

## European Solar and Energy Storage Solutions

# Get green energy storage Isle of Man



## Overview

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Why should you go green on the Isle of Man?

go green promote clean energy technologies on The Isle of Man. Reduce your environmental impact, one carbon-footprint at a time. Air Source Heat Pumps (ASHP). At a price which does not cost the earth, go green today.

Can the Isle of Man be a green energy leader?

The Isle of Man has a tremendous opportunity to be a global leader in the green energy transition. We have all seen the impact that climate change is having in nations around the world. From rising sea levels to winter flooding and summer heatwaves, the impacts of climate change are real and happening now.

Can the Isle of Man provide stabilising power to GB or ROI?

Opportunities for the Isle of Man to provide stabilising power to GB or ROI from a large-scale baseload power station, e.g. biomass or a small modular reactor?

Neither option is without challenge, but likely provide the greatest potential for export. These options have not been explored in the analysis.

Is the Isle of man suitable for an offshore wind farm?

Ørsted and the Isle of Man Government signed an Agreement for Lease at the end of 2015, giving Ørsted the right to investigate an area within the Isle of Man Territorial Seas, approximately 6-12 nautical miles off the east coast of the Island, to determine its suitability for an offshore wind farm.

What are GES stationary storage systems?

04. GES stationary storage systems are characterized by the independence between the power and the energy module, offering the possibility to design battery storage solution adapted to the final application requirements. Besides, the modular structure of the systems permits to scale the entire

system up to megawatt sized solutions.

Will the Isle of Man be short of baseload power?

Both UK and ROI are predicted to become short of baseload power over the next decade. Opportunities for the Isle of Man to provide stabilising power to GB or ROI from a large-scale baseload power station, e.g. biomass or a small modular reactor?

Neither option is without challenge, but likely provide the greatest potential for export.

## Ges green energy storage Isle of Man

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### Technology

With a forecasted number of cycles above 12.000 (15-20 years life cycle) and the use of accessible and easily disposable components, our storage system provides long life high performances and a competitive Levelized Cost of Storage (LCOS). Compared to traditional flow batteries, a single electrolyte is an advantage in terms of production cost

### Energy and Sustainability Centre Isle of Man

With the Isle of Man committed to net zero carbon emissions by 2050, the Energy & Sustainability Centre (ESC) promotes education and collaboration between industry, government, academia and society as a whole. Our mission is to ...



### About Us -- Energy and Sustainability Centre Isle of Man

The Energy & Sustainability Centre Isle of Man (ESC) was established to help the Isle of Man decide which options towards a low-carbon, sustainable future offer most benefit to the local community. As well as Business Director at ESC, Ralph Peake is Chair of the Isle of Man Business Sustainability Group, a task force within the Chamber of Commerce. As a Member of ...

## ISLE OF MAN FUTURE ENERGY SCENARIOS

o In December 2020, the Isle of Man Government launched its Future Energy Scenarios (FES) Strategy to determine the pathway to meet the following:

- o Electricity generation is now responsible for around 33% of all Greenhouse Gas Emissions on the Isle of Man.

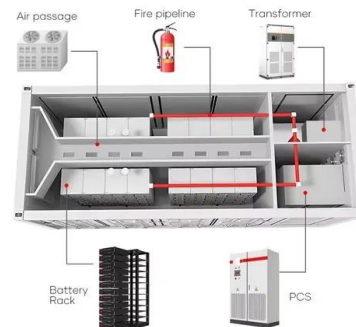


### GES

GES - Green Energy Storage , 4,826 ? LinkedIn  
 Full stack evolution for the future of energy , GES is developing a breakthrough technology for energy storage systems to accelerate the energy transition towards zero emissions. The new product is based on largely available and eco-friendly materials, high level of safety, long life-cycle and competitive Levelized Cost of ...

### GES

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 Full stack evolution for the future of energy , GES is developing a breakthrough technology for energy storage systems to accelerate the energy transition towards zero emissions. The new product is based on largely available and eco-friendly materials, high level of safety, long life-cycle and competitive Levelized Cost of



## Renewable Energy Solutions for the Isle of Man , Ørsted

Together we can build more than the Isle of Man's first offshore wind farm - we can lay the foundation for lasting economic investment, develop skills, create jobs, and protect and enhance the marine environment. Let's build green energy right, now - ...



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## Isle of Man: Time is now to be a green energy pioneer

"The development of renewable energy projects can help guarantee the Isle of Man's future energy security, create new green jobs, and attract long-term investment in the local community." In 2021, the Isle of Man pledged to take ...

