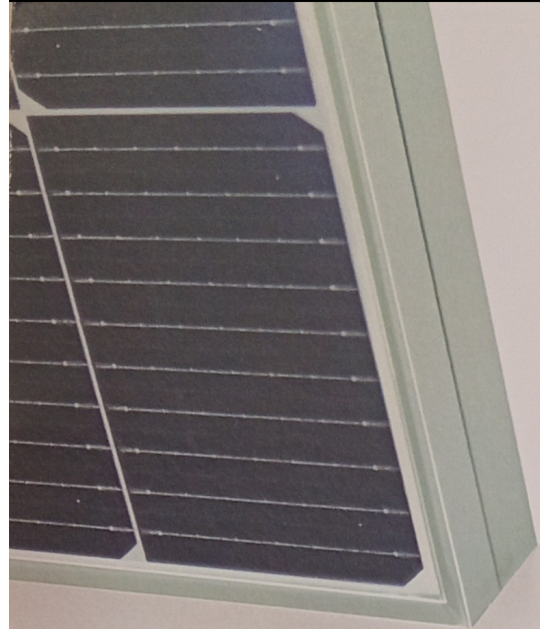


ReNew



SOLAR MANUFACTURING

RELIABLE
PRODUCTS.
SUSTAINABLE
PRACTICES.

6.4GW
Module
Manufacturing

2.5GW
Cell
Manufacturing



About Us

ReNew is the leading decarbonization solutions company listed on Nasdaq (RNW, RNWWW) with a clean energy portfolio of ~17.4 GWs* (one of the largest globally). We are also one of the leading solar PV manufacturers and a major independent power producer in India. Backed by prominent investors including the Canadian Pension Plan Investment Board and the Abu Dhabi Investment Authority, we deliver reliable, high-quality products and services to our customers. In addition to being a major independent power producer we also provide end-to-end solutions in a just and inclusive manner in the areas of clean energy that increasingly are integral to addressing climate change.

ReNew operates manufacturing facilities in Jaipur, Rajasthan, and Dholera, Gujarat, totalling 6.4 GW of module capacity and 2.5 GW of cell capacity. Our LEED-certified 4 GW solar module plant in Jaipur, with best-in-class manufacturing equipment and processes, is powered by a 7.2 MW rooftop solar system. Our integrated solar module and cell plant in Dholera also leverages innovative technology to drive cost efficiencies and performance.

ReNew has been awarded for its innovation and leadership in the sector. The company was presented with the 'Energy Transition Changemaker' award by the COP28 Presidency for developing and deploying India's first round-the-clock power project. ReNew has also been recognized as a Global Lighthouse by the World Economic Forum twice for advancing Fourth Industrial Revolution (4IR) technologies at scale and achieving greater impact on the ground.



1 6.4 GW module manufacturing capacity



2 2.5 GW cell manufacturing capacity



3 ~2 GW solar modules produced and shipped



4 TOPCon and PERC modules



5 Green facility with 7.2 MWp solar rooftop system



6 One of the largest LEED Gold certified module manufacturing facilities in India



SOLAR MODULES

M10 Cells | N-Type TOPCon

Efficient & Powerful



UPTO 80%
BIFACIALITY FACTOR

1% 1ST YEAR DEGRADATION

0
ZERO LID

Warranty

30
YEARS
POWER WARRANTY

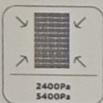
12
YEARS
PRODUCT WARRANTY FOR ALL MODULES



Maximum Power Output	Bifacial
Maximum Efficiency	590 W 22.84%



Continuous efficiency improvement
Multi busbars to minimize micro-crack impacts/PERC/TOPCon/Half cut/Smart Soldering.



Heavy snow, hail, wind-load resistant
Enhanced mechanical load up to 5400 Pascals of snow load and up to 2400 Pascals of wind load.

M10 Cells | Mono PERC

Tough & Dependable



DCR Modules Available

UPTO 70%
BIFACIALITY FACTOR

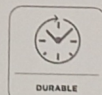
Warranty

30
YEARS
POWER WARRANTY FOR BIFACIAL MODULES

12
YEARS
PRODUCT WARRANTY FOR ALL MODULES



Maximum Power Output	Monofacial	Bifacial
Maximum Efficiency	550 W 21.29%	560 W 21.68%



Reliable modules with longer lifespan
Hotspot resistant, micro-cracking resistant, less damage due to weather stress; 0.55% linear degradation over 25 years for mono facial modules and 0.45% linear degradation over 30 years for bifacial PERC modules.



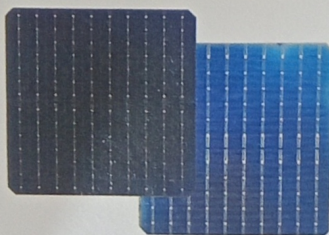
Excellent low light performance
More power output in weak light conditions (early morning/sunset/cloudy); ground mount projects in all geographies and climates.



