to 10 working Days
- from the date of confirmation of order.
- Transportation Charges : Extra at actual.





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SOLAR WATER PUMP



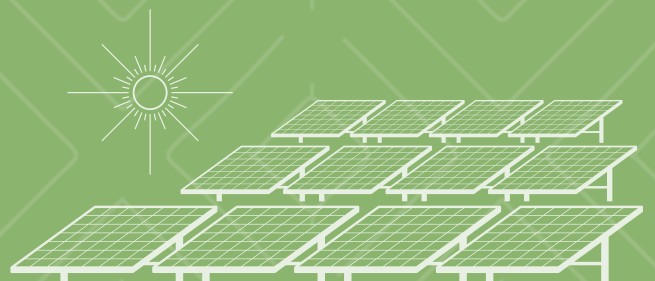
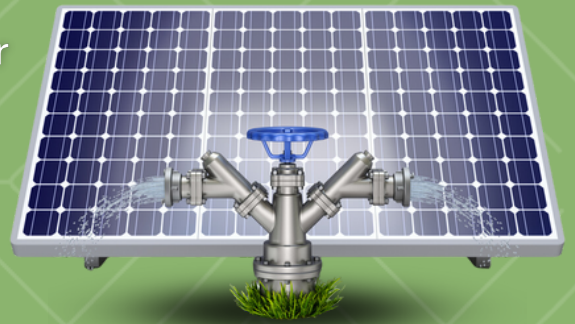
A solar water pump system is essentially an electrical pump system in which the electricity is provided by solar panels. The water is often pumped from the ground or stream into a storage tank so energy storage is not needed for these systems.

SERVICES FROM OUR END

- Supply and installation of solar panels
- Motor pump set
- Structure, controller, wires and other required accessories

TERMS AND CONDITIONS

- GST : Extra 5%
- Payment: 50% Advance with confirmed PO.
- Delivery Period: 8 to 10 working Days
- from the date of confirmation of order.
- Transportation Charges : Extra at actual.
- Installation: - Extra





LIGHTS & ELECTRICALS

SOLAR TREE



The electric tree

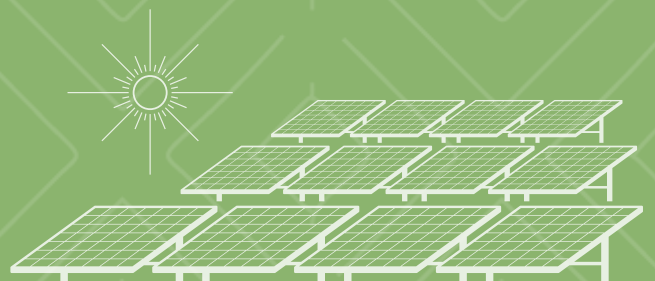
A solar tree is a structure where solar modules are planted on a single pillar which looks like a tree trunk. It serves a dual purpose of being an artwork and an energy generator

SOLAR PARKING



The electric parking

A solar parking is a structure where solar panels are planted over a parking lot and electricity is generated through this panels. The panels generate electricity and at the same time gives shade to the vehicles under it





LIGHTS & ELECTRICALS

LIGHT BILL BEFORE SOLAR INSTALLATION

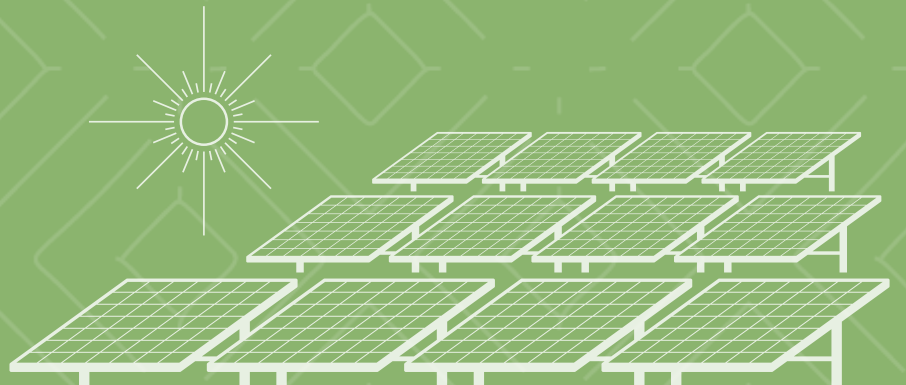
SMT VANDANA SUDARSHAN JADHAV H NO 624 AT PAM TAL PALGHAR DIST THANE PAM 401501 मोबाइल/ इमेल:	96*****84/	देयक रक्कम रु:	4,520.00
		देय दिनांक:	09-NOV-20
		या तारखे नंतर भरल्यास:	4,570.00

