

# **10MW Off-Grid Solar Container in South America**





## Overview

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Will solar be a big deal in South America?

By and large, South American countries are relatively sunny, relatively sparsely populated, and relatively stable, so as solar prices come down, expect solar deployments to increase dramatically even in countries that — for now — have been laggards in this transition. And with solar coming in, fossil fuels will start to go out.

Does South America have a photovoltaic solar system?

Just as with EV adoption, photovoltaic solar deployment varies greatly in South America: some countries have just started deploying it, while others have made it a core part of their systems for nearly a decade. But all (or at least most) are advancing rapidly towards its massive deployment.

Will Brazil be able to transport Cheap solar energy?

Brazil already has two operational HVDC lines (the only ones in the continent until Chile's Kimal-Lo Aguirre is finished), so it should be able to build the infrastructure to transport cheap solar energy from the sunny center of the country to the populated south and southeast.

Does Colombia have a wind power grid?

Just as with the vehicle market, Colombia's grid is minuscule for a country its size (probably due to most of the population not needing AC): only 17.8 GW of generation capacity is currently available in the country, and wind energy, despite large projects being built, is basically non-existent for now:



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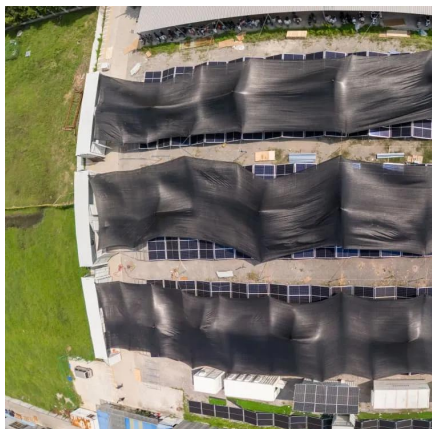
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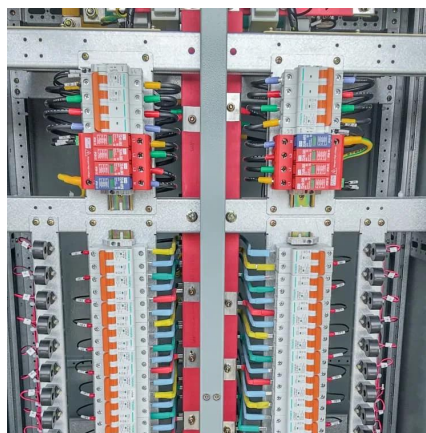
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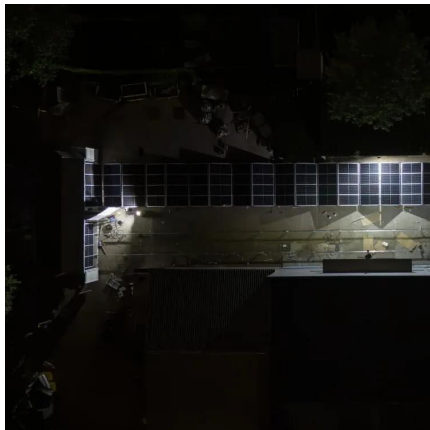






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