

SOLAR **MODULES**



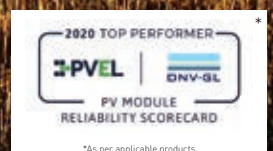
SOLAR **EPC**



SOLAR **ROOFTOP**

# CREATING A CLIMATE FOR CHANGE

WITH **VIKRAM SOLAR**



## DID YOU KNOW THAT **VIKRAM SOLAR** ...



... is part of a 4 decade old legacy as a manufacturer



... caters to your needs across 6 continents worldwide



... invested about \$1.5 Million of our reserves in R&D and product certifications in FY 2016-17



... gained about 25.8% revenue increase (CAGR) in last 8 years till FY 2018-19





# CREATING A CLIMATE FOR CHANGE

WITH **VIKRAM SOLAR**



PREFACE

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# THE VIKRAM SOLAR STORY





Dear Solar Enthusiast,

The global demand for sustainable energy solutions is on the rise. We are aware of our commitment to elevate the quality of life, while at the same time generating green energy responsibly. We will continue to do all it takes to make solar energy affordable and accessible to people in need across the world.

We are a globally active solar energy solutions provider, specializing in high efficiency PV module manufacturing and comprehensive EPC solutions. With an international presence across 6 continents, we are an active contributor in shaping the solar revolution. Carrying forward the rich legacy and extensive manufacturing experience of the Vikram Group, Vikram Solar, since 2006, is building on a 4 decade old success story. We successfully demonstrated our capability even before the solar sector witnessed active growth and development in India. Today, Vikram Solar has been rated by various internationally acclaimed agencies for product and process quality.

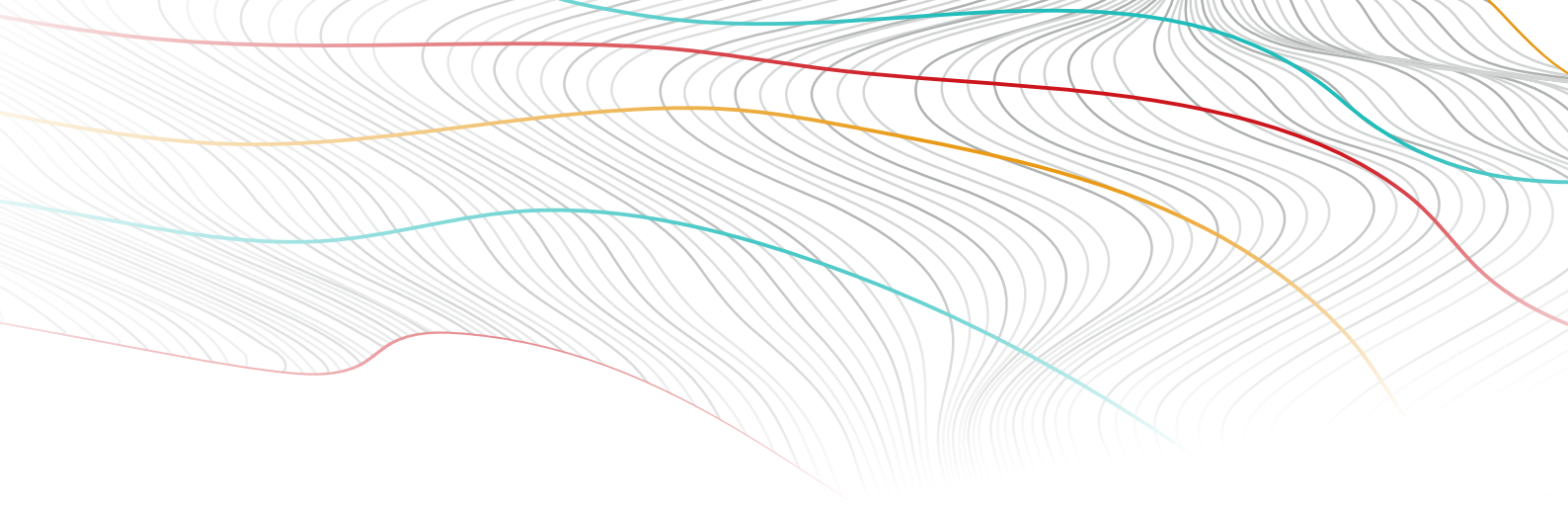
We source best-in-class equipment from all around the world to deliver the finest product quality. Our highly competent research and development team constantly works on improving our product portfolio and introducing new products to serve our customers better. Today, we are proud to have built one of India's top notch production facilities with a total annual production capacity of 1.2 GW along with more than 2.4 GW\* capacity of modules shipped globally. And we are eager to contribute more to the Indian and the global solar revolution.

I invite you to be part of the solar energy revolution with us.

Truly yours

Gyanesh Chaudhary  
Managing Director,  
Vikram Solar







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“ A project is complete when it starts working for you, rather than you working for it. ”

**Scott Allen**

Social media expert, USA





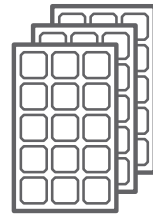
VIKRAM SOLAR

# KEY FACTS



## VIKRAM SOLAR KEY FACTS

# PRESENCE ACROSS THE VALUE CHAIN



## MODULE MANUFACTURING

- Current annual rated capacity: **1.2 GW**
- **India's 1st Tier 1\*** and 3 time **PVEL PQP Top Performer**
- Strong brand presence in **Europe** and the **US** alongside **Indian market**
- High efficiency mono PERC monofacial & bifacial, half-cut & full cell modules and poly-Si modules delivering the **lowest LCOE**



Further to serving as a leading manufacturer of solar PV modules, we also provide solar solutions across the value chain. Our experienced EPC team ensures the completion of each solar plant from concept to commissioning including its operation and maintenance for the complete lifespan of the plant. Our business model ranges from the acquisition of developed sites to the servicing and maintenance of completed solar arrays throughout its lifespan.



### SOLAR EPC

- An **end-to-end solutions** provider for utility scale, rooftop and off-grid projects
- More than **1355 MW\*\*** of solar EPC experience in India
- **Timely execution** and **power generation warranties**



### SOLAR O&M

- O&M Services provided for more than **660 MW\*\***
- Special equipment and work methods adopted to **differentiate services**



VIKRAM SOLAR WORLDWIDE

# AROUND THE GLOBE

USA



**More than 250 MWp<sup>^</sup>**  
of modules shipped  
to the US

**More than 200 MW<sup>^</sup>**  
of modules shipped  
to Europe

**More than 1275 MW<sup>\*</sup>**  
of ground mounted  
EPC in India



<sup>^</sup>Till January 2020 | <sup>\*</sup> Till February 2020, Includes ongoing

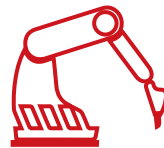
## VIKRAM SOLAR MILESTONES

# 14 YEARS OF VIKRAM SOLAR



Vikram Solar  
**established** by the  
Vikram Group

2006



Vikram Solar  
production  
capacity **doubled**

2010



**1st 40 MW plant**  
commissioned  
in Rajasthan

2013

2009

First  
international  
utility-scale  
EPC project  
in **Germany**



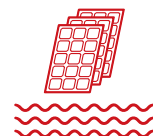
2011

3 MW installed  
under the  
National Solar  
Mission of **India**



2014

Ranked as **India's  
only Tier 1** module  
manufacturer  
(Bloomberg)  
India's **1st floating  
solar plant**



Since its establishment as a solar PV module manufacturer in 2006, Vikram Solar has been driven by providing excellent quality both in India and globally, and our hard-work and passion for solar energy has paid off.

In 2014, we were named as a TIER 1 manufacturer by Bloomberg New Energy Finance and continue to supply the international solar industry with world-class solutions 'Made in India'.



Introduced industry leading **27 years of linear performance warranty** on modules  
Completion of **India's largest airport** rooftop installation of **2 MW**

2015



**1 GW** of production capacity reached  
Top performance ranking modules in **DNV GL PQP**  
**130 MW plant** commissioned in Rajasthan

2017



**200 MW plant** commissioned in Andhra Pradesh  
Awarded with **Best Contribution in Solar Energy** Award by MNRE Minister at CBIP Awards

2019

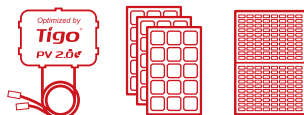
2016

Vikram Solar reaches **500 MW** production capacity in new fab



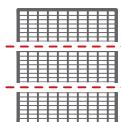
2018

MoU with **French Alternative Energy and Atomic Energy Commission** for R&D  
Launch of **smart module** series **SOLIVO**  
Launch of **high efficiency Half-Cell module**



2020

**3rd Time Top Performer** in PVEL PQP list  
Launch of **Multi Busbar module** with up to 21.02% efficiency^  
Awarded with **300 MW** of EPC project by NTPC India



^Commercially available from Q3 FY 20-21

VIKRAM SOLAR PEOPLE

# MEET OUR PEOPLE

THE CORE VALUE THAT DEFINES US...

