



# St Kitts and Nevis solaranlage notstromaggregat

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Saint Kitts and Nevis receives very high levels of solar irradiation (GHI) of 5.6 kWh/m<sup>2</sup>/day and specific yield 4.6 kWh/kWp/day indicating very strong technical feasibility for solar in the country.<sup>3</sup> In 2021, only 4.76% of the country's power demand was met through RE sources.<sup>4</sup>

The solar PV will supply St. Kitts with 30 - 35% of the annual electricity demand utilising sustainable, solar energy with zero emissions. The solar and storage system will replace over 4,000,000 gallons of diesel per year.

The Project, scheduled for completion in 2025, will provide Saint Kitts with 35.7 MW of solar capacity and 43.6 MWh of battery storage for the delivery of clean, renewable, and reliable energy for 25 years.

This document presents St. Kitts and Nevis' Energy Report Card (ERC) for 2021. The ERC provides an overview of the energy sector performance in St. Kitts and Nevis. The . ERC also includes energy efficiency, technical assistance, workforce, training and capacity . building information, subject to the availability of data.

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On successful completion of this fully integrated solar photovoltaic system and a lithium-ion battery energy storage system (BESS), the facility will supply Saint Kitts with 30% to 35% of consumers' annual electricity demand by utilizing sustainable and renewable solar energy with ZERO carbon emissions.

This is the Energy Report Card (ERC) for 2022 for St. Kitts and Nevis. The ERC provides an overview of the energy sector performance, highlighting the following areas: o Installed Conventional and Renewable Power Generation Capacity

Let Solar Island Energy help your Saint Kitts and Nevis business save significantly on energy bills, have reliable, self-contained utilities, improve its long-term value, and be less dependent on fossil fuels. We provide a free consultation to assess how you can benefit from solar panel installation and renewable energy solutions. Contact us today.



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St. Kitts and Nevis will add a utility-scale solar and storage plant to meet one quarter of its electricity needs. The 35.6MW solar park and 44.2MWh battery storage facility will be built and operated by Leclanch&#233;, a Swiss firm acting as EPC contractor.

A New Era In Power Generation was officially established In St. Kitts and Nevis on 27th February, 2014, gear towards the transition from fossil fuels to renewable energy products with main focus on Photovoltaics and Wind powered solutions, with hopes to gradually expands to other renewable energy technologies.

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