

# **Magneto renewable energy Falkland Islands**





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### Falklands applies for expansion of wind farm which ...

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### 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

- LiFePO<sub>4</sub>
- Wide temp: -20°C to 55°C
- Easy to expand
- Floor mount&wall mount
- Intelligent BMS
- Cycle Life:≥6000
- Warranty :10 years



### Falklands, survey shows support for draft Energy Strategy and

Falklands are quite innovative in renewable and sustainable energy solutions, with some 40% generated at a wind farm to be expanded to further satisfy demand from Stanley and MPC

### ENERGY PROFILE Falkland Islands (Malvinas)

emissions from renewable power is calculated as renewable generation divided by fossil fuel



generation multiplied by reported emissions from the power sector. This assumes



### Green Revolution in the Falklands

There are now in excess of 100 x SD3 wind turbines on the islands, widely regarded as the largest off-grid small scale wind turbine fleet in the world - providing 24 hour power to over 85% of the islands farms and rural dwellings.

### Green Revolution in the Falklands

In 1996 a renewable energy programme was launched by the Falkland Islands Development Corporation aimed at rural customers to aid the integration of renewable energy technologies within



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## Falkland Islands: Energy Country Profile

Renewable energy here is the sum of hydropower, wind, solar, geothermal, modern biomass and wave and tidal energy. Traditional biomass - the burning of charcoal, crop waste, and other organic matter - is not included. This can be an important energy source in lower-income settings.



## 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.

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