“ Hire the best, value their contribution and growth, and nurture them to create future leaders. ”



Photo: Kolkata Team celebrating Women's Day at the office



BOARD MEMBERS



**H. K. Chaudhary**  
Chairman, Vikram Group



**Anil Chaudhary**  
Vice Chairman



**Gyanesh Chaudhary**  
Managing Director



**K. K. Maskara**  
Whole-Time Director and Director- Commercials



**Vikram Swarup**  
Independent Director  
Vikram Solar Limited,  
Birla Corporation Ltd.,  
Thyssenkrupp  
Industries India Pvt. Ltd,  
RCCPL Private Ltd.  
MD - Paharpur Cooling  
Towers Ltd.



**J. P. Dua**  
Independent Director  
Vikram Solar Limited,  
Century Plyboards (India) Ltd.,  
Skipper Ltd.,  
PNB MetLife India Insurance  
Company Ltd.  
Ex CMD - Allahabad Bank  
Ex Chairman - B.I.F.R



**Probir Roy**  
Independent Director  
Vikram Solar Limited,  
East India Pharmaceuticals Works Ltd.,  
Sarda Plywood Industries Ltd.,  
Keventer Agro Ltd.,  
Metro Dairy Ltd.,  
Industrial Prudential Investment Co. Ltd.  
Ex MD - Bengal Chemicals &  
Pharmaceuticals Ltd.

MANAGEMENT TEAM



**Saibaba Vutukuri**  
Chief Executive  
Officer



**Rajendra Kumar Parakh**  
Chief Financial  
Officer



**Suman Nag**  
Chief Revenue Officer



**Pawan Vij**  
Head of  
Manufacturing



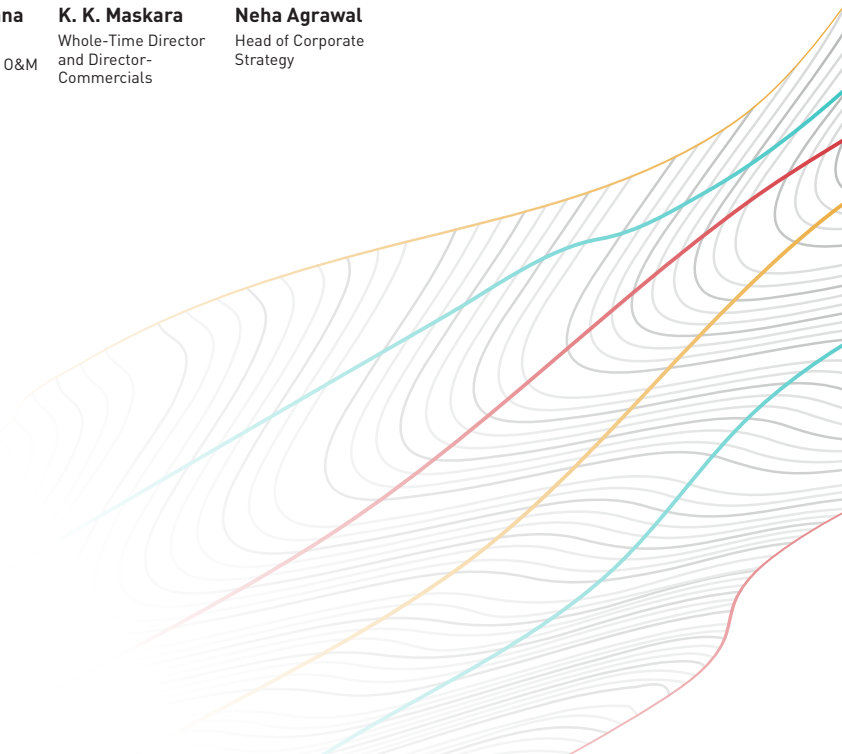
**Venkataramana Muvvala**  
Head of EPC and O&M

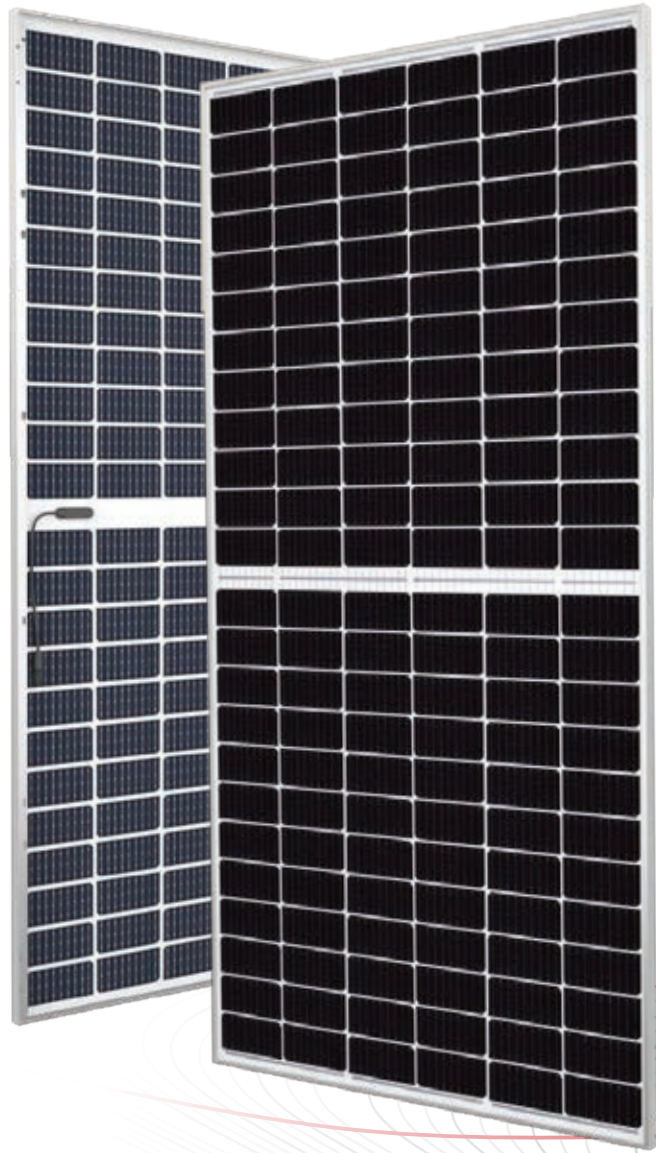


**K. K. Maskara**  
Whole-Time Director  
and Director-  
Commercials



**Neha Agrawal**  
Head of Corporate  
Strategy





VIKRAM SOLAR

MODULES

“ There is no second chance for a first impression. Hence, in our first large solar project in the US, we were very particular about proven high quality standards, extended linear performance guarantees combined with an affordable technology. Our clients have a clear expectation and so do we. Vikram Solar’s global track record and their astonishing commitment from Day 1, left us no doubt as to have found a trustworthy partner. ”

**Andreas Hoffmann**

CEO, Greencells Group



## MODULE KEY FACTS

# A BROAD RANGE...

As India's 1st Tier 1 module manufacturer, Vikram Solar focuses on maintaining the highest quality standards while offering best-in-class products to our global consumers.

India's 1st Tier 1 module manufacturer, Vikram Solar, specializes in the production of high-efficiency mono PERC (half-cell, full-cell) and polycrystalline silicon PV modules. Our products are designed to meet the highest standards of quality, reliability and performance. Our in-house research and development efforts help us in being ahead of the curve in the ever-evolving solar technology

space. We regularly conduct research study programmes with leading laboratories across the globe.

In line with our company's focus on adopting pioneering and innovative technologies, our state of the art manufacturing unit in Falta, West Bengal, have the finest machinery and equipment imported from the United States, Germany, Japan and Switzerland.