चालु रिडिंग	मागील रिडिंग	गुणक अवयव	युनिट	समा. युनिट	एकूण
16875	16449	01	426	0	426

LIGHT BILL AFTER SOLAR INSTALLATION

SMT VANDANA SUDARSHAN JADHAV H NO 624 AT PAM Tal Palghar Pam Tembhi Ta:PALGHA R Di:PALGHAR 401501 मोबाइल/ इमेल:	99*****15/**/ation.lip@gmail.com	देयक रक्कम रु:	100.00
		देय दिनांक:	27-JAN-22
		या तारखे नंतर भरल्यास:	100.00

चालु रिडिंग	मागील रिडिंग	गुणक अवयव	युनिट	समा. युनिट	एकूण
2024	1895	01	129	-129	0





LIGHTS & ELECTRICALS

BENEFITS

On-Grid Solar System :

1. Huge reduction in electricity bills :

With net-meter in place, the consumer has to pay only for the surplus electricity he consumes, ensuring the bill generated every month is reduced drastically. Many of our customers have been able to reduce their monthly bills by 90%.

2. Easy maintenance :

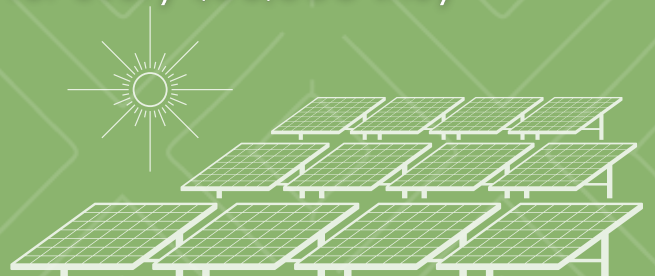
The elimination of batteries in the on-grid system makes the maintenance quite easy. It also eliminates the cost of upkeep of the batteries

3. Synchronize with other sources of power :

These systems can also synchronize with a diesel generator on site. This is important in case grid power is not available. (We should add a link here to connect with another blog or technical article to learn more about this)

4. Better ROI :

Cost of a On-grid solar system is lower than other types of solar systems because there are no batteries. It also generates the highest amount of power compared to other types of solar systems. The minimal maintenance and reduction in monthly power bills ensure the customer gets an ROI of 25 - 30%. This means the customer earns Rs.25,000 for every 1,00,000 they invest in solar.





LIGHTS & ELECTRICALS

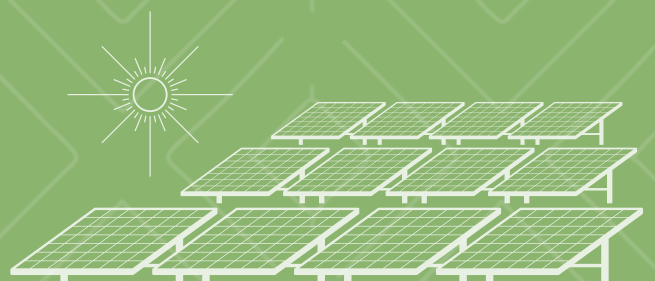
BENEFITS

Off-Grid Solar System :

- Avoid Power Outages.
- Reduced electricity casts.
- Easy Installation
- Easy Alternative for Rural Areas
- Keeping the Environment Clean and Green.

