

# INSIDE RENEWSYS

## NEWSLETTER

## MESSAGE FROM THE VC & MD



RenewSys has been a pioneer when it comes to **best in class solar technology**. We are the biggest manufacturers of Encapsulants in India and our solar panels are the best panels to be **MADE IN INDIA**.

We are the **first and only manufacturer to achieve 5 star rating for our panels** from the Bureau of Energy Efficiency, which proves our commitment to quality and our drive to be the best solar panel manufacturers.

We are working on **contributing to the targets set by ALMM** and our Hon'ble Prime Minister Narendra Modi to bring about widespread use and dependence on Solar Energy in India.

### About The VC & MD:

Avinash Hiranandani is a seasoned professional with more than 35 years of experience. He currently serves as the Vice Chairman and Managing Director of RenewSys India Pvt. Ltd., a leading solar PV manufacturer and the renewable energy arm of the ENPEE Group. Under his leadership, RenewSys has achieved significant milestones, including a remarkable 20x growth in revenue within a short span.

### About RenewSys:

RenewSys is the first integrated manufacturer of Solar PV Modules and its key components – (Encapsulants & Backsheets) with a high efficiency new cell line being installed. Headquartered at Mumbai, RenewSys is the 'Renewable Energy' arm of the ENPEE Group, an international conglomerate established in 1961, with a heritage of manufacturing excellence.

# India's **FIRST** and Only Solar Manufacturer with EcoVadis **Platinum** Rating



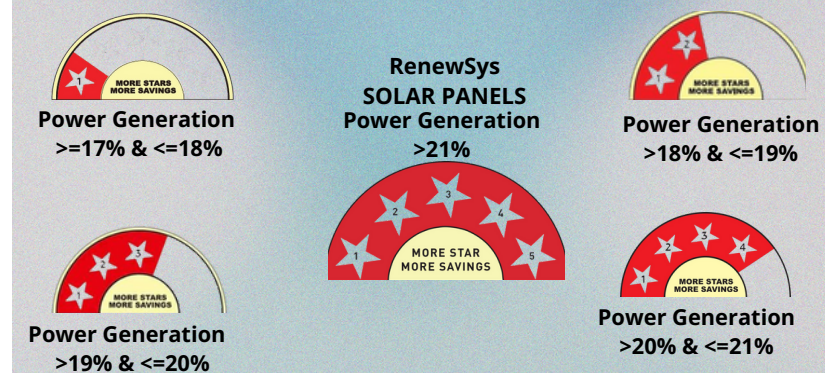
Out of 150,000+ companies assessed worldwide each year, RenewSys is in the **Top 1%** of companies rated by EcoVadis. As one of the **very first solar manufacturers** globally to receive this rating RenewSys has proven to be a leader in Sustainable Excellence.



## The First & Only Solar Panel Manufacturer with 5-Star Rated Solar Panels

RenewSys has become India's First Manufacturer to receive a **5 star rating** from the Bureau of Energy Efficiency. This Rating was awarded to the **144X** as well as the **156X Glass to Glass TOPCon** modules.

### BEE Star Efficiency Rating



The Bureau of Energy Efficiency (BEE) has set a rating system ranging from 1 to 5 stars, with **5 stars** indicating exceptional energy efficiency.



## INDIA'S FIRST NABL Certified Lab for Solar Components At Bengaluru



RenewSys' Bengaluru-based laboratory is NABL accredited and was India's first dedicated facility specializing in the testing of solar encapsulants, backsheets, and their raw materials. Unlike existing labs that primarily focused on complete PV module testing, this independently operated facility was the first-and remains the only one of its kind-to address the critical gap in material-level analysis.

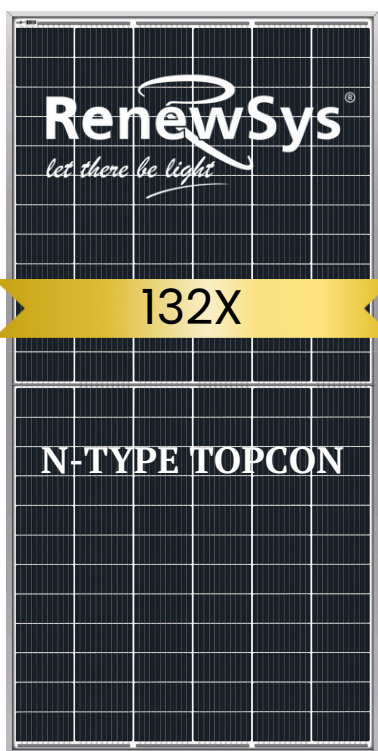
The lab combines certified testing protocols with deep industry expertise, strengthening India's solar supply chain. It rigorously evaluates essential parameters such as gel content, UV resistance, thermal shrinkage, adhesion strength, and optical properties like opacity and yellowness index. By ensuring high-quality materials, the facility helps prevent field failures and enhances the longevity of solar installations.