## Product Certifications

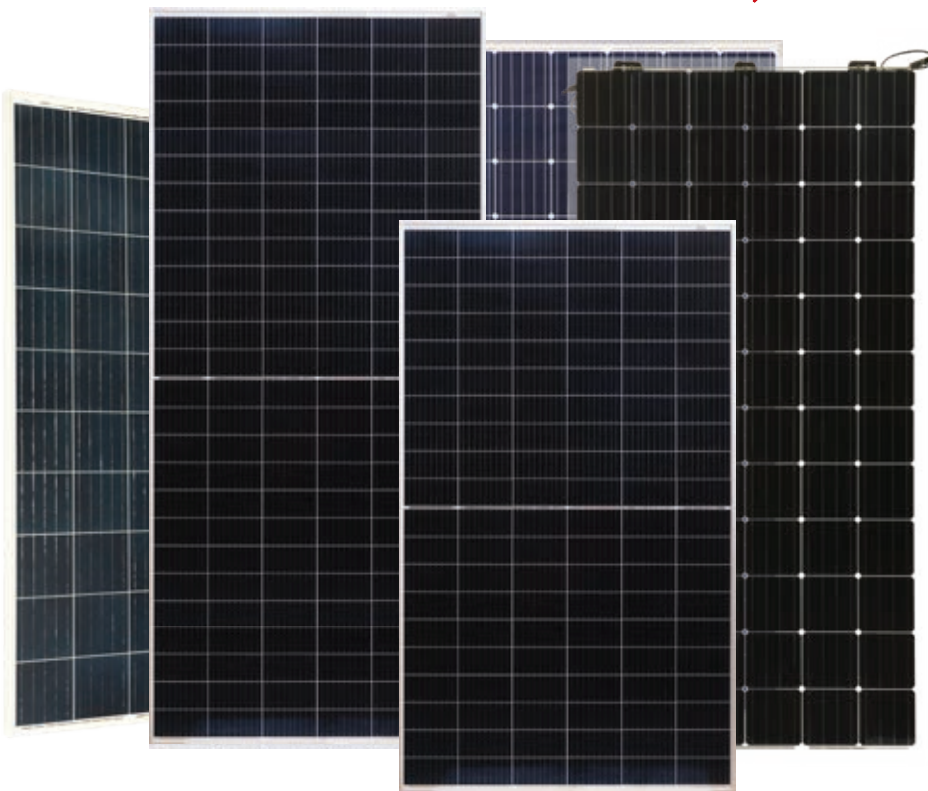


## BANKABILITY

India's 1st Tier 1\* PV module manufacturer. Upholding bankability\*\* commitment to our global clientele

## DIVERSE PORTFOLIO

Modules for on-grid as well as off-grid applications



1.2 GW

Production capacity enabling us to serve the world fast and reliably

DIVERSE USAGE

Perfect fit for large scale and rooftop applications

## VARIED RANGE

High efficiency mono PERC and polycrystalline silicon full & half-cell modules ranging from 10 - 505 Wp#

## LATEST TECHNOLOGY

High Wattage modules (PERC technology), High System Voltage modules (1500V), Module Level Power Electronics (MLPE)

...THAT FITS ALL YOUR NEEDS

\*\*As per PV Module Tech Bankability Ratings Report. Improved from CC in Q2, 20 to CCC in Q3, 20 category.  
\*With M6 monofacial half-cut cell module, commercially available from Q3, FY 20-21 | \*Bloomberg NEF

OVERVIEW 2020/2021 – PORTFOLIO & NEW OFFERINGS

# PICK WHAT YOU NEED

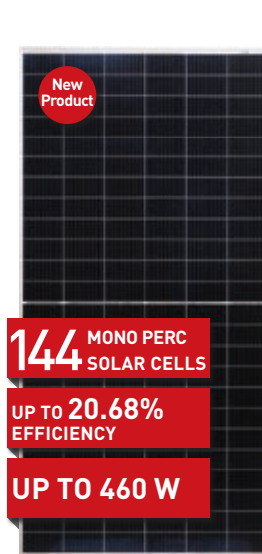
## PREXOS SERIES 6

Bifacial  
Multi Busbar solar module  
with M6 cells

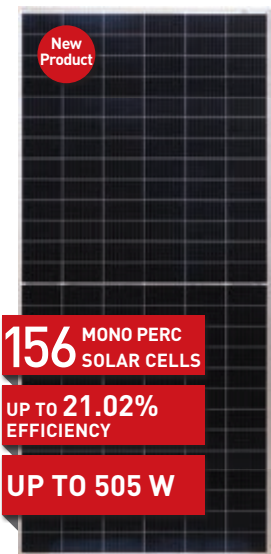
**Advantages\* in Projects**

- 14.5% reduction in number of modules
- 12% reduction in land requirement
- 15.3% savings in cables
- 16% savings in use of combiners
- 11% Reduction in installation cost
- 9% Reduction in O&M Cost

\*Advantages of M6 cell module over M2 cell module



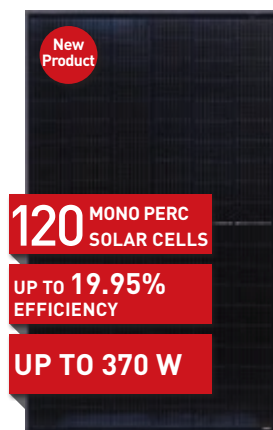
Prexos Series 6-144cells<sup>^</sup>  
(Glass to Transparent Backsheet)



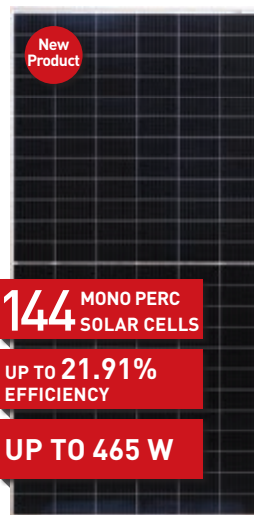
Prexos Series 6-156cells<sup>^</sup>  
(Glass to Transparent Backsheet)

## somera SERIES 6

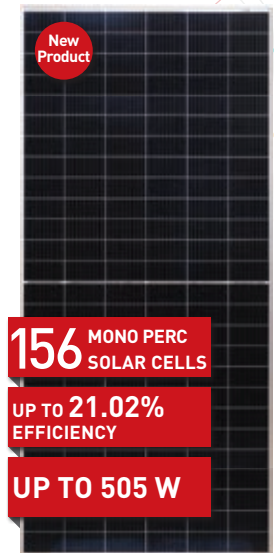
Monofacial  
Multi Busbar solar module  
with M6 cells



Somera Series 6  
All Black-120cells<sup>^\*\*\*</sup>



Somera Series 6 - 144cells<sup>^</sup>



Somera Series 6 - 156cells<sup>^</sup>

<sup>^</sup>Commercially available from Q3 FY 20-21 | <sup>\*\*</sup>Also available with silver frame & silver backsheet

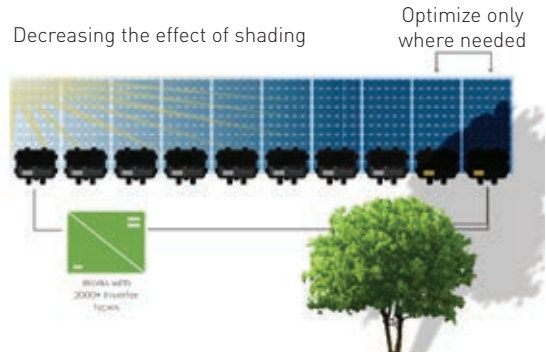
# SOLIVO

HIGH EFFICIENCY SMART PV MODULE



POWERED BY **TIGO**  
**380-405 W**  
 RANGE  
 UP TO **30% MORE**  
 ENERGY DELIVERED

Solivo Series\*\*



INTEGRATED WITH TIGO'S TS4 PLATFORM



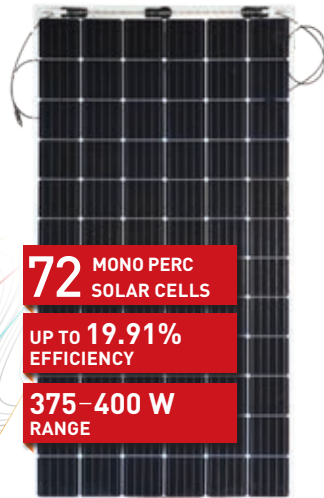
INTERCHANGEABLE COVERS FOR CHOICE OF FUNCTION

\*\*Available with Poly and Mono PERC 60/72 cells

# somera

HIGH EFFICIENCY MONO-SI PV MODULES

Bifacial & Monofacial  
 5 Busbar solar module  
 with G1 cells



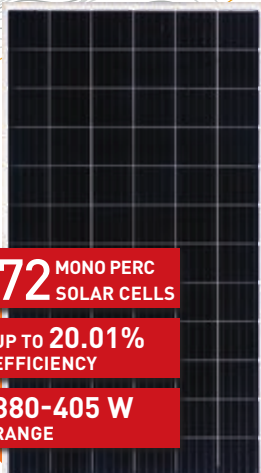
**72** MONO PERC  
 SOLAR CELLS  
 UP TO **19.91%**  
 EFFICIENCY  
**375-400 W**  
 RANGE

Somera P-Duplex 72 (Frameless)<sup>1</sup>  
<sup>1</sup>Also available with frame and transparent backsheet - up to 15% bifacial gain



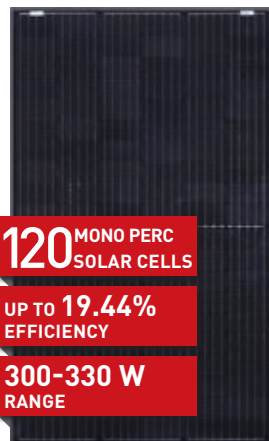
**144** MONO PERC  
 SOLAR CELLS  
**BIFACIAL**  
 MODULE  
 UP TO **460 W**

