TOP ENERGY TRENDS FROM INDIA & ACROSS THE GLOBE

Amazon announces first utility-scale renewable energy projects in India

Amazon has announced three new solar farms in India with a combined energy capacity of 420 megawatts (MW) as it aims to use 100% renewable energy across its business by 2025. Globally, the company had announced 71 new renewable energy projects bringing an additional 2.7 gigawatts (GW) of clean energy capacity. The three Indian projects include a 210 MW project to be developed by ReNew Power, a 100MW project to be developed by Amp Energy India, and a 110MW project to be developed by Brookfield Renewable.

Govt working to develop electric highways powered by solar energy: Nitin Gadkari

Union road transport and highways minister, Shri Nitin Gadkari said the government is working on developing electric highways, which will be powered by solar energy, that will facilitate the charging of heavy-duty trucks and buses. While addressing an event organised by the Indo-American Chamber of Commerce (IACC), the Union Minister emphasised that a well-developed infrastructure enhances economic activities, creates new businesses, and promotes job creation, noting, "we are constructing 26 greenfield expressways."

Investment of $1tn a year needed for 2030 climate goals; Report finds

Annual investments of about $1tn in renewable power and up to $130bn in hydrogen by 2030 are needed to avoid the catastrophic effects of climate change, according to the research jointly published by the International Energy Agency, the International Renewable Energy Agency and the UN, ahead of the COP27 climate summit in November. The report calculated the world would need to add four times the amount of renewable energy that was deployed in 2021 every year by 2030, and drastically scale up hydrogen production to reach net zero emissions and stem global warming from burning fossil fuels.

Reliance to acquire majority stake in this US-based solar energy software maker SenseHawk

Reliance Industries has signed agreements to acquire a majority stake of 79.4 per cent in SenseHawk, a service provider for the solar energy generation industry. Founded in 2018, SenseHawk is an early-stage California-based developer of software-based management tools for the solar energy generation industry. SenseHawk helps accelerate solar projects from planning to production by helping companies streamline processes and use automation. SenseHawk has helped over 140 customers in 15 countries adopt new technology for their over 600 sites and assets totaling over 100 gigawatts.

India plans to become green hydrogen giant to cut energy imports

India is planning a massive expansion of green hydrogen production to curb its dependence on energy imports and to wean the economy off fossil fuels to meet climate targets. New Delhi is aiming for an annual production capacity of 25 million tons by 2047, according to people familiar with the plans who didn't want to be named as the information is not yet public. However, the number could change going forward, depending on technology and the country's demand outlook. Green hydrogen is widely expected to play a major role in decarbonizing heavy industries, including oil refineries, steel mills and fertilizer plants. India's current output of the fuel is very low and comes from a handful of pilot projects.

Adani Transmission rolls out a first-of-its-kind initiative to become net-zero by 2050

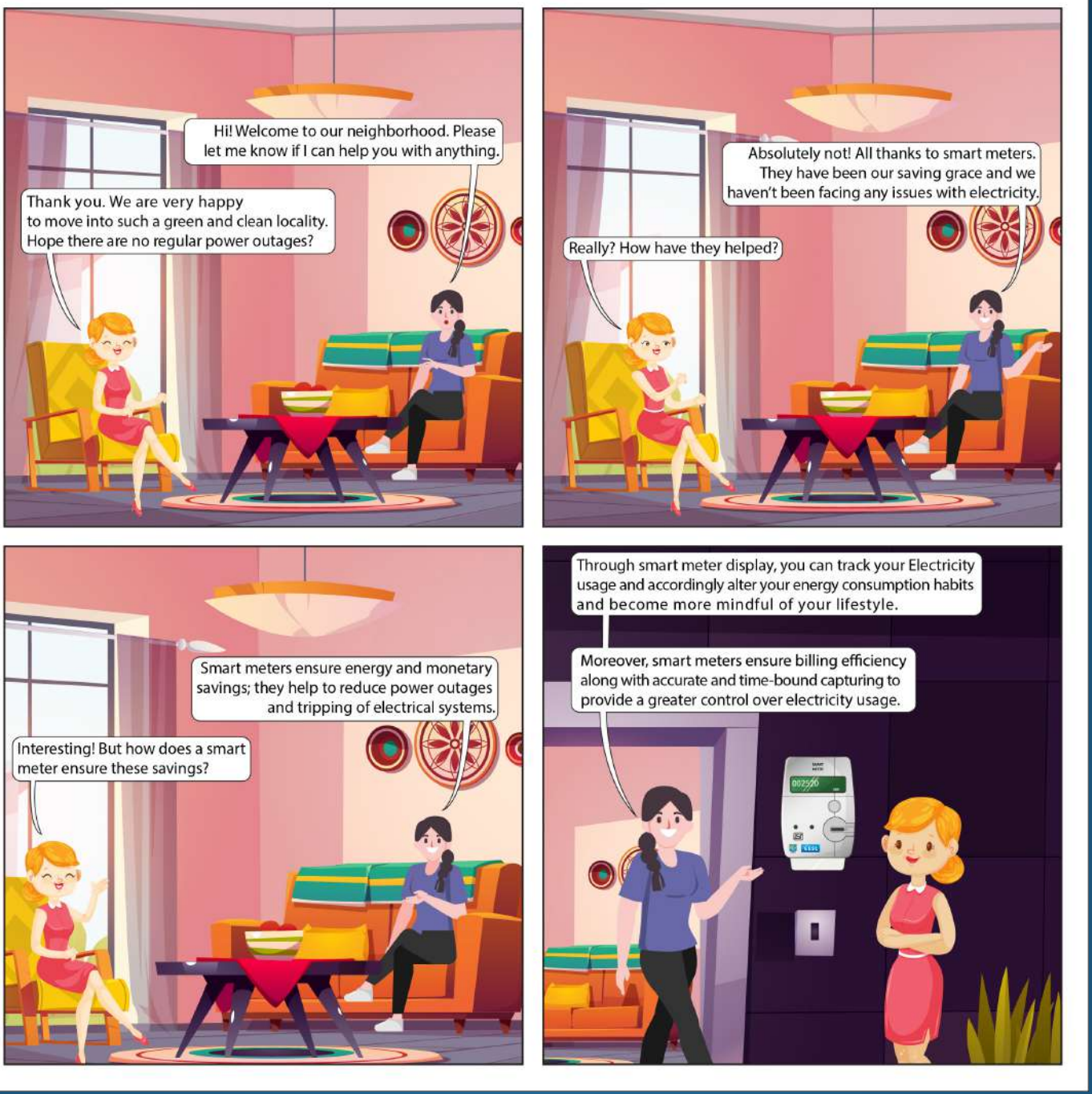
Adani Transmission Ltd (ATL), the country's private power distribution company and the transmission arm of Adani Group, has rolled out a first-of-its-kind initiative to achieve a net-zero target by 2050. The company has also committed to reducing its absolute scope 1 and scope 2 Green House Gases (GHG) emissions by 72.7% by FY2032. Scope 1 emissions are direct greenhouse emissions that occur from sources that are controlled or owned by an organisation such as emissions associated with fuel combustion in boilers, furnaces, and vehicles. Scope 2 emissions are indirect emissions associated with the purchase of electricity, steam, heat, or cooling.

