

## Haiti panel off grid

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This training lends insight into key information and concepts for off-grid solar in Haiti, building foundational knowledge and an ability to catalyze interest in off-grid solar for rural electrification in Haiti.

Dulagon is a remote rural village in the Artibonite department of Haiti; a country with a ~46% electrification rate. Previously, 30 households in Dulagon had been electrified by Alina En&#232;ji ...

Recognizing the vulnerabilities caused by HUM's dependence on fuel-powered generators, the new solar system serves as a promising solution. Haiti's current insecurity means that roads are often blocked, so accessing fuel is sometimes impossible. Other times, fuel might not be available at all or it is outrageously expensive on the black market.

Re: Off-Grid system in Haiti Here are the solar panels mounted in a welded angle-iron frame, with masonry to reduce the chance of movement. There is about a 4 inch gap in the front and at the top in the back to allow for air flow.

Dulagon is a remote rural village in the Artibonite department of Haiti; a country with a ~46% electrification rate. Previously, 30 households in Dulagon had been electrified by Alina En&#232;ji using Okra's mesh-grid technology.

An off-grid system (sometimes referred to as a micro-grid or isolated grid) that involves small -scale electricity generation (usually 10 kW to 1MW) which serves a limited number of consumers via a distribution grid that can operate in isolation from national electricity transmission networks ( e.g. EarthSpark

Developers have used okra Solar's Mesh-Grid technology in Cambodia, the Philippines, Haiti and Nigeria to deploy clean and reliable power in remote communities using off-the-shelf solar panels and batteries that can be interconnected into scalable networks.

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