Somera P-Duplex-144cells  
 (Glass to Transparent Backsheet)



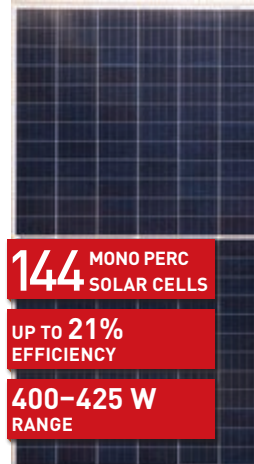
**72** MONO PERC  
 SOLAR CELLS  
 UP TO **20.01%**  
 EFFICIENCY  
**380-405 W**  
 RANGE

Somera Grand Ultima



**120** MONO PERC  
 SOLAR CELLS  
 UP TO **19.44%**  
 EFFICIENCY  
**300-330 W**  
 RANGE

Somera Ultima Plus - All Black

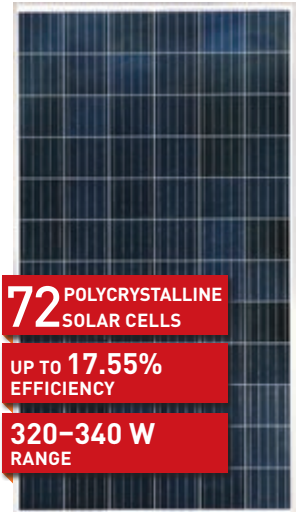


**144** MONO PERC  
 SOLAR CELLS  
 UP TO **21%**  
 EFFICIENCY  
**400-425 W**  
 RANGE

Somera Grand Ultima Plus

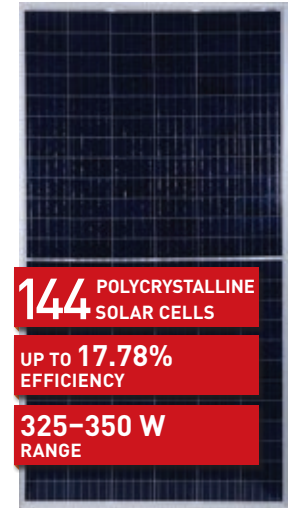
# ELDORA

HIGH EFFICIENCY POLY-SI PV MODULES



**72** POLYCRYSTALLINE  
 SOLAR CELLS  
 UP TO **17.55%**  
 EFFICIENCY  
**320-340 W**  
 RANGE

Eldora Grand Ultima



**144** POLYCRYSTALLINE  
 SOLAR CELLS  
 UP TO **17.78%**  
 EFFICIENCY  
**325-350 W**  
 RANGE

Eldora Grand Ultima Plus

**8.55 MW**

Photo Courtesy by Eitri Foundry

CLIENT ..... Grafton &amp; Montpelier Solar Park

LOCATION ..... Ohio, USA

TYPE ..... Ground-mounted



Photo Courtesy by ENGIE Fabricom

**5 MW**

CLIENT ..... Engie Fabricom

LOCATION ..... Kent, UK

TYPE ..... Ground-mounted



Photo Courtesy by Greencells USA Inc.

**4.2 MW**

CLIENT ..... Greencells USA Inc.

LOCATION ..... Charlotte, North Carolina, USA

TYPE ..... Ground-mounted



Photo Courtesy by TESCO Engineering/Inergion

**1 MW**

CLIENT ..... Inergion S.A.

LOCATION ..... Kastoria, Greece

TYPE ..... Ground-mounted



Photo Courtesy by Energiateenus

**500 kW**

CLIENT ..... Energiateenus

LOCATION ..... Tallinn, Estonia

TYPE ..... Rooftop



INTERNATIONAL REFERENCES\*

\* Projects with Vikram Solar modules



**312 kW**

Photo Courtesy by Finnwind Oy

CLIENT ..... Finnwind Oy  
 LOCATION ..... Helsinki-Vantaa Airport, Finland  
 TYPE ..... Rooftop



**318.25 kW**

Photo Courtesy by Solarsense

CLIENT ..... Solarsense  
 LOCATION ..... Northacre, UK  
 TYPE ..... Rooftop



**300 kW**

Photo Courtesy by TESCO Engineering/Inergion

CLIENT ..... TESCO Engineering/Inergion  
 LOCATION ..... Almyros, Greece  
 TYPE ..... Rooftop



**249.9 kW**

Photo Courtesy by Southern Solar Ltd.

CLIENT ..... Southern Solar Ltd.  
 LOCATION ..... Leominster, UK  
 TYPE ..... Ground-mounted



**216.25 kW**

Photo Courtesy by Southern Solar Ltd.

CLIENT ..... Southern Solar Ltd.  
 LOCATION ..... Kent, UK  
 TYPE ..... Rooftop

VIKRAM SOLAR

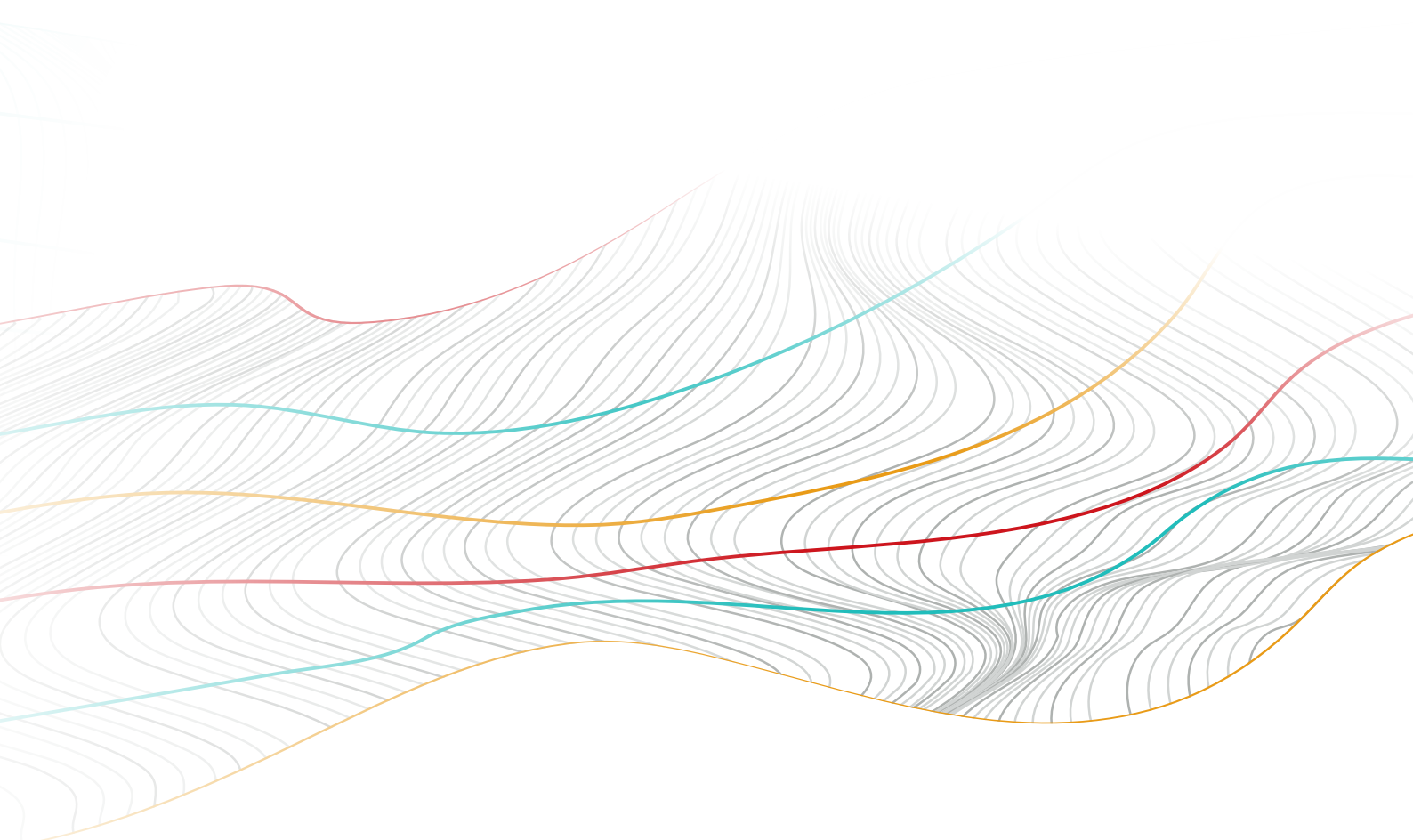
# EPC SOLUTIONS



“ We are pleased to join hands with Vikram Solar for this prestigious project, which will set a benchmark in the country. ”

**Sunil Wadhwa**

Managing Director of IL&FS Energy, India



## EPC KEY FACTS

# OUR PROJECTS ...

We are an independent EPC solutions provider, catering to Indian and international markets for all solar EPC solutions.

