

Review of the energy storage situation

Benfeld, 23 January 2017

What is the situation regarding the crucial question of energy storage? The answer was provided during a conference held at Socomec, organised by the Energy Environment Technical Association (ATEE) of Alsace.

Last Friday on 20 January at Socomec's HQ, ATEE Alsace (Energy Environment Technical Association) organised a conference morning on the following theme: *energy storage at the heart of current challenges*.

At a time when new provisions are being implemented by public authorities, the event presented an updated review of the situation and of energy storage techniques.

Energy storage is key to the integration of intermittent renewable energies in the smart grids of tomorrow.

Energy demand fluctuates during the day, the week and the year, particularly for electricity, calling for a constant balancing of supply (energy production) and demand (energy consumption) in dynamic mode.

The conference first reviewed the evolution of French regulations regarding energy storage, detailed the need for flexible electrical systems and described the requirements for electricity and heat storage potentials in France by 2030. It also presented the emerging storage solutions, including those at an international level which could be transposed to France.

Socomec then provided feedback of its own experience as part of the European smart grid pilot project (the Nice Grid: the massive integration of renewable energies using storage solutions), the Resilient Micro Grid (power conversion and renewable energy production for a district), and the smart building (a low consumption tertiary building producing renewable energies and equipped with its own storage capacity). It also presented its storage solutions for buildings, initiated in the United States.

At the end of the conference, Socomec's showcase building was visited.

About ATEE:

ATEE is committed to improving energy control and reducing greenhouse gas emissions.

The aim of the association is to support greater energy control within companies and communities and, more generally, to help energy users learn about the possible steps they can take to better manage and save energy and reduce their energy bills, as well as contributing to national targets for reducing greenhouse gas emissions.

The association has 2200 members.

To find out more: <http://atee.fr/>

ABOUT SOCOMEC

Founded in 1922, SOCOMEC is an industrial group with a workforce of over 3,000 people around the world in 21 subsidiaries. Our core business: the availability, control and safety of low voltage electrical networks... with increased focus on our customers' power performance. In 2016, SOCOMEC posted turnover of 480 M€;



FOR MORE INFORMATION

SOCOMECS Alain Gamba
Communications & Sustainable Development Director
Tel. : +33 (0)3 88 57 41 38
E-mail : alain.gamba@socomec.com

<http://www.socomec.com>