

Summary

Great strides are being made toward market entry. A field test proved that Sicens fuel cells can be restarted after being frozen – without posing any problems. In addition, a field testing system with a construction company shows that the fuel cells, together with batteries, can provide quiet, clean electricity for construction sites. Sicens debuts its own stand in 2016 at the most important solar trade fair, Intersolar in Munich. Sicens is now also an official training workplace, and our newly-designed homepage went live in June.

Freezability



In January 2016, Sicens proved under real-life conditions that its fuel cell system is not damaged in any way by being frozen. In a field test, the system was put back into operation after it was fully frozen overnight – its restart was flawless. In contrast to several competing products, freezing a Sicens fuel cell is a noncritical process, which – since the system does not need to be kept warm unnecessarily – reduces operating costs and makes winter transports a breeze.

Electricity for Building Sites



At the beginning of April 2016, Sicens installed a field testing system at a construction company in Munich. This system has since put in more than 400 operating hours. It consists of three boxes – one for the batteries and power inverter, one for the methanol fuel and one for the fuel cell – and it makes quiet, clean electricity available to building sites. Construction companies receive the benefit of expanding their range of applications, as they can even work at night, in residential areas or in tunnels.

Intersolar



This year, Siqens debuts its own stand at the Intersolar trade fair in Munich for the first time. The company demonstrates the current version of its fuel cell, and its integration into self-sufficient energy systems, in hall B3 at stand B3.478.

Training Workplace



The Chamber of Commerce and Industry for Munich and Upper Bavaria has verified Siqens as a training workplace. Starting in September 2016, Siqens will take on its first trainee.

About Siqens

Siqens is a German start-up which provides self-sufficient energy systems. The company combines solar power and batteries with a small fuel cell to achieve total self-sufficiency. Siqens developed the fuel cell, which bridges the gap between solar or wind energy provision. After carrying out substantiated research and development and multiple field tests, the company is now preparing to enter the market.

In 2012, Siqens received the f-cell award for its new technological approach to fuel cell technology. In the spring of 2015, Siqens was chosen by a European Union commission of experts, as one of very few German companies, as a recipient of the 'Horizon 2020/SME Instrument' funding programme. With this programme, the EU honours leading innovators and financially supports the development of excellent technical innovations into marketable products.