**O**ur involvement ranges from concept to execution, commissioning and acquisition of developed sites and maintenance of completed solar arrays throughout their lifetime.

We deliver reliable, durable, risk-free, and high yielding projects by using quality multi-system products.

Over the last few years, we have delivered large scale solar PV plants under various solar policies, like Jawaharlal Nehru National

Solar Mission, IREDA scheme, and other state solar policies across states like Rajasthan, Madhya Pradesh, Chhattisgarh, Gujarat, Telangana, Tamil Nadu and Odisha.

Vikram Solar builds and commissions solar power plants on time and within budget. With our sophisticated real-time monitoring system, we ensure that the performance of our customer's solar power plants meets or exceeds the forecasted output.

## Selected components used in our solar plants



# ... YOUR SATISFACTION

## EXTENSIVE EXPERIENCE

Proven track record of more than 1275 MW\* of Ground Mounted solar capacity in India

## BEST IN CLASS DESIGN AND ENGINEERING QUALITY

Thorough quality checks every phase of EPC

## CUSTOMIZED SOLUTIONS

India's 1st floating solar power plant

## DELIVERY FOCUSED APPROACH

Timely delivery and commitment

## DIVERSE PORTFOLIO

Wide-ranged EPC experience in building solar plants in difficult terrains, high altitudes, coastal areas & water bodies



\*Till September 2020, Includes ongoing

## EPC REFERENCES

# FOR INSTANCE:

We have vast experience in small scale as well as large scale solar projects. Have a look at our track record.



## 200 MW

CLIENT ..... APGENCO

LOCATION ..... Ananthapuramu, Andhra Pradesh

TYPE ..... Ground-mounted

MODULE TYPE ..... Polycrystalline 320 - 330 Wp



## 130 MW

CLIENT ..... NTPC Ltd.

LOCATION ..... Bhadla, Rajasthan

TYPE ..... Ground-mounted

MODULE TYPE ..... Polycrystalline 295 - 320 Wp



## 80 MW

OWNER ..... Gujarat Industries Power  
Company Limited

LOCATION ..... Charanka, Patan, Gujarat

TYPE ..... Ground-mounted

MODULE TYPE ..... Polycrystalline 315 - 325 Wp



**50 MW**

CLIENT ..... NTPC Ltd.  
 LOCATION ..... Mandsaur, Madhya Pradesh  
 TYPE ..... Ground-mounted  
 MODULE TYPE .. Polycrystalline 295 - 325 Wp



**40 MW**

CLIENT ..... Malwa Solar  
 LOCATION ..... Kachaliya, Madhya Pradesh  
 TYPE ..... Ground-mounted  
 MODULE TYPE ..... Polycrystalline 230 - 255 Wp



**20 MW**

CLIENT ..... WBSEDCL  
 LOCATION ..... Patni and Salboni, Paschim Medinipur, West Bengal  
 TYPE ..... Ground-mounted  
 MODULE TYPE.. Polycrystalline 265 - 270 Wp



**10 MW**

CLIENT ..... BEL  
 LOCATION ..... Itarsi, Hoshangabad, Madhya Pradesh  
 TYPE ..... Ground-mounted  
 MODULE TYPE.. Polycrystalline 265 - 270 Wp



**10 MW**

CLIENT ..... Oil and Natural Gas Corporation Limited  
 LOCATION ..... Hazira, Surat, Gujarat  
 TYPE ..... Ground-mounted  
 MODULE TYPE ..... Polycrystalline 255 - 265 Wp



**5 MW**

CLIENT ..... Bharat Dynamics Ltd.  
 LOCATION ..... Ibrahimpatnam, Ranga Reddy, Telangana  
 TYPE ..... Ground-mounted  
 MODULE TYPE ..... Polycrystalline 265 - 270 Wp

“ The entire 400 kW rooftop installation was completed and commissioned within the stipulated time frame. In the future, we intend to collaborate with Vikram Solar once again since the service and quality provided by them has been beyond satisfaction. ”

**Swarna Gopalan**

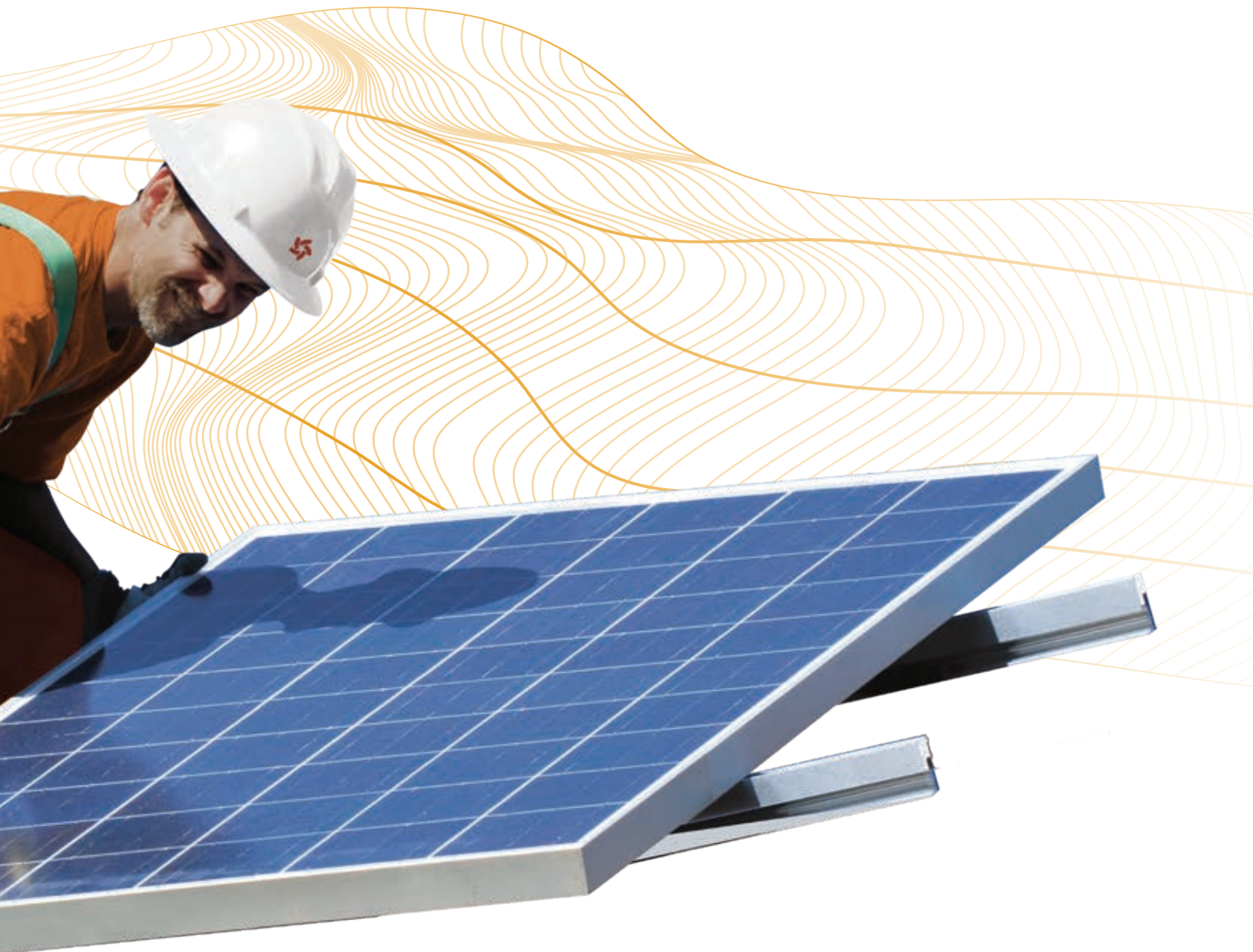
Senior General Manager, Anmol Biscuits Limited





VIKRAM SOLAR

# ROOFTOP SOLUTIONS



## VIKRAM SOLAR ROOFTOP

# WHY ROOFTOP SOLAR?

Vikram Solar continuously ranks amongst the top three Rooftop Installers in India.

**V**ikram Solar has over 250<sup>^</sup> rooftop projects spread across more than 500 sites in India. Our rooftop EPC portfolio comprising of government clients such as ISRO, IOCL, HPCL, SBI, Indian Railways, IIRS, BARC, ONGC, WBSEDCL, NTPC, BDL, DLW, WBPDC and AAI; whereas Private Sector solar enthusiasts from Maruti Suzuki India Limited, SL Group, GE, Keventers, Parijat Industries, IMFA, Century Ply, KBL, VIT & VIIT, Hindusthan Zinc Ltd. and Anmol Biscuits, among many others, have further strengthened our resolve.

