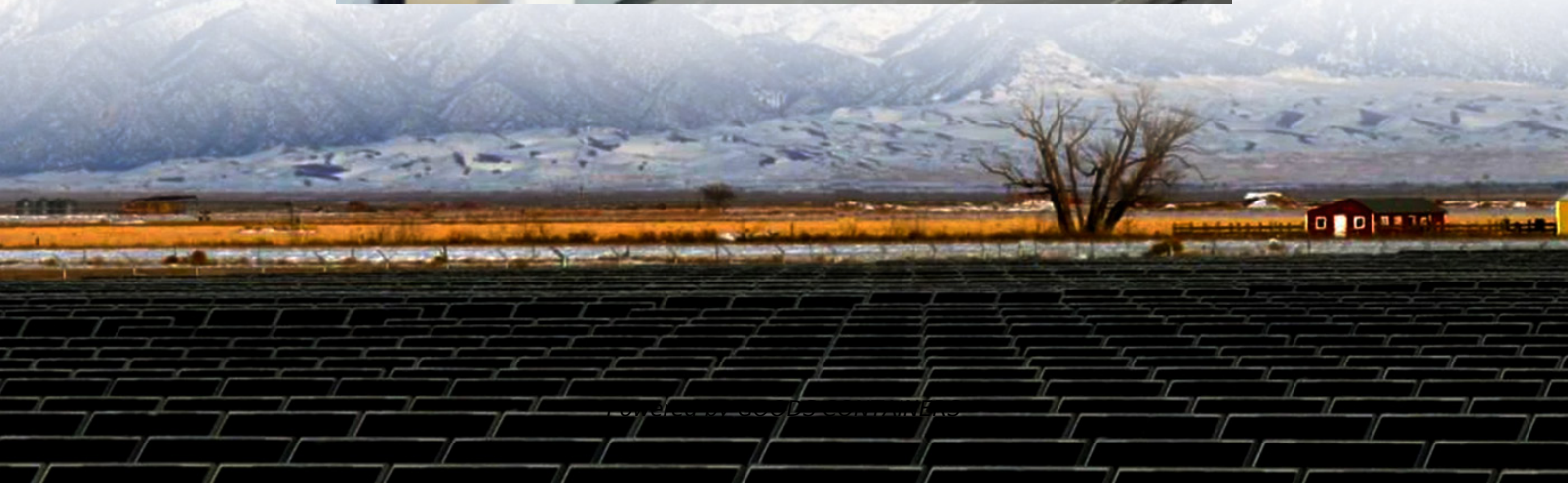


Singapore resort uses photovoltaic folding container hybrid





Overview

Can floating solar PV systems be deployed at reservoirs?

PUB started studying the feasibility of deploying floating solar PV systems at reservoirs in 2011 to assess their solar potential and possible environmental impacts.

When will Sembcorp floating solar Singapore launch?

The RFP was awarded to Sembcorp Floating Solar Singapore in February 2020. Construction works started in August 2020 and the project was officially launched in July 2021. At 60 MWp, the floating solar PV system on Tengeh Reservoir is one of the world's largest inland floating solar farms.

What is Sembcorp Tengeh floating solar farm?

The Sembcorp Tengeh Floating Solar Farm is Singapore's first inland floating solar farm. Built with over 122,000 floating solar panels across 45 hectares, our 60MWp solar farm is one of the world's largest inland floating solar PV systems when commissioned.

Will a large-scale floating solar PV system affect Tengeh Reservoir's water quality?

The results showed that deploying a large-scale floating solar PV system would have minimal impact on the reservoir's water quality, flora and fauna, with appropriate planning and design. Hence, PUB decided to build a large-scale 60MWp floating solar PV system on Tengeh Reservoir.



Singapore resort uses photovoltaic folding container hybrid



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