

Rockwell launches COVID-19 freezer series powered by hybrid renewable energy

04 March 2021 | News

The entire system is certified by the National Institute of Pharmaceutical Education & Research (NIPER) Hyderabad.



Hyderabad headquartered Rockwell Industries, a pioneering commercial cold chain appliances manufacturer, has launched CHILLERMILL®, the world's first chiller/freezer powered by hybrid (solar & wind) renewable energy, that would be ideal for storing vaccines, lifesaving medicines, including those for COVID-19 vaccines at the desired temperature. The company also rolled out their new COVID-19 vaccine freezer series.

The intelligently designed Rockwell's CHILLERMILL®, and WHO PQS (World Health Organisation PQS) certified the new COVID-19 freezer series will be manufactured at its state-of-the-art manufacturing facility in Medchal, Hyderabad. The entire system is certified by the National Institute of Pharmaceutical Education & Research (NIPER) Hyderabad.

Jayesh Ranjan, Principal Secretary, Government of Telangana for the Industries & Commerce (I&C) and Information Technology (IT), formally launched the new range of COVID-19 vaccines chillers, a simple plug and play standalone unit, powered by SolarMill® a hybrid (Wind & Solar) energy solution, manufactured by WindStream Energy Technologies ideal for remote areas where availability of electricity is not stable. The hybrid renewable system comprising Savonius vertical axis wind turbines, along with a solar module enables the refrigerator to run 24/7 on power stored in batteries.

Ranjan said "Governments and immunisation programmes rely on complicated cold chain of freezers and temperature-controlled conditions and Rockwell has developed the much-needed refrigeration technology to address these challenges to preserve vaccine, healthcare products, and other deep-freezing applications."

Ashok Gupta, Managing Director, Rockwell Industries said "There are places especially, many rural hospitals and immunisation sites that can't depend on the unreliable power supply. With our new renewable energy-supported freezers/chillers, we are in a position to help the health sector overcome these challenges."

The company is in active discussion with leading vaccine players nationally & internationally to supply CHILLERMILL®.