- Economical alternative power solutions resulting in electricity costs savings
- High efficiency - utilizations of roofspace
- Conducive environmental policy for rooftop solar
- Good investment option: high equity IRR and expected payback within 4 years\*
- Enables fulfillment of RPO obligation

## WIDE-RANGED ROOFTOP SOLAR EPC EXPERIENCE

with project presence across India

## SYSTEM INTEGRATOR GRADING OF SP1A

indicating highest performance capability & high financial strength

## FIRST COMPANY TO BUILD SOLAR PV ROOFTOP ARRAY

on world's first 100% solar powered airport

## STANDARD CUSTOMISED SOLUTIONS TO USER NEEDS

with various business models

## 27 YEARS

Linear Performance  
Warranty on modules

# WHAT MAKES US THE 1ST CHOICE



## ROOFTOP REFERENCES

## ON TOP

Vikram Solar has over 250<sup>+</sup> rooftop projects spread across more than 500 sites in India.

**5000 kW**

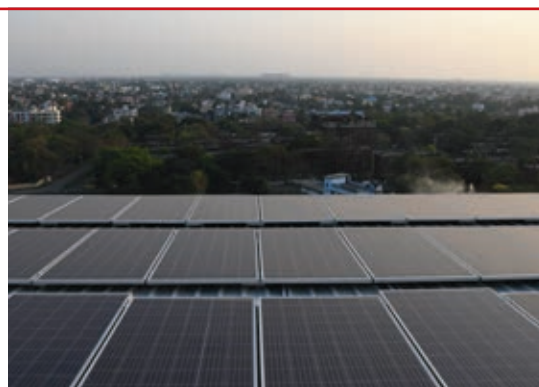
CLIENT ..... Maruti Suzuki India Limited  
 LOCATION ..... Gurugram, India  
 TYPE ..... Carport  
 MODULE TYPE ..... Monocrystalline – 370 Wp

**4344 kW**

CLIENT ..... Indian Oil Corporation Ltd.  
 LOCATION ..... Multiple Cities, India  
 TYPE ..... Rooftop  
 MODULE TYPE ..... Monocrystalline – 345 Wp  
 ..... Polycrystalline – 325 Wp

**3272 kW**

CLIENT ..... WBPDC  
 LOCATION ..... Bakreswar and Santaldih,  
 West Bengal  
 TYPE ..... Rooftop  
 MODULE TYPE ..... Polycrystalline – 320 Wp

**2530 kW**

CLIENT ..... Century Plyboards (I) Ltd.  
 LOCATION ..... Multiple Cities\*, India  
 TYPE ..... Rooftop  
 MODULE TYPE ..... Monocrystalline – 325 Wp  
 ..... Polycrystalline – 320 Wp

\*Kolkata, Chennai, Kandla and Hosiarpur



**2150 kW**

CLIENT ..... Keventer Agro Ltd.  
 LOCATION ..... Kolkata, West Bengal  
 TYPE ..... Rooftop  
 MODULE TYPE ..... Monocrystalline - 345 Wp



**2000 kW**

CLIENT ..... Netaji Subhash Chandra Bose International Airport - AAI  
 LOCATION ..... Kolkata, West Bengal  
 TYPE ..... Rooftop  
 MODULE TYPE ..... Polycrystalline - 260 Wp



**1500 kW**

CLIENT ..... Kirloskar Brothers Limited  
 LOCATION ..... Pune, Maharashtra  
 TYPE ..... Rooftop  
 MODULE TYPE ..... Polycrystalline - 320 Wp



**1420 kW**

CLIENT ..... SL Group  
 LOCATION ..... Nagaur, Rajasthan  
 TYPE ..... Rooftop  
 MODULE TYPE ..... Polycrystalline - 315 Wp



**725 kW**

CLIENT ..... Dibrugarh Airport - AAI  
 LOCATION ..... Dibrugarh, Assam  
 TYPE ..... Carport  
 MODULE TYPE ..... Monocrystalline - 345 Wp



**SPECIAL PROJECT  
 10 kW**

CLIENT ..... Arka Renewable Energy College  
 LOCATION ..... New Town, Kolkata, West Bengal  
 TYPE ..... Floating  
 MODULE TYPE ..... Polycrystalline - 210 - 215 Wp

“Businesses succeed  
when societies  
themselves succeed.”

**Ban Ki-moon**

Ex-Secretary General of the United Nations



VIKRAM SOLAR

# ACTIVE CSR



## ACTIVE CSR KEY FACTS

# A BRIGHTER TOMORROW

The philosophy of 'Janambhumi' and 'Karambhumi' is at the core of Vikram Solar's CSR activities - the first being the place where one is born and the later being the place where one works hard to establish self-identity. Our CSR focus is to give back to the society - both, the 'Janambhumi' and the 'Karambhumi'.

**A** community that enjoys good health, stable income, sound infrastructure and a clean environment was envisioned by Shri H.K. Chaudhary, Chairman of Vikram Group.

He set out to achieve his dream of spearheading a business empire in Kolkata while upholding his vision of a healthy, content and prosperous society.

Vikram Group's welfare programmes for the communities in and around Bahal in Haryana, India are steered under the aegis of Ballaram Hanumandas Charitable Trust. The Trust plays a pivotal role in transforming the lives of people across India.

We have adopted a three-pronged approach to our extensive CSR work:

- Educating the masses for the overall progress of the community
- Undertaking activities that are within and beyond the conventional realms of CSR
- Initiating development programmes that completely transform the community and provide them with opportunities to live a better life.



## ENVIRONMENT

Consolidating efforts for a cleaner world

## LIVELIHOOD GENERATION

Guiding people to live a life of dignity

## COMMUNITY WELFARE

Nurturing communities and aiding progress

## EDUCATION

Enlightening young minds through formal education

## HEALTH & WELLNESS

Access to healthcare for those in need



## ACTIVE CSR CASE STUDIES

# HOW WE CARE

As a contribution to the 'Janambhumi', our welfare programs for the communities in Bahal, Haryana have played a pivotal role in transforming the lives of people.

## EDUCATIONAL



## Nanhe Kadam

### Evening School for Classes I-VII

'Nanhe Kadam' is a free evening school run by the BRCM trust for students of Class I - VIII at BRCM Public School situated in Gyankunj. Currently around 300 children from less fortunate families of Bahal attend and receive free education from the teachers of the school.

In addition to education, the children also receive uniforms, books and stationaries. Meals and healthcare support are also provided as part of the 'Nanhe Kadam' program.

## ENVIRONMENTAL



## Urmila Chaudhary Dairy Farm

### Milk and Butter for Charity

Established using advanced automated technology from Israel, 'Urmila Chaudhary Dairy Farm' is home to 100 cows that produce more than 700 litres of milk every day. The state-of-the-art technology aims to create a comfortable natural environment for the cows while allowing efficient milking, appropriate use or disposal of byproducts and cleanliness of the premises.

Urmila Chaudhary dairy farm caters to the dairy requirements of the company's 'Annapurna Mess', making the process far more sustainable. A dedicated Milk Processing Unit has been set up to produce ghee (clarified butter) that is used by the school mess and the people of the community.



### Self Help Group for Women

#### Skill-based Training Programme for Women

Vikram Solar has joined hands with the National Bank for Agriculture and Rural Development (NABARD) to set up Self-Help Groups (SHGs) for women in Haryana. The initiative is a part of 'Gramin Vikas Prakosth', a rural development programme. Women are offered skill-based capacity enhancement training in areas such as handicraft making, tailoring, cooking, beautician, gardening, carpentry, pickle making, etc. The Company has also helped these women become financially independent by setting up their savings bank accounts with various banks.

LIVELIHOOD  
GENERATION



### Manav Kalyan Hospital

#### Multi-Speciality Charitable Hospital

Manav Kalyan Hospital is a 30-bed charitable healthcare centre that plays a pivotal role in making advanced medical facilities available to the residents of Bahal and the surrounding 145-150 villages in Haryana. The hospital has a team of specialist doctors offering check-ups, X-rays and treatment free or at subsidized rates. With a dedicated Operating Theatre, the hospital is well-equipped for surgical interventions in areas of eye, ENT, dentistry, pediatrics, gynaecology and other general ailments. Manav Kalyan Hospital also offers ambulance service to nearby states in case of emergencies.