SOLAR CELLS

M10 PERC CELL | P-TYPE

High conversion efficiency



Standard Test Conditions (STC)
Light Intensity: Standard Intensity 1000W/m²;
Spectrum: AM 1.5G Spectrum; Temperature: 25°C.



Visual Quality Inspections
Viewed from a distance of 50cm away from the naked eye; Cells defined by color and/or other potential defects are sorted by an inspection machine.



Cell Grades
High efficiency Bifacial PERC Cells manufactured.

System Certifications and Audits

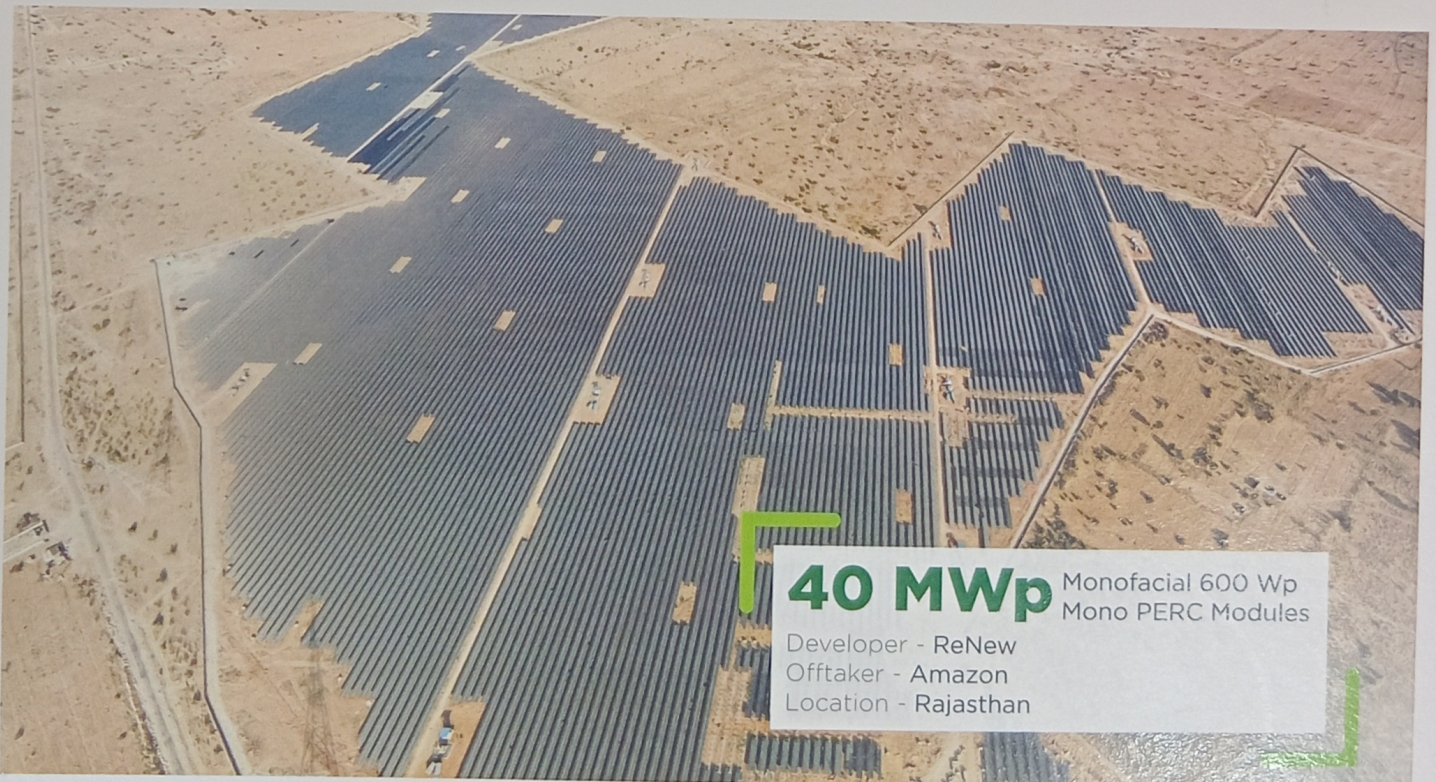
- ISO 9001:2015: Quality Management system
- ISO 14001:2015: Environment Management system
- ISO 45001:2018: Occupational health and safety.



Our Recent **Projects**



80 MWp Bifacial 540 Wp
Mono PERC Modules
Developer - ReNew
Offtaker - Solar Energy Corporation of India
Location - Rajasthan



40 MWp Monofacial 600 Wp
Mono PERC Modules
Developer - ReNew
Offtaker - Amazon
Location - Rajasthan



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