Solar Water Heater :

- Endless amounts of energy, free of charge.
- No CO2 emissions during operation.
- Cost savings: up to 60% less energy to heat water, up to 35% less energy for space heating.
- Reduced consumption of fossil fuels.
- Solar thermal systems can be integrated into existing systems.





LIGHTS & ELECTRICALS

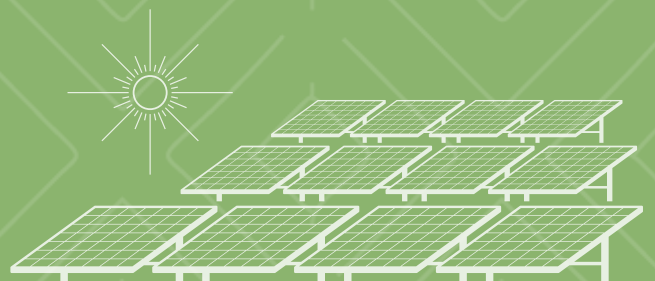
BENEFITS

Solar Street Light :

- All in one Integrated Design
- Complete maintenance free
- Over charge and over discharge protection
- Lightning Protection
- Backup for more than 12 hrs
- Fits on any pole
- Works in any climate
- Bright light and high lumens(140 lumens/watt).
- Theft free
- 1 Year manufacturing warranty
- System integrated with lithium battery for long life

Solar Water Heater :

- No fuel cost – as it uses available free sun light
- No electricity required
- 3 year Long operating life
- Highly reliable and durable
- Easy to operate and maintain
- Eco-friendly





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BENEFITS

Solar Camera :

- Quick and Easy to Install
- Flexible for Location
- Environmental-Friendly
- Easy to Scale
- 24/7 Monitoring





LIGHTS & ELECTRICALS

SAVE IT

solution for pollutio

1 KW OF HOME SOLAR PANEL PREVENTS



77
KILOS

OF COAL
FROM BEING BURNT

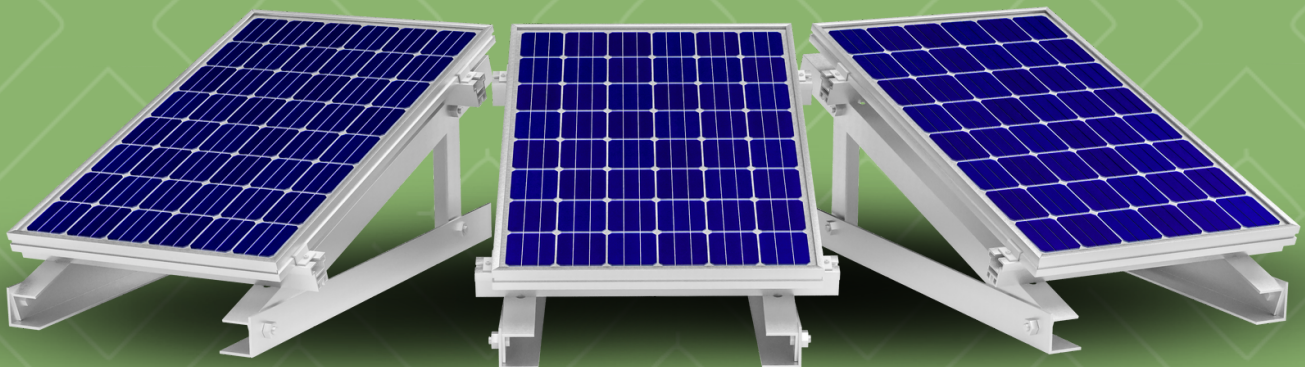
136
KILOS

OF CO₂ FROM BEING
RELEASED INTO THE
ATMOSPHERE



397.4
KILOS

OF WATER FROM
BEING CONSUMED





LIGHTS & ELECTRICALS

HOW TO CONTACT US

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CONTACT DETAILS

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✉ mtpble2022@gmail.com

🌐 www.prajwalbharat.org