HEALTH



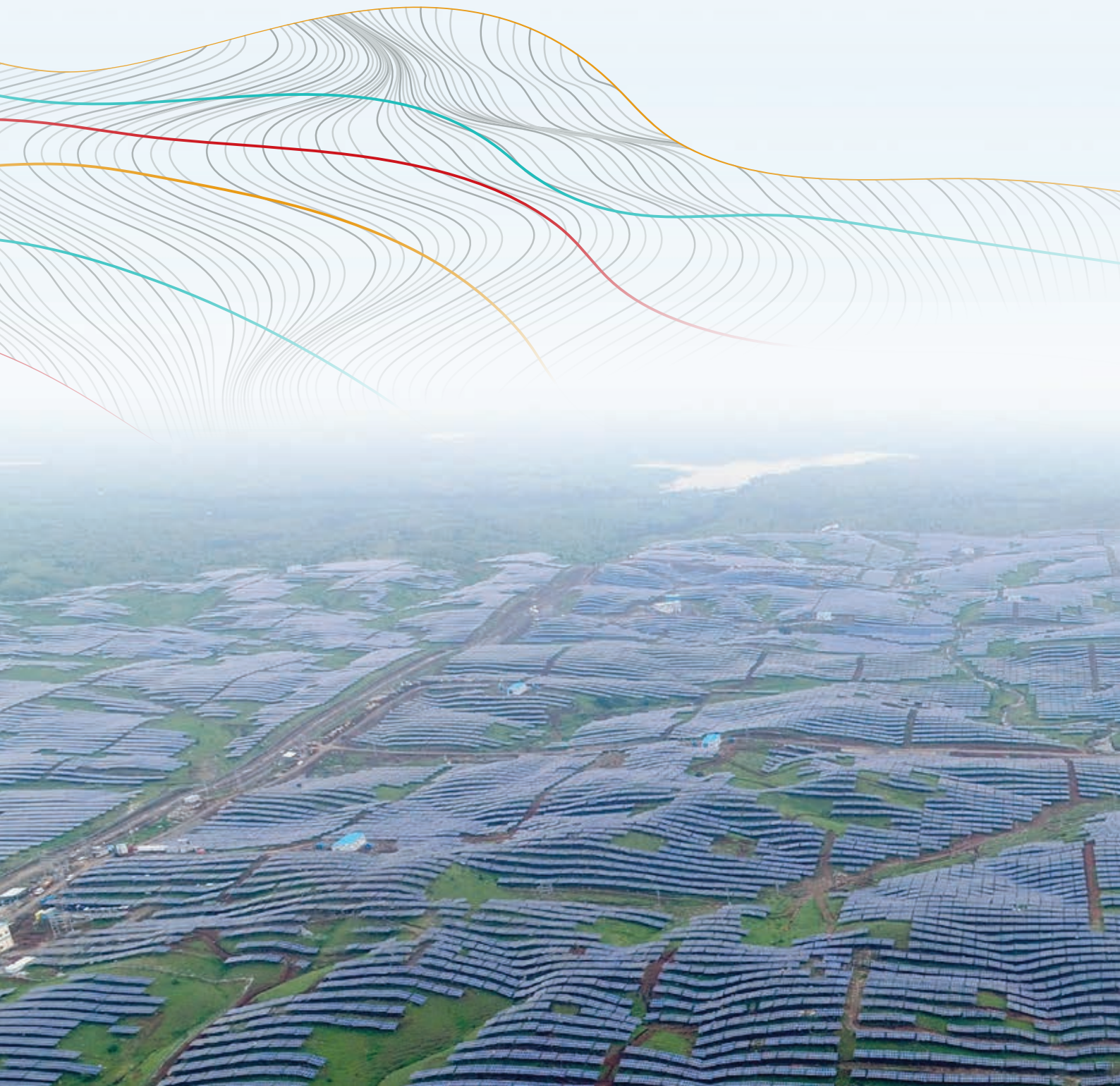
### Rajiv Gandhi Stadium

#### Outdoor Stadium to Encourage Youth Sports

Focussed on encouraging sports in the community, Vikram Solar has undertaken the task of managing the infrastructure and activities at the Rajiv Gandhi Stadium in Bahal, Haryana. In addition to hosting the yearly 'Gramin Khel Mahotsav', the stadium also offers regular coaching classes in games like kabaddi, athletics, wrestling, basketball, volleyball, judo and boxing. Vikram's sports initiatives have encouraged more and more girl children to take part in the sporting activities and excel in the field of sports.

COMMUNITY

# VIKRAM SOLAR SUMMARY



“ I’d put my money on the sun and solar energy. What a source of power! I hope we don’t have to wait until oil and coal run out before we tackle that. ”

**Thomas Edison**

Inventor



## VALUES

# WHY CHOOSE VIKRAM SOLAR?

We are building the future and leading the growth, demonstrating unmatched integrity, responsibility, excellence, and constant development.

## Responsibility

**Responsible business values:** We believe that any business we venture into must be socially valuable. Helping people, societies and countries at large is our chief focus to achieve growth.

**Responsible societal values:** We make a positive difference to the communities we are a part of. We have helped millions lead a better life by empowering them through access to education, health, sanitation and employment.

**Responsible environmental values:** We respect our environment and it reflects in our decision making. We help our customers do the same by providing clean, efficient and healthy solutions and products.

## Excellence

Our commitment to achieve the highest standards in our daily work reflects in the quality of the products and services we provide.

Customer satisfaction being our prime focus, we always aim to achieve more excellence than our customers expect.

## Constant Development

Delivering better value to our customer through continuous improvement in quality, swiftness and service is in line with our futuristic outlook towards business and growth.

We encourage ideas and innovation to flow freely and we continuously focus on non-conventional thinking.

## Integrity

Integrity is imbued in our nature. We have always conducted and supported a culture of fair business conduct and transparency.

By demonstrating honesty in all our business dealings, we have built trust among all our customers, dealers and other parties who have been engaged with us.

## DURABILITY

Industry leading warranty terms of 27 years

## INNOVATION

Built India's 1st floating solar power plant

## BANKABILITY

India's 1st Tier 1\* PV module manufacturer



## EXPERIENCE

Proven track record of more than 1275 MW<sup>1</sup> of Ground Mounted EPC in India

## GLOBAL REACH

More than 2.4 GW<sup>^</sup> of modules shipped globally

## TOP PERFORMER

in PVEL PQP Module Reliability Scorecard<sup>#</sup>

<sup>1</sup>Till September 2020, Includes ongoing | <sup>^</sup>December 2019 | <sup>#</sup>2017,2019,2020 \*Bloomberg NEF

## CUSTOMERS &amp; PARTNERS REFERENCES

# SOME OF OUR SATISFIED CUSTOMERS





“ Quality, performance and durability of the solar panels were key criteria for choosing Vikram Solar and Finnwind for this project. ”

**Janne Tarvainen**

Managing Director of Finnair Cargo



## CUSTOMERS &amp; PARTNERS TESTIMONIALS

# WHAT IS SAID ABOUT US



We are glad to partner with Vikram Solar through our Amicus Solar Cooperative, on this portfolio. Vikram Solar has demonstrated that customer satisfaction is a priority, and we look forward to additional partnership opportunities in the future.

**Greg White**

Founder at Southern Current, USA

With Vikram, we believe that this rate of growth will now increase dramatically, based on the higher harvesting density, and the technical competence that underscores the product's design, superior performance and the longevity of Vikram modules.

**Jesse Stubbs**

President and CEO, Clean Energy, USA

When serving our discerning trade partners and customers, we depend on partners like Vikram Solar to produce and supply reliable solar modules that are proven to meet our exact requirements.

**Joachim Rupp**

Managing Director,  
Viessmann  
Photovoltaik GmbH

Contribution to Green energy shift is another step towards upholding India's values mission and vision. Given the quality of execution and after sales customer service accorded by Vikram Solar, they will be paramount in our decision making for all similar ventures in the future.

**Rahul S Surwade**

Manager,  
Parijat Industries, India

Green energy has always been on our radar and we are happy to have partnered with Vikram Solar, a front runner in this regard. Their proven record of expertise in such projects has been reinforced with this plant. Apart from providing energy solutions, this project will also create employment opportunities for the locals.

**Pragun Jindal Khaitan**

Managing Director,  
Jindal Aluminium  
Limited

Green energy shift was always a part of our plan to become a part of the national Green Energy Revolution and we are glad to have succeeded in ushering into the renewable hemisphere. Our intention was to contribute towards the Solar Mission of the country and actively address the issue of global warming. Vikram Solar, with its 12 year old history and steps undertaken by the company to help other industries contribute to the environmental longevity, played a pivotal role in helping us make this vision a reality. We look forward to having future associations with them across different functioning units in India.

**Keshav Bhajanka**

Executive Director, Century Ply, India

Vikram Solar enjoys a very good reputation among the group's various solar companies. We had an extremely tight schedule for the construction of our 5 MW solar park in Kent (UK). We identified Vikram Solar as one of our preferred module suppliers. The competitive offer, timely delivery and extreme hands-on customer service even beyond project completion, has given us enough confidence to continue working with Vikram Solar also outside the UK.

**Eric Rosier**

General Manager,  
Engie Cofely Fabricom

Meyer Burger is proud to be Vikram Solar's preferred strategic technology partner for selected cell and module manufacturing equipment. The MoU has helped Vikram Solar to expand its position to become a dominant company in the global PV industry. Besides, it has also strengthened the relationship between the two companies.

**Hemal Ghelani**

Vice President & General Manager,  
Meyer Burger India Pvt. Ltd.

