

AUTOMOTIVE

JLR to generate more than 25pc of UK electricity via renewables

March 7, 2024



The off-grid projects are anticipated to produce nearly 120 megawatts (MW) of renewable energy at peak. Image credit: JLR

By LUXURY DAILY NEWS SERVICE

British automaker Jaguar Land Rover is poised to cut down its bills and reliance on grid energy.

More than 25 percent of the company's United Kingdom-based electricity will be generated through renewables in the future. This will be achieved through new onsite and near-site projects, including rooftop and ground-mounted solar panels.

"JLR is committed to managing its net zero energy transition against the challenging backdrop of volatile energy prices," said Francois Dossa, executive director of sustainability and strategy at JLR, in a statement.

"We are working hard as a business to improve our energy efficiency across our entire global operations," Mr. Dossa said. "These new projects will diversify our energy portfolio, to reduce our reliance on grid electricity and help us to reduce our energy bills.

"The steps we are taking further support our ambitious goal of achieving net zero emissions by 2039, and to hit our mid-term science-based targets along the way."

Green drive

JLR's off-grid projects are anticipated to produce nearly 120 megawatts (MW) of renewable energy at peak.

The installation of solar types is critical for these plans. Initially, the fixtures will roll out at key non-production and manufacturing locations in the U.K.

The Halewood plant in Merseyside, the Graydon headquarters and the Electric Propulsion Manufacturing Center in Wolverhampton are a few sites to be fitted with the renewable infrastructure.

JLR has announced plans to generate more than a quarter of its UK electricity from new onsite and near site renewable energy projects, producing enough energy at its peak to charge 2.7 million I-PACE batteries annually!

Find out more: <https://t.co/EaBNZ1GIP6#Reimagine pic.twitter.com/ywXbbBIVCW>

JLR (@JLR_News) March 1, 2024

Each will be home to a mixture of rooftop and ground-mounted panels, solar carports and import grid connections to keep the supply secure. These first three projects are slated to be completed by the end of 2026.

Graydon's 18.2 MW ground-mounted solar array is already approved to go forward. Combined with the existing roof-mounted panels, the renewables will make up 40 percent of the headquarters' energy needs.

At the Wolverhampton site, its self-generated solar capacity will spike 145 percent through the expansion of its current rooftop fixtures. After this is finalized, they will generate 18.9 MW, or enough power to fuel 37 percent of the center's total consumption.

As part of its Reimagine strategy, JLR has already undergone a number of energy efficiency ventures around the world, including in Portland, Oregon ([see story](#)).

Compared to 2020, the company reduced emissions by 26 percent in 2023. Last year, 53 energy optimization projects were successfully undertaken, supporting the automaker's goal to cut its emissions 46 percent by 2030.

At its manufacturing sites, JLR is also piloting a worldwide smart energy metering system. It will continue to buy 100 percent renewable-backed electricity for all of its core operations in the U.K.

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