

# Svalbard and Jan Mayen extra utilities energy storage

Are Longyearbyen and Svalbard facing an energy transition?

Top image: Longyearbyen and Svalbard are facing an energy transition. This is the background for the cooperation agreement between UNIS, Store Norske and SINTEF. Photo: Graham Gilbert/UNIS. Longyearbyen and Svalbard are facing a huge energy transition.

What is the Internet penetration rate in Svalbard and Jan Mayen?

The Internet penetration rate in Svalbard and Jan Mayen was 63.0 percent of the total population at the start of 2022. 66 percent of the population, or an additional 4.3 percent, used the internet between 2021 and 2022.

How can Svalbard maintain a secure and sustainable supply?

Furthermore, the case found that the best long-term solution for Svalbard to maintain a secure and sustainable supply would be to integrate a mix of renewable energy technologies. Some of these technologies include: solar panels (PV), wind turbines, heat pumps connected to geothermal and both heat and electricity storage.

Can wind and solar power be used in Svalbard?

23) This approach is supported by an earlier case study prepared by The Nordic Council of Ministers (2018) titled 'De-carbonising Svalbard', 24) which suggests that wind and solar power used in combination with both electric boilers and heat pumps would provide ample electrical supply.

How has Norway diversified its activity in Svalbard?

Besides tourism, Norway has further diversified its activity on Svalbard by investing in high-level Arctic research. Norway has transformed the ex-mining town of Ny-Ålesund into an international Arctic research hub and established The University Centre in Svalbard (UNIS) in 1993.

Will Svalbard be a big challenge for Russia's mining town Barentsburg?

While Norway begins to transition away from coal, a shift towards renewables on Svalbard appears to be a bigger challenge for the Russian mining town of Barentsburg. Due to the unique condition of the Svalbard Treaty, Russia's ability to remain active on Svalbard is connected to its resource extractive activities.

Energy-Storage.news" publisher Solar Media will host the 2nd Energy Storage Summit Asia, 9-10 July 2024 in Singapore. The event will help give clarity on this nascent, yet quickly growing market, bringing together a ...

Added to the increase in capacity of its China factory from 2GWh to 6GWh, CEO Lindsay Gorrill told Energy-Storage.news in an interview that the company is "only a couple of years away" from having 18GWh of annual capacity available to transport and stationary energy storage market customers.

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Energy-Storage.news" publisher Solar Media will host the eighth annual Energy Storage Summit EU in London, 22-23 February 2023. This year it is moving to a larger venue, bringing together Europe's leading investors, policymakers, developers, utilities, energy buyers and service providers all in one place. Visit the official site for more info.

Energy-Storage.news" publisher Solar Media will host the 5th Energy Storage Summit USA, 19-20 March 2024 in Austin, Texas. Featuring a packed programme of panels, presentations and fireside chats from industry leaders focusing on accelerating the market for energy storage across the country. For more information, go to the website.

4 ???&#0183; Subscribe to Newsletter Energy-Storage.news meets the Long Duration Energy Storage Council Editor Andy Colthorpe speaks with Long Duration Energy Storage Council director of markets and technology Gabriel ...

Here, Carlos Nieto, Global Product Line Manager, Energy Storage at ABB, describes the advances in innovation that have brought AI-enabled BESS to the market, and explains how AI has the potential to make renewable assets and storage more reliable and, in turn, more lucrative.

The US energy storage industry saw its highest-ever first-quarter deployment figures in 2024, with 1,265MW/3,152MWh of additions across all market segments. According to the Q2 2024 edition of the US Energy Storage Monitor report by research group Wood Mackenzie, published in partnership with the American Clean Power Association (ACP), this ...

Germany had around 1GW/1GWh of front-of-meter grid-scale energy storage online as of end-2023 and, according to a recent report from consultancy GEEC, that could increase to 50GW by 2037. The market picked ...

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Longyearbyen and Svalbard are facing a huge energy transition. UNIS, Store Norske and SINTEF have therefore entered into an agreement on strategic cooperation within renewable energy systems adapted to Arctic ...

The Spanish Ministry of Ecological Transition (MITECO) has published the regulatory basis for the EUR750 million (US\$812 million) incentive scheme for renewables and energy storage manufacturing.

A project rendering issued when Great Kiskadee Storage was announced by Apex and Powin in May 2023.



Im norwegischen Sprachgebrauch hei&#223;t die Inselgruppe Svalbard („k&#252;hle K&#252;ste"). Jan Mayen ist eine 373 km&#178; gro&#223;e Insel ca. 650 km nord&#246;stlich von Island in der Gr&#246;nlandsee und ist politisch gesehen ein integraler Teil Norwegens, geh&#246;rt ...

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President Biden signed the Inflation Reduction Act into law, 16 August 2022. Image: President Biden via Twitter. US President Joe Biden signed the Inflation Reduction Act yesterday, bringing with it tax incentives and other ...

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