

## European Solar and Energy Storage Solutions

# Falkland Islands arecor energy



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### Falklands applies for expansion of wind farm which supplies 35

The Falkland Islands have invested heavily in green, renewable energy and protection of the environment, while at the same time having as a goal making the Islands energy independent, secure and

### Our Future and that of The Falkland Islands' Energy Security

The Falkland Islands' Energy Strategy sets out the Falkland Islands' energy priorities to ensure the Falkland Islands are more energy-independent, secure, and resilient. The world is moving rapidly towards renewable energy, meaning that it is important for the Falklands to chart our own course in the transition.



### Technology -- ARECOR

ARECOR has developed the world's most powerful and most efficient hydrokinetic turbines in their respective classes. GEN-III Shallow River Hydrokinetic Turbine. Lowest LCoE of any renewable energy generation option. Environmentally friendly, low-impact, and fish-friendly. Testing completed by DNV in March 2024, witnessed and verified by DNV.

## Falkland Islands

The Falkland Islands (/ ˈ f ʔ : (l) k l ʔ n d, ˈ f ʔ l k - / FAW(L)K-lʔnd, FOLK-; [6] Spanish: Islas Malvinas ['islas mal'vinas]) is an archipelago in the South Atlantic Ocean on the Patagonian Shelf. The principal islands are about 300 mi (480 km) east of South America's southern Patagonian coast and about 752 mi (1,210 km) from Cape Dubouzet at the northern tip of the ...



## ENERGY PROFILE Falkland Islands (Malvinas)

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

## The Sea Lion Oil Field, offshore, the Falkland Islands

The asset, situated around 220km to the north of the Falkland Islands, was said to be the first commercially viable hydrocarbon discovery in the North Falkland Basin (NFB). In July 2012, Premier acquired 60% of Rockhopper's licence interests in the Falkland Islands, including the Sea Lion Development.



## Team

Our highly skilled and experienced professionals range from seasoned engineers crafting cutting-edge clean energy technology to dedicated project managers steering small to large-scale renewable energy projects. Together, they drive our mission to ...



## Energy Strategy Implementation Plan

What is the Focus of the Falkland Islands' Energy Transition by 2045? Our focus is on: o providing energy independence and security to meet future demand, by replacing existing infrastructure, such as the aging power station, while o continuing to move away from fossil fuel combustion to cleaner energy sources, by increasing the



### Highvoltage Battery



## Falklands project to become 'largest operated

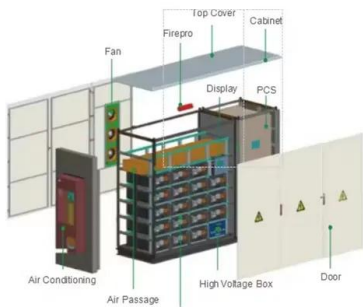
UK-based oil and gas E& P company Rockhopper Exploration has inked a definitive deal with Harbour Energy and Israel's Navitas Petroleum, which will open the door for Navitas to enter the Sea Lion project located off the Falkland Islands. (POEPL), the company in which Harbour holds all of its Falkland Islands licences: PL003, PL004, PL005

## UK's Harbour Energy drops 250 mil barrel Falkland Islands oil

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London listed Harbour Energy said Sept. 23 it

was pulling out of a project to develop the Sea Lion oil discovery offshore the Falkland Islands, which has been bitterly opposed by Argentina and is thou



## Falkland Islands: Energy Country Profile

Falkland Islands: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.

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 (Falkland Islands Development Corporation) ????  
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## Climate and Average Weather Year Round in Falkland Islands

A wet day is one with at least 0.04 inches of liquid or liquid-equivalent precipitation. The chance of wet days in Falkland Islands varies throughout the year. The wetter season lasts 5.2 months, from November 20 to April 27, with a greater than 27% chance of a given day being a wet day. The month with the most wet days in

Falkland Islands is March, with an average of 9.7 days with at ...

## About -- ARECOR

Today, ARECOR is reshaping the renewable energy landscape through its innovative turbine technologies and a growing portfolio of clean energy projects worldwide. The company's relentless drive for innovation ensures its position at the forefront of the clean energy transition.

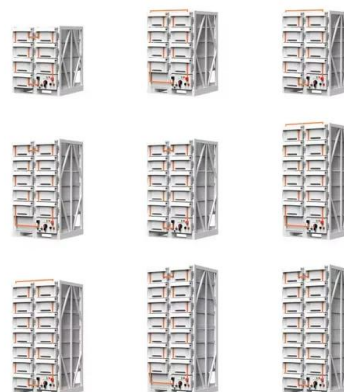


## ENERGY PROFILE Falkland Islands (Malvinas)

Primary energy trade 2016 2021 Imports (TJ) 472 514 Exports (TJ) 0 0 Net trade (TJ) - 472 - 514 Imports (% of supply) 83 91 Exports (% of production) 0 0 Energy self-sufficiency (%) 17 9 Falkland Islands (Malvinas) COUNTRY INDICATORS AND SDGS TOTAL ENERGY SUPPLY (TES) Total energy supply in 2021 Renewable energy supply in 2021 91% 4%5% Oil Gas

## ARECOR Energy

Our team's 400+ years of combined expertise in energy, infrastructure and aerospace has enabled ARECOR to set new standards in emissions-free baseload energy generation. Committed to reliability, affordability and sustainability, ARECOR is meeting today's energy demand while driving a cleaner energy future for tomorrow.



## Sea lion's first roar pushed back as costs rise to \$1.4



## billion for

The Israeli player handed over an environmental impact statement (EIS) to the Falkland Islands government regarding its proposals to drill oil wells and start offshore production from the Sea Lion field's Northern development area, entailing Phase 1 and 2, and associated activities, kick-starting a statutory period of consultation, which was

## Power and Electrical Section

Power and Electrical Section Power Station. We have been in existence since September 1929 when the first power station was opened on Ross Road. This power station had a single 10kW generator and supplied power to just the police station, the Town Hall and police cottages.



## Services -- ARECOR

ARECOR takes pride in being regarded as a trusted and reliable technical advisor and consultant for developers and governments on a global scale. Discover more about ARECOR's innovative solutions and how we can assist your transition to sustainable energy:  
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60 Castlereagh Street Sydney NSW

## Contact Us

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