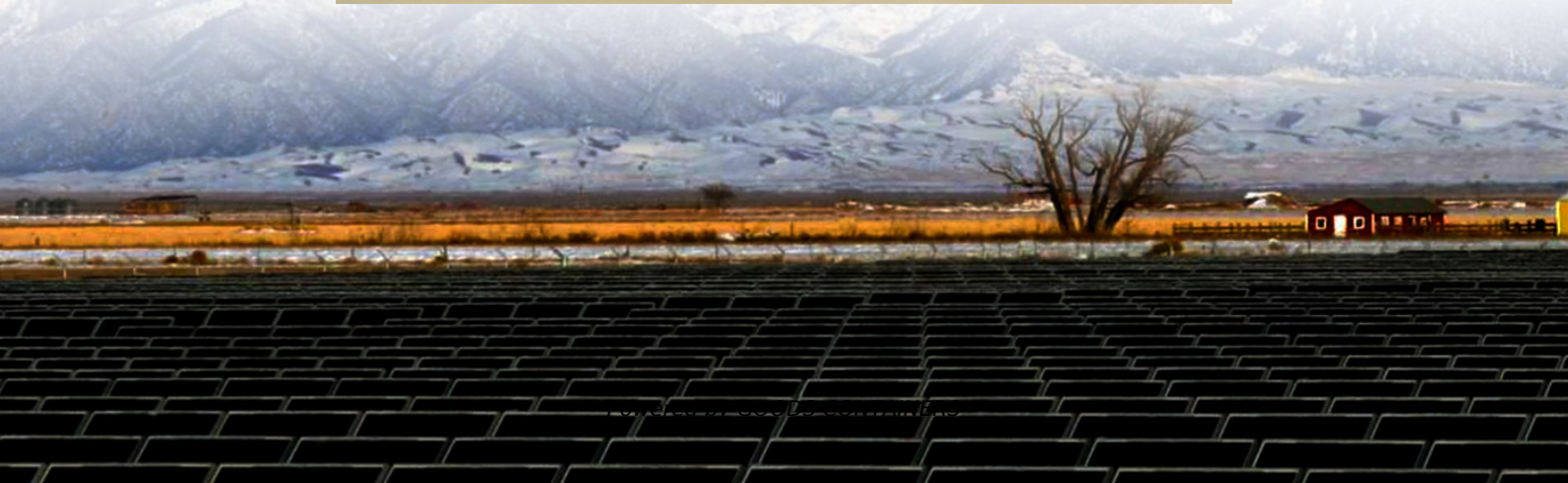


# **Cost breakdown for solar container vs diesel generator cost comparison**





## Overview

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Are solar generators cheaper than diesel generators?

Rural communities looking for a source of electricity usually have very limited options. Though it is broadly agreed that solar generators are a cheaper option in the long run compared to diesel generators, diesel remains a very popular choice. Why is this and how can funds like the EKOenergy Climate Fund help address this issue?

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How much does a generator cost compared to a solar system?

A generator costs R104,904, which is more than a solar system. Over a period of 9.58 years, the generator system will cost R193,794, which is higher than the equivalent cost of the solar system over the same period.

Is solar PV cost-effective?

Cost analysis was conducted for short-term (5 years), mid-term (15 years), and long-term (25 years). It was found that solar PV was 84.4%, 89.9%, and 87.7% more cost-effective for a 5-year, 15-year and 25-year period respectively.



## Cost breakdown for solar container vs diesel generator cost compar



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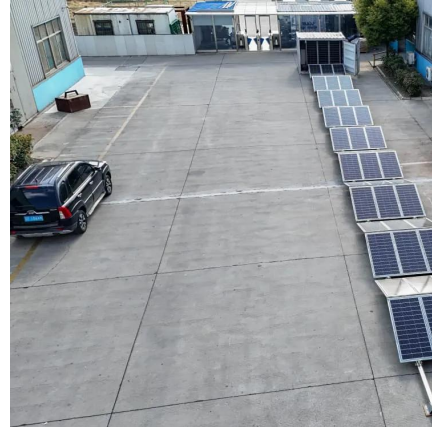
Mar 29, 2024 · Solar generators cost between \$1,000 to \$5,000 initially but save on fuel costs, leading to significant savings, especially as they last 20-25 years. In contrast, diesel and ...





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