Vikram Solar Limited has done excellent job of completing 1300 kW solar power plant installation & commissioning at our M/s Shubhlaxmi Cotton Pvt. Ltd. & SL Nutrition Pvt. Ltd. plants at Nagaur, Rajasthan.

**Dharmendar Taparia**

Managing Director, SL Group

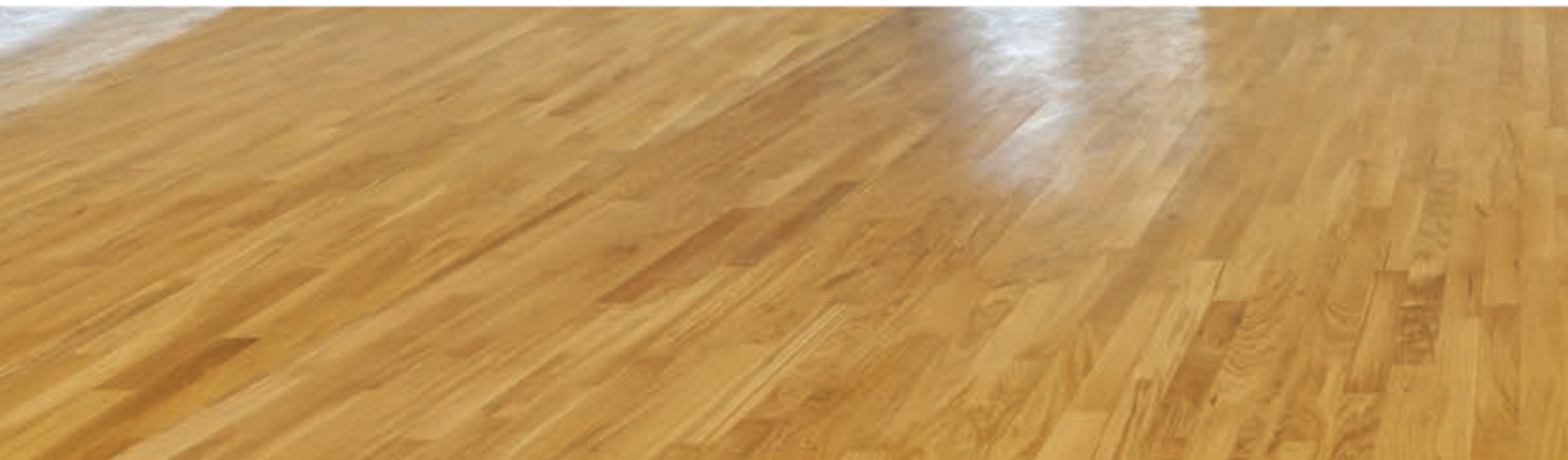


## LIST OF AWARDS

# OUR ACHIEVEMENTS

Historical milestones and a range of accomplishments illustrate our company's journey - here is an overview:

- **2013 ET Bengal Corporate Award** for New Entrepreneurial Venture with Turnover of more than INR 30 Crore
- **2014 FICCI Good Practices & Quality Excellence Award** in Manufacturing
- **2015 CII Award** for Quality
- **2015** Leading Renewable Energy Manufacturer – Solar Award at **REI Awards**
- **2016 Rooftop Solar EPC Company of the Year** Award for Industrial Projects by Firstview Group
- **2016 ET Bengal Corporate Award** for Fastest Growing Company in INR 300–1000 Crore category
- **2016 National Excellence Awards 2016** for Rooftop Solar Power Projects in the Domestic Solar Module Manufacturer category
- **2017 ET Bengal Corporate Award** for Fastest Growing Company & Highest Job Creator
- **2017 6th EPC World Awards** for Outstanding Contribution in Renewable Energy EPC
- **2017 CII Award** for Active Customer Engagement in Manufacturing (Large Business Organizations)
- **2017** Leading Renewable Energy Manufacturer - Solar Modules at 3rd Edition of **REI Awards**
- **2018 ET Bengal Corporate Award** for Fastest Growing Company Above INR 1000 Crore Category
- **2018 Zee Business Dare to Dream Award 2018** Kolkata edition
- **2018 Kolkata Best Employer Brand Award 2018** by CHRO Asia
- **2018 West Bengal Manufacturing Leadership Award 2018 - Solar Sector** by World Quality Congress

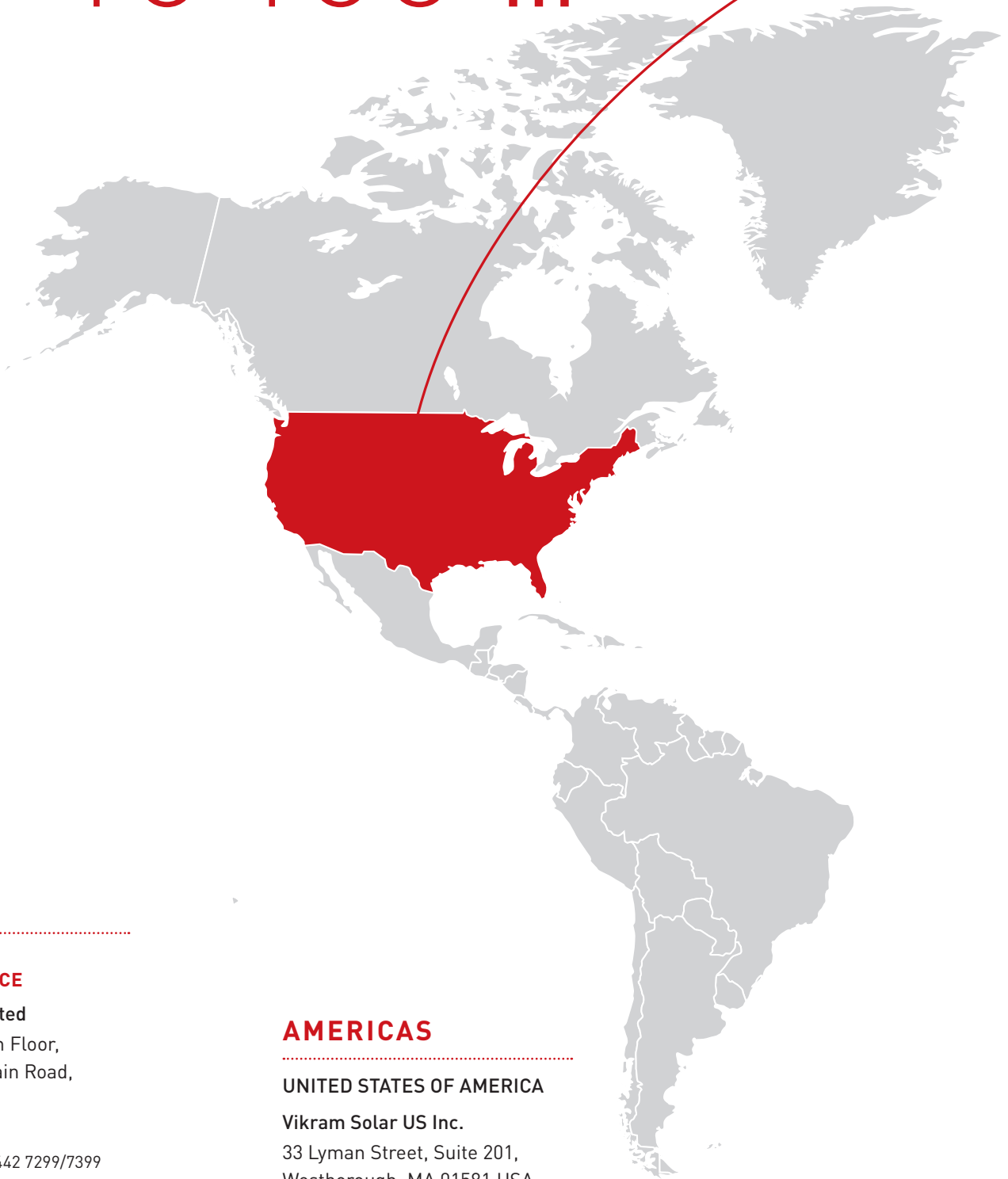


- **2019 Best Contribution in Solar Energy Award** by MNRE at CBIP Awards
- **2019 Best performing Module of the Year Award** by RE Assets
- **2019 Outstanding Contribution in Renewable Energy EPC Award** at 8th EPC World Awards
- **2019 Rail Analysis Innovation and Excellence Award** for Achievement in Solar Energy Utilisation by Rail & Metro Awards
- **2019 CII Award** for Active Customer Engagement in Manufacturing (Large Business Organizations)
- **2019 Smart Cities: India's Most Preferred Brands Award**
- **2019 Pride of Bengal Award** by The Round Table of India and ICC Young Leader's Forum
- **2019 Best Employer Brand Award** for Kolkata by World HRD Congress



## GLOBAL PRESENCE

# WE ARE CLOSE TO YOU ...



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