

## STARTING STRONG FOR A BRIGHT YEAR!

**RenewSys**, the first integrated module manufacturer and **India's largest Encapsulant & Backsheet supplier** have scaled up our **Encapsulant production to 4 GW** at Bengaluru. EPE, POE, and EVA are all available from this facility.

With the new Encapsulant line already on order, this consolidates our position as market leaders. Our plan to scale up to 11 GW of Encapsulants (EVA, POE & EPE) in a phase-wise manner, is also on target.

Domestic module manufacturers make up our biggest consumer base, and a large number of our products have been adapted and adopted by the Indian PV industry to keep them abreast with international standards.

Encapsulants are a crucial solar module component. They provide adhesion, cushioning, and electrical insulation, and hold the entire solar PV module or solar panel together.

As the undisputed leader of the Indian PV polymer industry, RenewSys has ensured that we develop and make available, ultra-modern, value-for-money offerings to support the Indian solar industry's exponential growth.

This has meant dedicating extensive resources and training our personnel to ensure that we are truly at par with the global industry. These efforts have also helped us establish a footing in globally mature PV markets like Europe.

Avinash Hiranandani,  
GCEO & Managing Director,  
RenewSys India Pvt. Ltd.



## TECH FIRST

RenewSys leverages technology to ensure our solar modules and module components don't just last - they thrive - meeting customers' performance expectations.

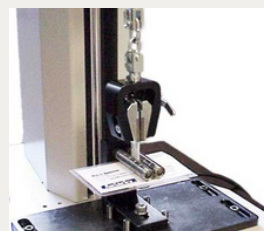
Click to read more.



Backsheet MVTR



AI in EL Testing



EVA Encapsulant - Adhesion

## SNIPPETS FROM AROUND THE GLOBE

After the COVID break of two years, we were eager to meet all our partners and customers, from around the globe.



RenewSys at the Mercom India Solar Summit 2022, where Mr. Avinash Hiranandani was one of the panelists at session dedicated to discussing domestic manufacturing.



RenewSys booth at the Solar Power International 2022 Exhibition at Anaheim, California, USA



InterSolar India 2022, at Gandhinagar, Gujarat was spectacular. We also had a dedicated Tech Station that explored how AI (Artificial Intelligence) is transforming solar panel manufacturing.



Starting 2023 off strong, we showcased our products at the World Future Energy Summit 2023, at Abu Dhabi, UAE.



Our team traveled to Munich, Germany, to attend Europe's biggest solar Exhibition - InterSolar Europe 2022.



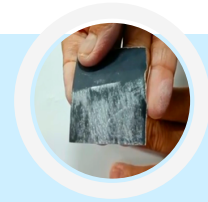
The team was excited to meet customers at the Solar Show Africa 2022, held in Johannesburg.



A place to experience the future of sustainable energy with industry, RenewSys participated in India's biggest Solar Exhibition Renewable Energy India Expo 2022, Noida.

## CREDIT RATING

RenewSys received a credit rating of **A(Stable)/A2+**. This is a significant leap and it highlights our continuously improving financial performance. It is an encouraging signal to the industry of our growth.



## KNOW YOUR BACKSHEET

RenewSys tested two types of PV Backsheet samples - laminated and coated - for their resilience to abrasion and chemical resistance.

The abrasion test was conducted by rubbing sandpaper on the airside of both the backsheets.

The laminated backsheet performed well with no visible abrasion. However, a significant amount of coating particles were visible on the sandpaper, with abrasion marks from the process, on the coated backsheet.

The second test involved wiping both the backsheets with a cloth dipped in solvent. The laminated backsheet showed no visible physical change. But the coated backsheet, left significant residue on the cloth.

These tests give visual comparative evidence helping module manufacturers and installers witness how backsheets perform when exposed to conditions like abrasion, and chemical exposure due to pollution. A backsheet that underperforms or fails, compromises the performance and life of the module.

[View the video](#)



## MAKE IT EVEN BETTER!

Teams across RenewSys are participating in a 'Manufacturing Excellence Program'. It includes how teams align themselves with productivity and innovation. Awareness through on-ground activities are also in focus to nurture a culture of continuous improvement and excellence.





