

# First solar Faroe Islands





## Overview

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After taking a dip in the early 1990s the electricity production in the Faroe Islands has steadily been on the rise since then, going from 174 GWh in 1995 to 434 GWh in 2022, mostly from oil and hydropower. The employed 154 people or 0.6% of the islands' total workforce as of November 2015. The islands have 4 diesel plants (around 100 MW and supplying ).

The Faroe Islands' first solar park was installed with 250 kW capacity in Sumba in late 2019, expected to produce 160 MWh/year (i.e. a capacity factor of 7.3% and equivalent to 35 tons of oil), fro.



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### SEV and Faroe Islands see impressive sustainable energy gains

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The Faroe Islands are isolated from their nearest neighbors by hundreds of kilometers. Nevertheless, this small nation is setting an example for the entire world with its ...

### Energy in the Faroe Islands

The Faroe Islands' first solar park was installed with 250 kW capacity in Sumba in late 2019, expected to produce 160 MWh/year (i.e. a capacity factor of 7.3% and equivalent to 35 tons of oil), from diffuse light for 1,000 hours per year; mainly in the summer when rain and wind are low.



### Tangible plan for the green course

SEV announced its plans to reach 100% green energy on shore in the Faroe Islands by 2030, when the company officially opened the Húsahagi wind farm on 9 October 2014. The Government agreed with the green course in the coalition agreement in 2015, laying a very strong foundation for the green course for both SEV and the Faroe Islands as a whole.

### First field solar PV plant in the Faroes inaugurated

The first field solar PV plant in the Faroe Islands has been inaugurated. It is located on an abandoned football field in the village of Sumba,



the southern most village on the southern most island of Suðuroy. The 250 ...



## Shining a light on a smart island

The Faroe Islands are aiming for complete sustainable energy supply by creating a smart and innovative micro-grid. Far from continental Europe and surrounded by a vast sea, the Faroe Islands lie in the middle of the North Atlantic between ...

## THE POSSIBLE ROLE OF PV IN THE FUTURE POWER SUPPLY OF THE FAROE ISLANDS

Small PV system installed in 2013 at Tórshavn, Faroe Islands, to gain insight in system performances under the specific meteorological operation conditions at 62°N, 7°W.



## What is the Faroe Islands' plan for becoming carbon ...

The Faroe Islands, like all other countries in this part of the world, are undergoing a green transition in energy production and energy use. Formally, the process began with a unanimous decision in the Faroese parliament in ...



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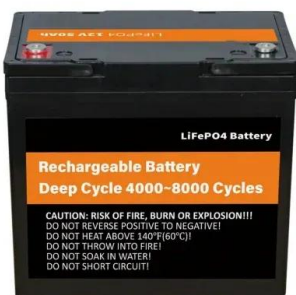


## First field solar PV plant in the Faroes inaugurated

The first field solar PV plant in the Faroe Islands has been inaugurated. It is located on an abandoned football field in the village of Sumba, the southern most village on the southern most island of Suðuroy. The 250 kWp plant, which is expected to generate approximately 160 MWh pr. year, is a test site, albeit not a big one.

## The Power Supply System

SEV operates six hydro power plants, three thermal power plants, three wind farms and one solar power plant. Furthermore, external suppliers operate one wind farm and one biomass plant. ...



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## What is the Faroe Islands' plan for becoming carbon neutral?

The Faroe Islands, like all other countries in this part of the world, are undergoing a green transition in energy production and energy use. Formally, the process began with a unanimous decision in the Faroese parliament in 2009, which committed the future governors to an energy policy that by 2020 would reduce total CO2-emissions by 20%

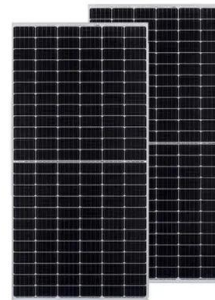


## Shining a light on a smart island

The Faroe Islands are aiming for complete sustainable energy supply by creating a smart and innovative micro-grid. Far from continental Europe and surrounded by a vast sea, the Faroe Islands lie in the middle of the North Atlantic between Iceland and Norway.

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## Energy in the Faroe Islands

Summary  
Electricity Overview  
Oil consumption  
Government energy policy  
See also  
External links

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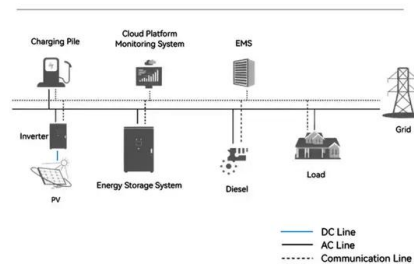
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## Green Energy Faroe Islands - 100by2030

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### System Topology



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The Faroe Islands are isolated from their nearest neighbors by hundreds of kilometers. Nevertheless, this small nation is setting an example for the entire world with its progress towards reaching an audacious goal: 100% sustainable energy by 2030.

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