



# Samoa mini solar panel

Will Tesla Solar power Ta'u in American Samoa?

Tesla has announced their solar panels are nearly entirely powering the island of Ta'u in American Samoa. The island used to depend entirely on imported diesel fuel for its electricity, but a new initiative has seen the islanders build a 1.4-megawatt microgrid that absorbs and stores solar power for all their energy needs.

Does American Samoa have a solar microgrid?

The island of Ta'u in American Samoa now boasts a solar microgrid from Tesla's SolarCity. Join us in The People v. Climate Change and share an environmental portrait of someone taking positive steps to protect the Earth on YourShot or social media. Use #MyClimateAction to share a first-person perspective on how we as humans face climate change.

How many solar panels does Ta'u have?

In 2016, the founders of Maui, Hawaii-based company Mana Pacific helped design and implement Ta'u's solar-energy microgrid composed of over 5,300 solar panels. This vast solar farm amounts to 1.4 megawatts of power generation capacity.

Tesla and SolarCity have announced they have (almost) entirely powered the small island of Ta'u in American Samoa with solar panels. Up to now, the island has had to depend on imported diesel to generate electricity.

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Now, the island runs on a completely renewable microgrid that meets 100% of residents' energy needs through solar power and battery storage. In 2016, the founders of Maui, Hawaii-based company Mana Pacific helped design and implement Ta'u's solar-energy microgrid composed of over 5,300 solar panels.

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The Solar for Samoa PV project is situated over two locations; Faleata Racecourse (1.4MW AC) is located in the capital city of Apia, while Faeolo International Airport (2.1MW AC) is located approximately 40 kilometres west of Apia.

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The island of Ta'u in American Samoa, located more than 4,000 miles from the West Coast of the United States, now hosts a solar power and battery storage-enabled microgrid that can supply nearly 100 percent of the island's power needs from renewable energy.

Solar has been touted as a feather in Samoa's cap, as it races to reach a 100 per cent reliance on renewable energy alone by 2025. At the launch of the Tesla batteries in 2018, Prime Minister Tuilaepa Dr. Sailele Malielegaoi said the batteries would help Samoa reduce reliance on diesel, in particular at off-peak hours.

Web: <https://www.taolaba.co.za>