## RenewSys Recieves Recognition for Quality Excellence



"Par Excellence" and "Excellent" category awards at NCQC 2024: awarded to RenewSys at the National Convention on Quality Concepts (NCQC)

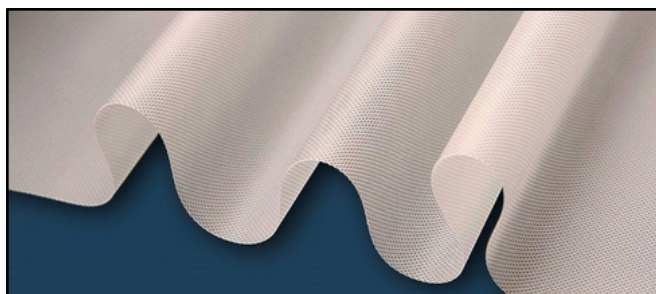
## 132X N-Type TOPCon



The 132X series is designed to deliver **superior energy output**, making it ideal for both utility-scale and rooftop solar installations.

## POE-ENT Encapsulant

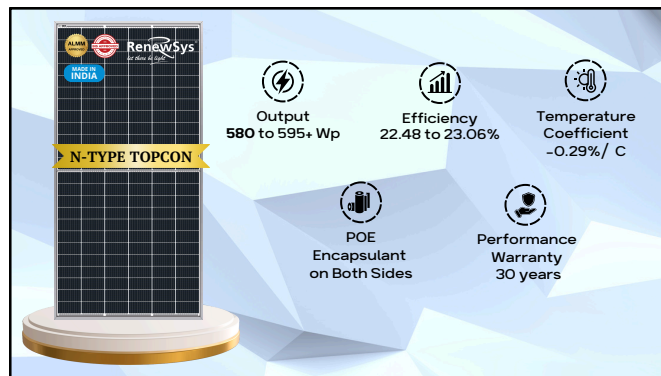
POE-ENT offers superior resistance to potential-induced degradation (PID) and possesses improved adhesion properties, making it highly reliable for high-efficiency solar modules like N-Type TOPCon.



## TOPCon with Transparent Backsheet

RenewSys has combined its TOPCon cell technology with a Glass to Transparent Backsheet panel, creating a **highly efficient module that is lighter than Double Glass Modules**.

RenewSys is working on Super Barrier Backsheet and POE encapsulant, U+ POE Encapsulant for short cycle time.



## Anti-Acid EVA Encapsulant

RenewSys has developed an Anti-Acid EVA Encapsulant specifically designed to **protect solar modules** by inhibiting the rate of formation of acetic acid.

### A Game Changer in Encapsulant Technology.

## Anti-Acid EVA Encapsulant



**New  
Launch**

# EXHIBITIONS



RE+ (USA)



REI (Noida)



I S Festival (New Delhi)



Solar + Energy (Nesco)



Intersolar (Gujarat) 2024



RE-V Expo (Lucknow)



R E Expo (Chennai)



Intersolar (Gujarat) 2025



## Modules and Cells: Coming Soon

RenewSys is working towards the mission set by **ALMM (Approved List of Models and Manufacturers)** order, issued by the **Ministry of New and Renewable Energy (MNRE)**, which aims to promote domestic solar manufacturing and ensure quality.



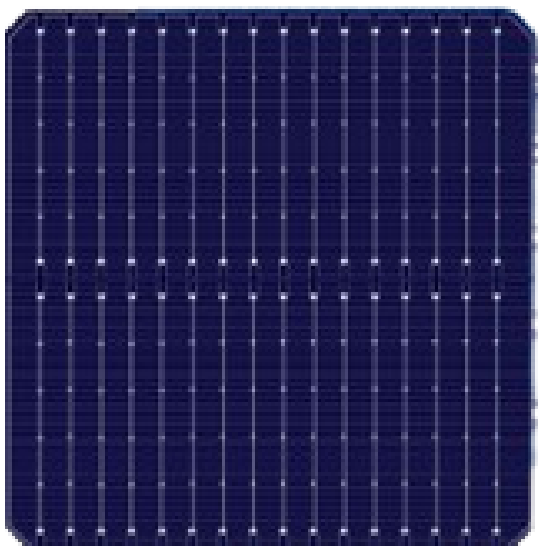
# 16 Acres

## Added to RenewSys' Mission



RenewSys adds **16 Acres** of Manufacturing built up space in **Khopoli** to the RenewSys Mission. This new addition will focus on the production of solar modules.

