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Scale of solar energy storage field in Cebu Philippines





Overview

Located on the Malubog reservoir at a copper mine in Cebu province, the project spans 3 hectares and includes 8,540 solar panels. What is the Philippines' first megawatt-scale floating solar facility?

The Philippines' first megawatt-scale floating solar facility in Cebu as seen in a August 2025 handout image. MANILA, Philippines — A floating solar power plant on a reservoir in Cebu has begun supplying energy to a copper mine, marking the country's first megawatt-scale deployment of the emerging technology.

What is a floating solar project in the Philippines?

In a news release, Carmen Copper noted that the project, which can scale up to 50 megawatts, is part of its strategy to reduce its dependence on fossil fuels and aligns with the Philippine Department of Energy's target of sourcing 35% of power from renewable energy by 2030. Why floating solar?

Can a floating solar power plant supply energy to a copper mine?

A floating solar power plant on a reservoir in Cebu has begun supplying energy to a copper mine, marking the country's first megawatt-scale deployment of the emerging technology as firms look for cleaner, land-efficient power sources.

Where is a floating solar photovoltaic plant located?

United States-based engineering and construction firm Black & Veatch said it completed a 4.99-megawatt floating solar photovoltaic facility for Carmen Copper Corp. on the Malubog Reservoir in Toledo City, Cebu. The plant, which covers three hectares and includes 8,540 panels, is expected to meet 10% of the mine's current power demand.



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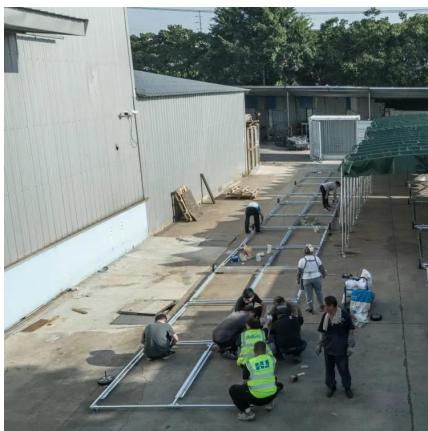
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Solar energy storage in the philippines

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