

Is Yunicos a 'pioneer' of advanced battery energy storage?

Yunicos, widely considered one of the 'pioneers' of advanced battery energy storage, with head offices in Germany and in the US, has executed some 40 projects to date across four continents, totalling more than 200MW of flexible resources deployed.

What happened to Yunicos & Aggreko?

Sign that greets visitors to Yunicos' German offices. Image: Yunicos. Energy storage provider and system integrator Yunicos has been bought out by Aggreko, a power generation equipment and energy controls supplier.

What is Yunicos & how does it work?

Finally, it has Yunicos' software, which ties together batteries, inverters, generators and the ability to simulate the impacts of moment-to-moment fluctuations in wind and solar power, much like Germany's grid faces every day.

Did Yunicos buy Xtreme Power?

(Prince declined to confirm or deny the \$200 million figure.) Last year, Yunicos bought the assets of Xtreme Power, a bankrupt U.S. grid battery maker and control software vendor, adding about 60 megawatts of working projects to its portfolio.

How much money has Yunicos raised?

According to Bloomberg, Yunicos has raised about \$200 million from backers including Samsung and German-Japanese flow battery maker Gildemeister/DMG Mori Seiki. (Prince declined to confirm or deny the \$200 million figure.)

Yunicos will work within a new business unit, Aggreko Microgrid and Storage Solutions, which aims to deliver energy-storage-as-a-service, as well as full microgrid "as a service", built on Aggreko's 9-GW fleet ...

The "base case" typically revolves around optimising energy procurement by reducing connection and peak energy charges. If C&I users deploy storage in conjunction with solar, our battery systems will also help ...

Berlin- and Austin-based Yunicos provides the necessary software for plant control and is supporting WEMAG with technical expertise during the implementation phase. Yunicos will also integrate additional power electronics into the system. The Schwerin battery park, commissioned in 2014, was the first commercial battery storage resource in ...

2017 wurde Yunicos Teil des Teams Aggreko, zunächst als hundertprozentige Tochtergesellschaft, dann als integraler Bestandteil unseres Unternehmens. Die Akquisition hat Experten zusammengeführt, ...

die genau wissen, wie man alle Arten von Energie nahtlos integriert und verwaltet, einschließlich thermischer und erneuerbarer Energien und ...

Battery-based energy storage integration and development company Yunicos is to provide a 1MW turnkey battery system for a solar project in Texas from PV developer OCI Solar Power. Yunicos will design, engineer, integrate and construct the battery system, which uses technology from battery provider LG Chem.

Yunicos has been selected by Centrica to design and deliver one of the world's largest and most sophisticated battery-based energy storage systems. To be completed by winter 2018, the 49 megawatt (MW) lithium-ion system will respond to fluctuations in electrical demand in less than a second.

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The Y.Cube combines lithium-ion battery blocks with a Yunicos-engineered power conversion system (PCS) in a customized enclosure, controlled by the company's industry-leading intelligent energy storage software. According to James P. McDougall, Yunicos Chief Executive Officer, the Y.Cube represents the next generation of integrated storage solutions. ...

Fast, Flexible Deployment: Ready-to-go, plug-and-play design simplifies setup and commissioning, fitting seamlessly into both grid-forming and grid-following applications. ... Battery storage is often used to store energy from renewable sources that would otherwise be wasted, or deal with the challenge of variable loads from sources like solar ...

Yunicos has pushed the boundaries of the energy world for more than a decade. In that time they have deployed 220 MW of battery storage capacity in almost 50 projects worldwide. It's been quite a journey! In 2017 Yunicos became part of team Aggreko, first as a 100% subsidiary, then as an integral part of our company.

Energy storage pioneer Yunicos has teamed up with Bavarian distribution grid operator LEW distribution GmbH, the Reiner Lemoine Institute and SMA Solar Technology AG to investigate the potential ...

Image: Yunicos is a Germany-based battery storage integrator owned by Aggreko. Photo: courtesy of YOUNICOS GMBH. Customers around the world can benefit from this new modular and mobile approach, combining low-cost renewables, in particular solar, with thermal generation and battery storage in one single contract with flexible conditions.

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Younicos, which has units in Germany and the US, offers modular and scalable smart energy solutions integrating battery storage. Aggreko noted that Younicos's integration and control systems could be deployed across the firm's existing business to lower the cost of energy, ensure reliability and cut carbon dioxide (CO<sub>2</sub>) emissions.

Younicos' advanced lithium-ion and sodium-nickel-chloride (NaNiCl) battery-based energy storage systems (BESS), distributed renewable energy resource management and grid-integration technologies have been ...

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