## FIRES ARE RARE, WHEN THERE IS CARE!

Fire Safety Week was commemorated at our RenewSys facilities from April 14 - 20, 2022. This week is celebrated across India and across government and private organizations to create awareness about the safety measures to prevent fire-related disasters and help employees prepare for them at the workplace. It was instituted in the memory of the brave firemen who lost their lives during the dock explosion in Mumbai on 14th April 1944.

## RenewSys Solar Glossary

### Humidity Freeze Test

A test performed on Solar PV Modules to determine their ability to withstand humidity penetration at extreme temperatures.

The Humidity Freeze test as per the IEC 61215 standards may be considered as a combination of two other tests - Damp Heat and Thermal Cycling. It is carried out in a specialised environmental chamber.



Speak Solar With RenewSys!  
Scan the QR code to view more



## NEAR MISSES ARE A WARNING!

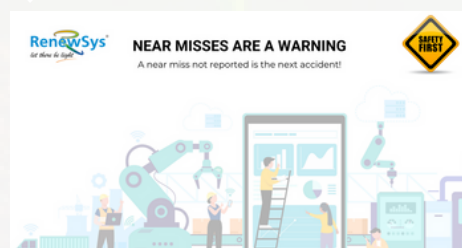
We work towards ensuring zero accidents at our plants, by keeping safety front and center. When a near-miss occurs it signals that we need to relook and strengthen our systems and processes to ensure a continued safe working environment for all three factories are undergoing regular safety refresher courses.



## GO GREEN!

Even the smallest steps matter as our environment is at great risk and so are we. Team RenewSys commemorated the day with commitment and passion, even as we strive to make each day World Environment Day.

The teams celebrated the day with drawing competitions, sharing ideas to contribute towards protecting the environment, and sapling plantation.



## PREPARE AND PREVENT

RenewSys Bengaluru Unit marked the importance of National Chemical Disaster Prevention Day on December 04, 2022, with several activities involving team members from all departments. The teams underwent various Chemical Safety Management sessions like Self Contained Breathing Apparatus, Fire Proximity Suit Demo, Fire Extinguisher Demo, and Chemical Handling Training.

## WELLNESS AT WORK

Employee wellness is a priority for us because the success of our business depends on the health and well-being of our employees. To ensure everyone has information to support their physical and mental health, we have created an Employee Wellness Calendar!

Every month the calendar will include:

- Different resolutions/challenges every month
- Tips for healthy living-ideas for diet, exercise, relaxation techniques
- Fun ways to stay active or reduce stress levels
- Events & activities for the month



## SOLAR SMILES



## PROJECT SHOWCASE

**Solar Panels on Building Façade**  
 RenewSys solar panels (PV Modules) have been used in a first-of-its-kind installation at Vizag. Traditionally solar panels are either installed on a building's roof or in an open space. This 5 storey hotel has chosen to install them instead of glass on the building's façade!

## WE ARE HIRING

[Visit our website to know more.](#)

**CONTACT US** ▶



## RENEWSYS WINS!

RenewSys wins the DOI & QA Excellence Award and the Module Line Par Excellence Award at the 35th National Convention on Quality Concepts 2021 hosted by QCFI - Coimbatore chapter.



Team RenewSys wins the Module Line - Par Excellence award for developing a solderwire-free process in the PV module manufacturing line.



RenewSys wins the Best Quality Circle Organisation Award at the 36th Chapter Convention on Quality Concepts organized by "Quality Circle Forum of India (Hyderabad Chapter).



RenewSys wins the 'Best Power Sector & RE Technology Company (Manufacturing) - RE Enterprise (Solar)' Award at PRAKASHmay 15th Evertia Awards 2022.



Avinash Hiranandani, GCEO & Managing Director, RenewSys has been conferred with Surya Ratna Award at the Surya Urja Puraskaar 2022 by Renewable Energy Promotion Association (REPA).

RenewSys has also won the Surya Urja Puraskar in the category "Solar & RET (Renewable Energy Technologies) Manufacturing".



RenewSys wins big at REI 2022 as Leading RE Manufacturer-Solar-Components and as the Leader in RE Technology / Product Innovation for our Transparent Backsheet, POE Encapsulant CONSERV E 360, U+ EVA & POE Encapsulant range, and PRESERV WN1-Sustainable Backsheet.

RenewSys wins "Par Excellence" category award for the 5th time consecutively in the 36th National Convention on Quality Concepts 2022.

