Younicos battery storage Bulgaria

What is a Younicos battery based energy storage system?
Centrica (UK) Younicos has been selected by Centrica to design and deliver one of the world's largest battery-based energy storage systems. To be completed by winter 2018,the 49 megawatt (MW) lithium-ion systemwill respond to fluctuations in electrical demand in less than a second,to maintain electric power frequency and stability.

What is Younicos & how does it work?
Finally, it has Younicos' 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.

How many employees does Younicos have?
Younicos had two primary facilities: Younicos AG in Berlin,Germany,and Younicos Inc. in Austin,Texas. It employed a total of about 130 peopleas of 2017. The company was founded in Berlin,Germany,in 2005 under the name Solon Laboratories by executives of German solar manufacturer Solon.

How much money has Younicos raised?
According to Bloomberg,Younicos has raised about $200 millionfrom backers including Samsung and German-Japanese flow battery maker Gildemeister/DMG Mori Seiki. (Prince declined to confirm or deny the $200 million figure.)

Younicos announced Monday it will deliver a megawatt-scale battery storage system to Austin Energy in Texas. ... Our Y.Cube is ideal for this application - offering the best in battery storage, intelligent control, system performance and safety in a compact form factor. We"re very pleased to partner with Austin Energy and Doosan GridTech on ...

Customers will sign up to a flexible contract where renewables, thermal generation and battery storage can be combined to provide modular and mobile but reliable solutions.

If C& I users deploy storage in conjunction with solar, our battery systems will also help them optimise self-consumption and synch it with both their own energy demand and opportunities on the grid. On top of that, C& I users can leverage their new asset to tap into various revenue streams - from provision of ancillary services to ...

Younicos submitted a project in which the company, together with the Technische Werke Ludwigshafen, developed a combined balancing power plant, coupling a 4 MW gas turbine with a 9 MW battery...

Younicos 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 Younicos became part of team Aggreko, first as a 100% subsidiary, then as an integral part of our company.

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"As a pioneer of smart energy solutions based on battery storage, Younicos is at the forefront of this trend. Together we are a powerful combination; our scale, fleet and global presence, coupled with a smart energy capability, will allow us to open up new markets and provide our customers around the world with a reliable, cheaper and cleaner ...

Increasingly, solar energy and behind-the-meter battery storage assets are being deployed on an "as-a-service" basis and system integrator Younicos has decided to replicate the strategy for ...

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Korean battery maker Samsung SDI supplied Younicos with batteries for its recent large-scale projects and also signed a deal in September last year to supply Green Charge Networks, a maker of customer-sited storage products for markets including solar and electric vehicles (EVs), with up to 25MWh of batteries.

The Restore project in Bulgaria for battery energy storage, intended for balancing electricity from renewable sources, will total 6 GWh. A state-owned company, which should be established by the end of June, will run the entire project, while the first tenders should be completed by the end of September.

Younicos 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 of distributed power generation assets.

2017 wurde Younicos 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 ...

Berlin-based energy storage software firm Younicos and German utility WEMAG have started work on expanding the storage capacity of a battery park in Schwerin, Germany, from 5MW to 10MW power output and 5MWh to 14.5MWh capacity. Younicos is providing software for plant control as well technical expertise

during the implementation phase.

A pioneer of clean energy storage systems, Younicos is dedicated to providing customers with reliable and sustainable energy sources. Learn more at Aggreko. Younicos is now part of Aggreko, making powerful solutions available wherever, however and whenever they are needed

The lab contains a 1-megawatt, 6-megawatt-hour sodium-sulfur battery from NGK for long-term energy storage and a 200-kilowatt-hour lithium-ion battery from Samsung SDI for high-power...

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Back in 2015, Younicos spokesman Philip Hiersemenzel had told Energy-Storage.News that Duke Energy was using the Notrees battery system "more for primary frequency response rather than ramping and peak shaving which they originally thought they would do". This was due to an increasing economic value attached to fast-responding ...

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Younicos hosted a groundbreaking ceremony for the project late last year. Image: Younicos. An energy storage project aimed at enabling the grid integration of 1MW of solar and 4.5MW of wind on the Portuguese island of ...

About Younicos. Younicos Gmbh (Younicos), a subsidiary of Aggreko Plc, is a provider of smart energy and grid solutions based on battery storage technology. The company offers Y-Cube plug and play energy storage solution, Y-Station building solution, and Y-Q software platform.

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 ...

Energy storage system provider and integrator Younicos originally built and connected the 5MW / 5MWh battery park in Schwerin, a city in northern Germany, in 2014. ... there has been increased interest in a handful

of regions in the concept of using energy storage batteries to "kickstart" disconnected or dysfunctional grids, a role ...

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