

RenewSys launches India's first 6 BB Solar PV Cells

- 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



Mumbai, May 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 optimises the collection of current, reducing losses due to cell shadowing.

Lower power degradation due to 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.

About Us:

RenewSys India Pvt. Ltd. is the first integrated manufacturer of Solar PV Modules and its key components – Encapsulants, Backsheets and Solar PV Cells. We are a part of the ENPEE Group, a diversified global conglomerate with a heritage of nearly 60 years of manufacturing excellence.

Founded by IIT Bombay alumnus in 2012, we embarked on a focussed journey, to establish vertically integrated solar PV manufacturing operations to ensure consistent quality, reliable module performance for our customers.

RenewSys has two manufacturing facilities in India at Hyderabad and Bengaluru. Our Hyderabad facility spread over a 50 acre plot manufactures **Solar PV Modules** - 750 MW and **Solar PV Cells** - 130 MW. RenewSys' Bengaluru facility manufactures **Encapsulants** - EVA and POE - 1.2 GW and **Backsheets** - 3 GW.

RenewSys has a global presence with offices across India, Mauritius, Nigeria, South Africa, Singapore, UAE, China, representatives in Europe, USA, and Mexico, and an evolving distributor network.

We are in the process of increasing our manufacturing capacities further, and aspire to be the first choice for quality solar PV Modules and its components worldwide.

www.renewsysworld.com