**COMING SOON: 2.5+ GW**  
**HIGH EFFICIENCY N-TYPE SOLAR PV CELLS**



RenewSys is setting up a new cell manufacturing line in **Hyderabad** with a planned capacity of 2.5 GW. This state-of-the-art facility will significantly boost the production of DCR (Domestic Content Requirement) solar modules, supporting India's push for locally manufactured solar components.

## RenewSys' Breakthrough Anti-Acid EVA Technology

12 February 2025, Mumbai: RenewSys, a leading manufacturer of PV Modules, Encapsulants and Backsheets, brings about a shift in the solar panel manufacturing space with its new and improved EVA Encapsulant. This latest technological achievement was engineered with a purpose - **to tackle a long standing issue that impacted the lifespan of solar modules.**

Corrosion of the metal parts of the cell and aging delamination is now avoidable with the **Anti-Acid EVA Encapsulant**, designed to inhibit the formation of acetic acid. This innovation is raising the bar for **performance and durability** in the industry, particularly for advanced module technologies like **TOPCon**.



*"Over the decades, **EVA has been the workhorse Encapsulant for solar modules**," explains Mr. Avinash Hiranandani, Vice Chairman and Managing Director at RenewSys. "However, the industry has always grappled with the issue of acetic acid formation over the service of PV modules, which corrodes the metal components of the cells and connectors, ultimately reducing its performance and lifespan."*

The Anti-Acid EVA Encapsulant from RenewSys directly addresses this critical pain point. Its **unique** material composition includes **acid-neutralizing and inhibiting properties** that prevent the formation of acetic acid, safeguarding the module's integrity.

Mr. Avinash Hiranandani elaborates, *"Our innovative formulation represents a significant leap forward in Encapsulant technology. It is specifically **designed to protect against acetic acid**, a common cause of degradation in solar modules. This is especially crucial for newer technologies like **TOPCon**, which are **more sensitive to chemical and moisture ingress**."*

RenewSys is the **first and only Indian manufacturer of this specialized Anti-Acid EVA Encapsulant**. This positions RenewSys as a leader in innovation and quality within the Indian solar manufacturing landscape. RenewSys is committed to **reducing the degradation rate of a module** during its lifetime, and this **latest invention** is a bold step in the **direction of increasing modular efficiency**.

About Us: RenewSys is the first integrated manufacturer of Solar PV Modules (5.5 GW) and its key components – Encapsulants (9 GW), Backsheets (4 GW) and a new cell line (2.5 GW) is being installed. Headquartered in Mumbai, RenewSys is the 'Renewable Energy' arm of the ENPEE Group, an international conglomerate established in 1961, with a heritage of manufacturing excellence. The Group has offices and distributors/agents in India, Mauritius, Nigeria, South Africa, Singapore, UAE, and representative offices in the USA, Mexico, Brazil, and countries across Europe.

Read more at [www.enpee.com](http://www.enpee.com). Learn more at [www.renewsysworld.com](http://www.renewsysworld.com)

## PROJECT IMAGES

### Rajasthan

Location: Pali  
Capacity: 5.15 MW



### Haryana

Location: Mansadevi  
Capacity: 2 MW



### Gujarat

Location: Patan  
Capacity: 4 MW



### Maharashtra

Location: Nagpur  
Capacity: 15 MW





## RenewSys to Supply 72.5 MWp TOPCon Solar Modules to Radiance Renewables

Mumbai, India, March 2025: RenewSys India Pvt. Ltd., recognized as the first integrated manufacturer of solar PV modules and its key components, has formalized an agreement with Radiance Renewables Private Limited. This partnership will see the supply of 72.5 MWp of advanced 590 Wp TOPCon Glass-to-Glass solar PV modules, with deliveries planned between December 2024 and March 2025.

Radiance Renewables Private Limited is a key player in India's renewable energy sector, specializing in customised solutions for the commercial and industrial (C&I) corporate customer market segment. This collaboration highlights our mutual commitment to advancing sustainable energy initiatives across the country.

The 144X TOPCon Glass-to-Glass Solar Panels, to be deployed, are expected **to deliver high efficiency with a low temperature coefficient** i.e at high temperatures, the loss of power will be lower than other module technologies. This will ensure consistent and efficient electricity generation at the site.



