

## SolarTech Power Solutions

# Mexico off-grid solar power generation system



## Overview

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Will targeted grid upgrades benefit solar in Mexico?

Targeted grid upgrades, if any, for wind, will benefit solar as well because solar resources exist in all areas of the country. Solar potential in Mexico is six times larger than wind, and the technology complements wind generation very well. The solar industry has generated more than 70,000 jobs<sup>1</sup> in Mexico.

What is solar power Mexico?

Solar Power Mexico is the first exhibition and conference specialized in the energy and solar technology segment, a business with growth rates of over 25% and an expected investment of over USD \$100 billion in renewable energy by 2031. The event will feature a seminar programme and exhibition at Poliforum Leon, Guanajuato.

Can solar be used as a wind energy source in Mexico?

Solar deployment can follow wind transmission. Targeted grid upgrades, if any, for wind, will benefit solar as well because solar resources exist in all areas of the country. Solar potential in Mexico is six times larger than wind, and the technology complements wind generation very well.

How much solar power does Mexico need in 2024?

To meet the 35% clean energy target in 2024, Mexico needs at least 128.83 TWh or 42.56 TWh of additional clean energy generation. National solar PV capacity potential is estimated at 24,918 GW.<sup>1</sup> This potential capacity could generate 50,196 TWh/yr or 137 times the 365 TWh estimated demand for Mexico in 2024.

Is solar a good investment in Mexico?

Solar potential in Mexico is six times larger than wind, and the technology complements wind generation very well. The solar industry has generated

more than 70,000 jobs<sup>1</sup> in Mexico. Because the solar resources are good in all of Mexico, the potential is for expanding O&M jobs and bringing economic and social benefits to all areas of the country.

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