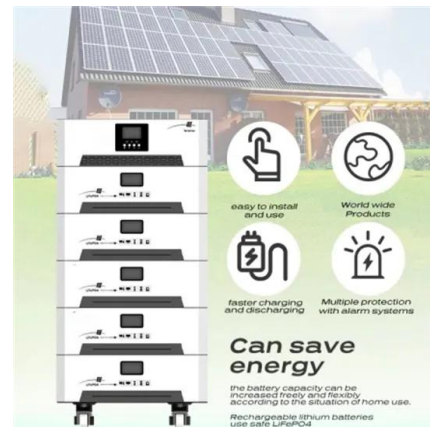


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## Energy and Sustainability Centre Isle of Man

With the Isle of Man committed to net zero carbon emissions by 2050, the Energy & Sustainability Centre (ESC) promotes education and collaboration between industry, government, academia and society as a whole. Our mission is to progress a sustainable economy and a fair energy transition for islands and small nations.

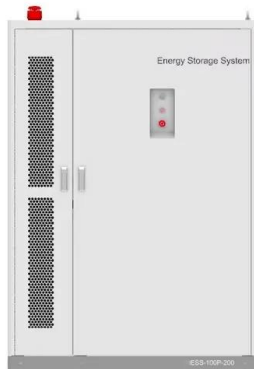


## Go Green: Isle of Man, promoting green living through

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go green promote clean energy technologies on The Isle of Man. Reduce your environmental impact, one carbon-footprint at a time. Save

money and breathe cleaner Manx air by installing: Solar PV Panels,



## Go Green: Home Battery Storage on The Isle of Man

Our battery systems are from GivEnergy and are very flexible in their deployment, storage can be added in 8.2kWh chunks, the power generation is supplied in 3kW units. For example, you might have 2 power units, capable of offsetting the home with 6KW of continuous power, an electric oven, kettle and washing machine all on together might consume



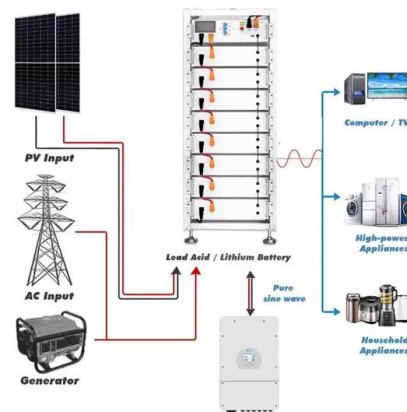
## Global Energy Storage completes sale of its Hamriyah Terminal UAE

Global Energy Storage Group (GES), a leading provider of innovative energy storage solutions, is pleased to announce the successful sale of 100 percent of the issued share capital of SRS Middle East FZE by its subsidiary, GPS Innova Singapore Pte. Ltd., to Paragon Capital Pvt. Ltd., a distinguished investment firm specialising in the energy sector.

## Isle of Man: Time is now to be a green energy pioneer

With the vast wind resources in the Irish Sea, and

the political will now demonstrated in Tynwald by the passing of the Climate Change Act in 2021, the Isle of Man is well positioned to tackle the climate crisis, ensure the Island's energy security and benefit from the ...



## ESC director leads sustainable energy project for island communities

A director of the Energy & Sustainability Centre Isle of Man (ESC) is leading a consortium bidding for EUR5million of European Commission funding to build a new form of energy storage designed specifically for island communities.

## Chemistry behind GES's new hydrogen battery unveiled!

Italian-made hydrogen batteries for storing energy derived from renewable sources, being developed by Green Energy Storage, have taken another step forward. The technology, particularly the chemical part, has been patented. Salvatore Pinto revealed to Il Corriere the chemistry behind the new hydrogen battery patented by GES - Green Energy ...



## Home

Building the storage of the future means preserving sustainability along the whole process: for this reason, we develop green chemistries based on abundant and no critical active materials that are easily accessible and characterized by low environmental impact.

Besides, GES battery is designed on circular economy and recyclability principles



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## The Burning Question: Why don't we run the island

So back to the original question, but adapting it slightly: the Isle of Man can run entirely on renewable energy provided wind power is integrated with energy storage and solar power. The islands of Samsø and Bornholm in Denmark, Orkneys and Eigg in Scotland and the Faroe islands are all demonstrating that this is both achievable and

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## Home

Affordable, clean and convenient self storage solution on the Isle of Man for businesses and households alike. Located at sites around the Island you can store your furniture, tools, archive files, inventory, equipment, and much more besides. Whether you are moving, decorating, need space for your hobbies, or for your business, we can store just about anything.

## ISLE OF MAN FUTURE ENERGY SCENARIOS

ISLE OF MAN FUTURE ENERGY SCENARIOS 19th July 2021 o In December 2020, the Isle of Man Government launched its Future Energy Scenarios (FES) Strategy to determine the pathway to meet the following: £99 per MWh (storage) \*Dependent on ...




**TAX FREE**

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://www.ssab-proiect.eu>