



Mexico off-grid solar

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Currently in the Mexican Republic there are about 5 million people without access to CFE's electricity grid, 80,000 of those are settled in remote communities that are too far away to interconnect to the national grid system.

Some of the problems with rural electrification are the great distances between communities, lack of infrastructure, high dispersion of population, difficult terrain, rising cost of electricity infrastructure and low consumer affordability.

Some of the readily available solutions to reach these far human settlements are:

Here at Gecko Logic we offer the solution for rural electrification through the use of solar panels; we also serve the telecommunications, agriculture and housing sectors.

Our solutions are designed to suit your specific needs and are applicable in various electrical distribution schemes such as mini grids and combinations with diesel generators or wind turbines. We also offer solutions for pumping water from wells or rivers utilizing DC pumps and solar panels designed for this specific use.

Solar power generators are cutting edge technology. The cost of these solar generators has decreased considerably in the last years, and now are able to replace diesel generators altogether. If you have a diesel generator or are planning to buy one, we recommend you take some time to compare the advantages of solar generators over diesel generators before making a decision.

Solar energy is free for life, although it has a higher initial cost. This is a one-time expense, and may seem overwhelming at first. However, when combined with the long service life of 20 years of solar generators, solar energy is actually cheaper than conventional electricity sources.

Electricity generators that consume diesel have been in use for a long time, and have long been the only way to generate electricity when isolated from the power supply of CFE. Diesel generators require fuel, and this also has to be transported to the location. The cost of fuel is rising and the cost of transportation makes it much more costly and inconvenient. Diesel generators are an expensive way to produce electricity, and the price of fuel continues to rise. This makes solar generators a viable option for the production of electricity instead of fossil fuel generators option.

At NewGrid Power, we are dedicated to bringing advanced off-grid solar solutions to the diverse and expansive landscapes of Mexico. From the pristine beaches of the Yucatan Peninsula to the rugged Sierra Madre range, our commitment is to provide sustainable and reliable energy solutions tailored to meet the unique needs of each location.



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Mexico's vast and varied terrain presents unique challenges and opportunities for off-grid power solutions. Our projects span from the Yucatan Peninsula to the western coastal regions and into the mountainous areas, showcasing our ability to deliver top-tier off-grid solar systems that cater to the specific needs of these remote locations.

Yucatan Peninsula In the Yucatan Peninsula, stretching from Tulum to Cancun, we have implemented several off-grid solar systems. These projects highlight our capability to provide reliable and sustainable energy solutions that blend seamlessly with the natural environment, supporting both residential and commercial needs in these popular tourist destinations.

Western Coastal Regions From Puerto Penasco to Sayulita, our work in the western coastal regions of Mexico ensures that even in the most remote and scenic locations, residents and businesses have access to dependable and efficient power. Our off-grid solutions support a range of applications, from beachfront properties to small communities.

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