L-R: Dhawal Makwana (Sr. Manager-SCM), Manikkan Sangameswaran (Executive Director & CEO), Nandkumar Pai (Executive Director), Niranjana Girase (Manager-Sales), Rahul Galgate (DGM- Sales)

On this occasion, the **Vice Chairman and Managing Director of RenewSys, Mr. Avinash Hiranandani** said *"India is making significant strides toward clean energy, with a substantial focus on solar power. Together with Radiance Renewables, we aim to contribute to India's ambitious renewable energy goals, supporting initiatives that reduce carbon emissions and promote energy independence. The deployment of high quality modules of the latest technology will be the cornerstone to the lasting success of India's solar vision."*

Mr Manikkan Sangameswaran, Executive Director and CEO of Radiance Renewables commented that *"It is very encouraging to see high quality and latest technology modules manufactured and delivered by Indian companies like Renewsys that meet the exacting requirements of Corporate India focused IPPs like Radiance. We wish to continue building this partnership to meet our 1 GW+ pipeline of upcoming projects across multiple locations in India."*

RenewSys remains focused on setting industry standards in solar PV module manufacturing and key components, **emphasizing reliability and quality** in all its offerings. We are committed to delivering products that meet the evolving needs of our partners.

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Learn more at [www.renewsysworld.com](http://www.renewsysworld.com)

## PROJECT IMAGES

### Rajasthan

**Location:** Bikaner  
**Capacity:** 3.5 MW



### Assam

**Location:** Lanka  
**Capacity:** 2.25 MW



### Tamil Nadu

**Location:** Tuticorin  
**Capacity:** 45 MW



### Maharashtra

**Location:** Dhule  
**Capacity:** 25 MW



## RenewSys Awarded EcoVadis Platinum, India's First and Only Solar Manufacturer to Join Global Top 1% in Sustainability

Mumbai, India, May 2025: RenewSys India Pvt Ltd (RenewSys), India's first integrated manufacturer of solar PV modules and their key components, has achieved a historic milestone by earning the EcoVadis Platinum Rating – the highest level of sustainability recognition awarded by EcoVadis, the world's most trusted sustainability ratings platform.



*The achievement makes RenewSys the only solar manufacturing company in India to reach this elite global top 1% benchmark in sustainability performance.*

This prestigious rating was awarded by EcoVadis following a rigorous assessment of RenewSys' sustainability practices, placing the company among the **top 1% of organizations evaluated worldwide**. With this achievement, RenewSys becomes the **first and only solar manufacturing company in India** to earn the coveted **EcoVadis Platinum Medal**.

EcoVadis assesses companies across the globe on **21 sustainability criteria** grouped under four key pillars: **Environment, Labour & Human Rights, Sustainable Procurement, and Ethics**. With an impressive score of 86/100, RenewSys ranks in the top 1% percentile globally, setting a new sustainability benchmark for both the Indian and international renewable energy sectors. What makes this award particularly significant is that EcoVadis calculates percentile ranks **across companies in all industries**, not on a per-industry basis – underscoring the outstanding nature of RenewSys' achievement.

**Avinash Hiranandani, VC & MD at RenewSys**, commented: *"We are proud and honoured to receive this platinum medal for sustainability, which is the core of everything we do here at RenewSys. As a key player in the solar industry, RenewSys has always led by example through its advanced manufacturing facilities and its strong focus on innovations and social responsibility. So, this Platinum Rating is not just an insignia, it is an assurance and commitment to customers, partners and the community."*

At a time when sustainability is no longer just a choice but a shared global responsibility, this recognition further strengthens RenewSys' position as a trusted, future-ready solar partner and a leader in driving sustainable transformation globally.

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**About EcoVadis:** It is a globally recognized platform that provides sustainability ratings for businesses, assessing their environmental, social, and ethical performance. The EcoVadis assessment evaluates companies across four key themes: Environment, Labor & Human Rights, Ethics, and Sustainable Procurement, resulting in a score between 0 and 100. Based on this score, companies may receive ratings of—Bronze, Silver, Gold, or Platinum—with Platinum awarded to the top 1% of performers.

Learn more at [www.renewsysworld.com](http://www.renewsysworld.com) . Learn more at [www.ecovadis.com](http://www.ecovadis.com)

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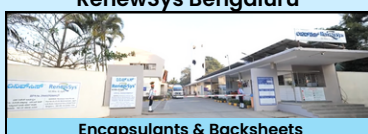


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## Renewsys Manufacturing Facilities

RenewSys Bengaluru



Encapsulants & Backsheets

RenewSys Hyderabad



Modules & Cells

RenewSys Khopoli



Modules

RenewSys Patalganga



Modules