

# **Energy company uses waterproof solar photovoltaic containers in the Maldives**



## Overview

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19, 2026 /PRNewswire/ - GCL System Integration (GCL SI) has announced the successful completion of the joint floating solar energy project in collaboration with long-term partner Ocean Sun for the Soneva Secret resort in Maldives, which utilizes over 4,200 . SUZHOU, China, Jan. We make solar energy a hassle-free experience by handling all the tech & maintenance. We work with ultra-luxury resorts and small businesses alike - always aiming to .

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### Renewable energy Maldives

At Renewable Energy Maldives we are proud to have introduced innovative solutions to reduce fossil fuel use in the Maldives. We have studied the local energy use, habits and costs.

### [Energy company uses waterproof solar photovoltaic containers in](#)

SolarSea is the first and the only time-tested commercial solar PV solution for the sea. Swimsol has worked on the world's first floating solar solution for the marine-grade, specifically for tropical sea



### Floating Solar PV for the Sea

Swimsol provides affordable and durable marine floating & rooftop solar PV systems for the tropics, where land space is limited. We make solar energy a hassle-free experience by handling all the tech

### [Maldives resort islands expand solar to meet half of power demand](#)

The Fari Islands in the Maldives are developing a mix of floating and ground-mounted solar installations expected to meet up to 50% of the archipelago's electricity demand on sunny days.



### [GCL SI Delivers Marine Floating Solar Solution in the Maldives](#)



### **Solarcontainer explained: What are mobile solar systems?**

The Solarcontainer represents a grid-independent solution as a mobile solar plant. Especially in remote areas it can guarantee a stable energy supply or support or almost replace a public grid with strong

This milestone project underscores GCL SI's technical capability in offshore photovoltaics while demonstrating the practical viability of floating solar solutions for island energy transition.



### [GCL SI Delivers Marine Floating Solar Solution in the Maldives](#)

By successfully replacing diesel-based generation with marine-adapted photovoltaic systems, the project highlights a scalable pathway toward cleaner and more resilient energy

### **Solar Power for a Greener Energy Sector**

Powered by a combination of solar photovoltaic panels and batteries, this pilot transport initiative can be replicated in the nation's many islands and resorts. This ongoing project has helped the Maldives



### **ALUMERO systems - solarfold**

The innovative and mobile solar container contains 200 photovoltaic modules with a maximum nominal output of 134 kWp and, thanks to the lightweight and environmentally friendly aluminum rail system,

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