

**NKOSITHANDILEB SOLAR**

# **Fire station uses 200kW solar-powered container from Myanmar**



## Overview

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Is solar energy a viable option for Myanmar's off-grid area?

For the off-grid area, Myanmar has mainly emphasis on solar home system and mini-grid system to be sustainable, affordable and environmental friendly. This paper aims to describe the high potential of solar energy, current situation of solar energy implementations and the important of Renewable Energy of Myanmar respectively.

Why is solar energy important for rural electrification in Myanmar?

Due to lack of water in summer season in Myanmar, Solar Energy will be a vital role in Electricity generation because of the high sunshine hours for that time. Therefore, the government of Myanmar is trying to increase the utilization of solar energy for the rural electrification.

Is solar energy a good option for Myanmar?

Among the renewable energy available, the potential of solar energy is one of the great interests in Myanmar. The government of Myanmar has set a plan to electrify the whole county in 2030. On the other hand, ASEAN has a target that is to increase 23% of Renewable Energy in ASEAN generation mix by 2025.

Why is Myanmar focusing on solar home system & mini-grid system?

In this respect, the seventy percent of population are living in rural area where they cannot access the electricity. For the off-grid area, Myanmar has mainly emphasis on solar home system and mini-grid system to be sustainable, affordable and environmental friendly.

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