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RenewSys launches India's first 6 BB Solar PV Cells

May 14, 2019

“India’s first 6BB solar PV cells with improved dimensions will deliver higher module power and improved performance compared to standard 5BB cells and modules. Cells manufactured using world class European equipment.”

(1888PressRelease) [May 14, 2019](#) - RenewSys, India’s first integrated manufacturer of Solar PV Modules & its components - Encapsulants, Backsheets, and Solar PV Cells, is the first Indian company to launch the production of six Bus Bar (6BB) Solar Photovoltaic (PV) Cells and modules. The 6BB cells, part of RenewSys’ RESERV® range of solar PV cells, will be manufactured using world class European PV cell equipment, in a clean room facility.

Increasing the number of Bus Bars (BBs) in a photovoltaic cell along with improved gridline design improves the cell efficiency by lowering the series resistance and thus reducing the resistive loss. The refined design of RenewSys RESERV 6BB cells optimizes the collection of current, reducing losses due to cell shadowing.

Lower power degradation due to a reduction in the distance travelled by charge carriers under thermal cycling, improvement in reliability, long term stability and lower susceptibility to power degradation due to micro-cracks are the additional, significant benefits of 6BB cells and modules.

High-efficiency 6BB cells with this improved design will, therefore, increase the module power output.

RenewSys also holds the distinction of launching India’s first 5BB cells, India’s only bi-facial Glass-Backsheet PV module, DESERV Extreme and India’s only comprehensive in-house module reliability laboratory.

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