



Norway 100MW energy storage project

Where is Northern Lights CO₂ stored?

The Norwegian Minister of Energy officially opened the Northern Lights CO₂ transport and storage facility in Øygarden, near Bergen, Norway. The Northern Lights facility is a joint venture between Equinor, Shell, and TotalEnergies. With the opening, Equinor's cross-border facility is ready to receive and store CO₂.

Which companies are completing the Northern Lights joint-venture in Norway?

Paris, September 26, 2024 - TotalEnergies and its partners, Equinor and Shell, announce the completion of the CO₂ receiving and storage facilities of Northern Lights Joint-Venture in Norway.

How much did the Norwegian government pay for the Northern Lights project?

The Norwegian government covered about 80% of the cost for the first phase of the Northern Lights project. "The support from the Norwegian government and European Commission has been important contributing factors to successfully completing Phase 1 and advancing Phase 2.

Is northern lights ready to receive and store CO₂ from European industries?

Northern Lights is now ready to receive and permanently store CO₂ from European industries, with first CO₂ injection expected in 2025. Developing CO₂ transportation and storage services is one of the necessary levers to reduce emissions and a realistic decarbonization solution for European industry.

How much is the Northern Lights project worth?

The first phase of the Northern Lights Phase 1 project, valued at \$710 million, reached FID in May 2020. Northern Lights is part of the larger Norwegian full-scale Longship CCS project that includes capturing CO₂ from industrial sources and shipping liquid CO₂ to the terminal in Øygarden, near Bergen, Norway.

How much CO₂ will the Northern Lights CCS project receive?

Phase 1 capacity of 1.5 million tonnes per year (Mtpa) of CO₂ is fully booked. The Northern Lights CCS project offshore Norway is expected to receive the first carbon dioxide from Phase 1 later this year and first carbon dioxide from Phase 2 in late 2028.

The Polaris project is targeting total carbon storage capacity of more than 100 MM tons, around twice Norway's annual greenhouse gas emissions. It is also a key component of the planned Barents Blue project, ...

174 Power Global signed an agreement to take on the project with utility company Con Edison after winning a competitive solicitation process. The utility has been handed a state mandate to deploy 300MW / 1,200MWh of energy storage on its networks by 2030 - its contribution to New York's 3,000MW by 2030 policy target - and the Astoria system, dubbed ...



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Earlier this year, Alamos, another 100MW / 400MWh California battery storage project was inaugurated by power producer AES Corporation and its part-owned BESS technology company Fluence, with that one chosen over a new-build natural gas project, while utility Florida Power & Light said installation of batteries has begun at Manatee Energy ...

Arkansas, currently ranked 31st among US states for solar deployment, will get a solar-plus-storage plant with 100MW of photovoltaic generation and 10MW / 30MWh of battery storage after regulator Arkansas Public Service Commission approved the project.

Neoen shared this image of the site under construction as it announced the project's financial close. Image: Neoen via Twitter. Australia's national Clean Energy Finance Corporation (CEFC) has invested to help a ...

Renewable energy developer and operator Apex Clean Energy has completed a US\$150 million financing with First Citizens Bank for two ERCOT, Texas, battery energy storage system (BESS) projects. First Citizens Bank was sole bookrunner and co-lead arranger on the financings for the 100MW/200MWh Great Kiskadee Storage in Hidalgo County and the ...

SN Aboitiz Power Group (SNAP), a joint venture between Aboitiz Power Corp. and Norwegian firm Scatec, is eyeing to bolster its battery energy storage system (BESS) portfolio with potential investments of at least \$80 million for three more projects. "We have several projects in the pipeline. We have three more battery storage systems that we're working on," ...

Edify Energy has submitted plans for a 100MW solar-plus-storage project in New South Wales to the Australian government's EPBC Act. ... 100MW and will feature a 100MW/400MWh 4-hour duration ...

12 September, Cairo/Oslo: Scatec ASA has signed a USD denominated 25-year power purchase agreement (PPA) with Egyptian Electricity Transmission Company (EETC) for a 1 GW solar and 100 MW/200 MWh battery storage hybrid project in Egypt, the first of its kind in the country.

The ERCOT, Texas energy storage market has been a hive of activity in recent months. A 100MW pipeline of ten projects, to be developed by FlexGen, was recently bought by investment fund SUSI Partners from SMT Energy, while gravity-based storage company Energy Vault is delivering a 200MW BESS for Jupiter Power.

Sineng Electric has announced the successful commissioning of a 100MW/200MWh energy storage project in China's Shandong province, delivering significant economic, environmental and social benefits to the ...

A 99.9MW energy storage project in development in northern England by Renewable Energy Systems (RES) has secured planning permission, with the asset set to be operational in late 2023. ... Owner-operator BW ESS" ...

Back in February 2021, SPower closed a US\$152.4 million non-recourse debt finance deal for the project. At

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that time, Energy-Storage.news was told by Frank Beckers, a partner at clean energy advisory and consulting firm Apricum that it was something of a "landmark deal," which demonstrated "the ability to tap on sizeable Project Finance ...

Its capacity will eventually be doubled to 100MW/200MWh, but is almost certain to already be the largest sodium-ion project in the world, as claimed in both announcements. ... the project manager said. Energy-Storage.news has been told anecdotally that one reason China is investing so heavily on sodium-ion technology is because of fears that ...

Swedish renewable energy developer Eolus has reached an agreement with a privately held US renewable energy producer to sell its Pome battery energy storage project in Poway, California, US. The 100MW/400 ...

Equinor and its partners are moving forward with the second phase of the Northern Lights carbon capture and storage (CCS) project in Norway. Operator Equinor announced on 27 March that the Northern Lights ...

Renewable energy asset management software group Power Factors will add a 100MW battery energy storage system (BESS) to its recently-launched battery storage performance management platform. The company said this week that the 100MW / 400MWh Saticoy BESS project in Ventura County will be onboarded into its platform, called Drive.

Utility-scale renewable energy developer Alpha Omega Power (AOP) has acquired and secured financing for the Caballero battery energy storage project. The 100MW/400 megawatt hours Caballero project battery energy storage system, located in Nipomo, California, will serve the California ISO (CAISO) market.

The project was first announced in 2018, with another 100MW project at Shannonbridge also unveiled. Together, the two battery energy storage systems (BESS) were set to involve a EUR150 million (£135 million) combined investment, creating 240 jobs during construction and 10 subsequent to the systems going into operation.

Installed with Sungrow's cutting-edge BESS 3-hour PowerTitan 2.0, the Bramley project will play a vital role in bolstering UK energy security and fortifying the resilience of the electricity system.

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