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Apollo Hospitals partners with Smart Joules to curb carbon emissions

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Apollo Hospitals eliminates 2,90,000 tons of carbon with Smart Joules, strengthening India's decarbonisation efforts



Apollo Hospitals has joined hands with Smart Joules to reduce carbon emissions by 2,90,000 tons, bolsteringIndia's efforts to decarbonise. This ten-year initiative spans 18 hospitals across the nation and leverages the ground-breaking JoulePAYS solution by Smart Joules for energy-efficient cooling, heating, ventilation and automation.

India, a global leader in climate action, pledged to attain net-zero emissions by 2070 atCOP26, reducing total projected carbon emissions by a billion tonnes by 2030. The country's ambitious decarbonisation agenda aims to establish a 500 GW non-fossil energy capacity by 2030.

Policies such as India's climate change strategy, decarbonisation goals, and the Energy Conservation Amendment Bill aim to minimise energy waste, enhance efficiency, and regulate consumption. Given that cooling energy demand is projected to rise by 2.2 times by 2027, energy-efficient strategies could potentially curb demand by 17% over the next decade, as per the Indo-German Energy Forum.

JoulePAYS, a pay-as-you-save solution from Smart Joules, is designed for retrofitting existing buildings and factories. Within just four months of integration of the JoulePAYS solution into Apollo Hospitals' infrastructure, 235 energy conservation measures have been put into action, resulting in a forecasted savings of over 235 million kWh and Rs 2 billion by 2030.