

What is UMC doing to diversify energy sources?

To diversify energy sources, UMC is actively installing renewable energy facilities in fabs. Solar energy system is a standard item that will be included in the design and construction of all new fabs. UMC Group joined RE100 as a member, becoming the second semiconductor wafer foundry in this international renewable energy initiative.

Does UMC group have a solar photovoltaic system?

As of 2024, UMC Group has installed a solar photovoltaic system with a peak power generation capacity of about 14,000 kWp, and the estimated annual power generation is 15,000 MWh. However, solar photovoltaics are mainly affected by factors such as climate.

How much solar power does UMC group generate in 2024?

In 2024, the self-use power generation of UMC Group's solar photovoltaic system totaled 14,399 MWh. From the end of 2024, all solar photovoltaic power generation will be converted to self-generation and self-use, and will continue to increase self-generation and self-use green electricity to support clean energy.

How will UMC support the low-carbon energy transition?

A 3-stage objective of 25% by 2025, 50% by 2030, and 100% by 2050 is set to substantially increase the proportion of consuming renewable energy, UMC will also invite its value chain to support the low-carbon energy transition.

New Energy Capital Asia, a prominent provider of corporate and industrial solar energy solutions, has announced a groundbreaking agreement with UMC Metals Ltd, a global leader in the ...

Thailand's UMC Metals and Singapore-based New Energy Capital Asia have signed a power purchase agreement (PPA) for a 1.6 MWp solar project in Thailand featuring floating and ...

?What can be found on the roof of all UMC fabs? If you guessed #solar panels, then you are right! Since joining #RE100 in 2021, we have tripled our on-site solar capacity as we strive for 100% ...

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UMC Group's renewable energy targets In addition to procurement from third-party sources, UMC's strategy for energy transition includes evaluating potential investments in renewable ...

The deal, announced today, involves UMC purchasing over 30 billion kilowatt-hours of power from Fengmiao I over a period of at least 30 years, marking the largest renewable energy ...

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This agreement supports UMC's ambitious renewable energy goals, contributing to its roadmap of achieving net zero emissions by 2050 and demonstrating its commitment to sustainable ...

UMC Advances Green Goals with New UMC solar energy Installation United Microelectronics Corp (UMC), a global leader in the semiconductor industry, has announced a ...

The latest move is in sync with UMC's focus on accelerating its transition to net zero emissions through proactive carbon reduction and increased use of renewable energy.

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