Milestone

Successfully installed 3 million smart meters!

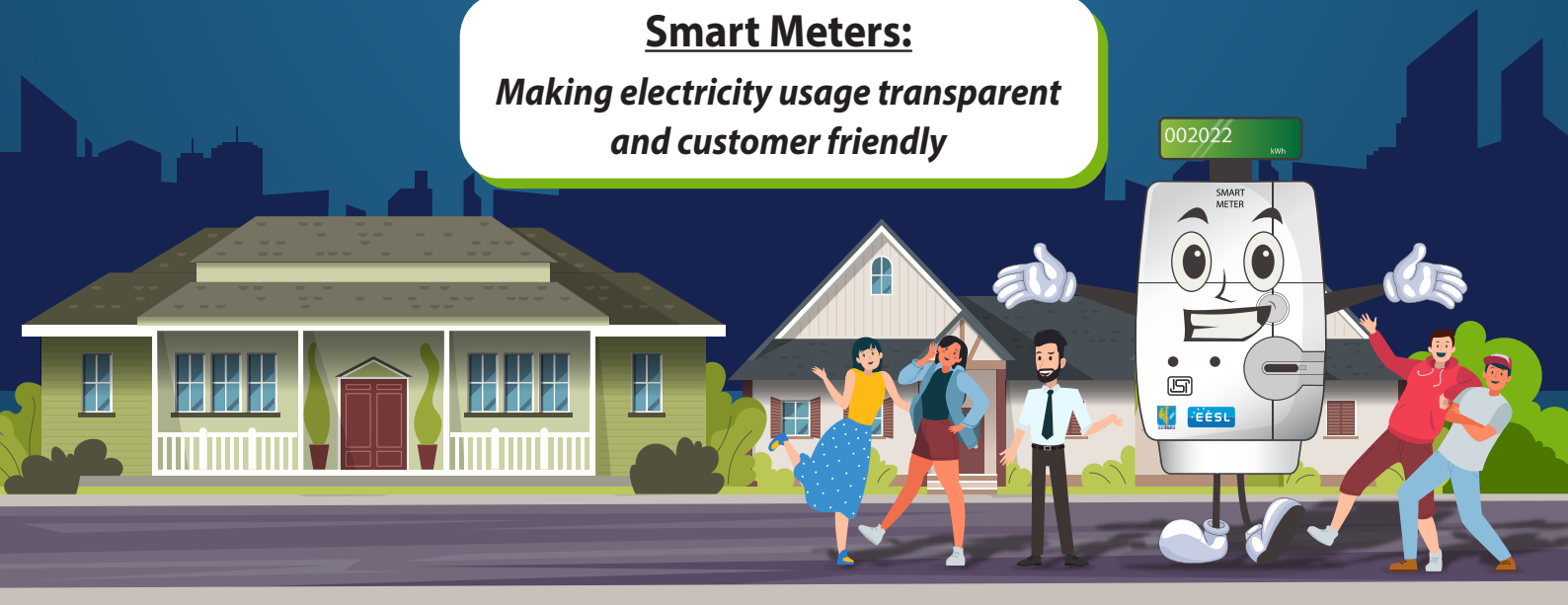
Workshop on an 'Evidence-Based Cooling Strategy' for India

Modern Energy Cooking Forum 2022



Smart Meters:

Making electricity usage transparent and customer friendly



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