

Powertage 2022

The Swiss electricity and energy industry faces great challenges ahead

From May 17-19, the Swiss electricity industry will come together for the 2022 Powertage held at the Zurich Exhibition Centre to present new products and innovative solutions, and to discuss current challenges. Key topics at this year's main national electricity industry meeting will be security of supply, renewable power supply, digitalisation, cybersecurity, energy efficiency, mobility, interconnection, and storage. The Energy Startup Day is a new addition taking place at the Powertage.

Zurich, 16 May 2022 – A reliable energy supply is one of the key foundations for the functioning of the economy and society. Accordingly, security of supply is currently a priority on various agendas and a matter of urgency. Moreover, rising energy prices, international conflicts and political blockades are creating uncertainty, while demand for electricity is steadily increasing due to digitalisation, increasing electromobility, and the avoidance of fossil fuels. Switzerland needs to address and deal with these developments intensively. Experts are currently trying to determine which technologies need to be used more intensively or accelerated in their expansion. Other key questions are whether a larger reserve of hydropower is necessary, and how gas power plants can be used as an interim solution to compensate for critical supply situations until sufficient local energy can be produced from hydropower, solar power, and wind. “The Swiss electricity and energy industry currently faces major challenges. That is why it is now more important than ever for measures to be established along the entire value chain. Powertage provides the industry with the largest platform to come together and discuss possible solutions,” says Theresia Saner, Brand Director of Powertage.

Professional forum focuses on efficiency and professionals

On 17 May, the VSE's trade forum will highlight the pressing issues surrounding the security of electricity supply from a variety of perspectives: Nadine Brauchli (VSE), Benoît Revaz (BFE), Gian von Planta (SWL), and Jörg Wild (Energy 360°) discuss the most urgent actions and challenges that the conversion of the energy system pose for the grid. Valérie Bourdin (VSE) and Konrad Rieder (SIG) present a collaborative energy efficiency platform, giving an insight into an interesting cross-industry project. Without grid electricians, the electricity grid cannot be optimised for the future of energy. But why is it so difficult for this highly relevant and exciting industry to mobilise sufficient professionals? Christoph Hauser from the University of Lucerne analyses the shortage of skilled professionals from an economic

The Swiss power industry meets in person at the Powertage |2

perspective and discusses the challenges, innovative approaches and changes in this profession at the subsequent podium. Andreas Degen (VSE), Reto Schrepfer (ewz) and a learning grid electrician will also take to the podium.

The Electrosuisse trade forum presents ways to ensure the electricity supply

On 18 May, the Electrosuisse trade forum will present the technical possibilities to ensure security of supply. Not only sustainable energy sources and efficient consumers will be addressed, but also their networks, which are needed to deal with fluctuating generation and intelligent load control. Kristina Orehounig (EMPA) leads with modern urban energy systems, and Felix Tresch (Electricity Plant Ursern) talks about wind power from the Alps in his experience report. Suad Emrulai (Siemens Schweiz AG) will raise awareness of possible cyber attacks and countermeasures for this highly connected system landscape. This series of lectures is concluded by Pierre-Jean Alet (CSEM) with a rundown of applied research and innovation.

Open Innovation Forum: Putting renewable electricity into practice

The Open Innovation Forum was designed in collaboration with various industry partners and will take place for the first time during the 2022 Powertage. The new format provides a stage for various real-life fail and success stories. On 19 May, five innovative projects will be presented and the lessons learned will be addressed in a panel discussion. These include the St. Gallen geothermal project, the Ewz's Platform Equigy, and the "Nein zum Windkraftprojekt" in Muttenz. Fabian Etter, co-president of swisscleantech, will be acting as the innovation expert in the panel.

Leading suppliers under one roof

More than 150 of the industry's leading suppliers will be on hand at the Powertage exhibition. The exhibitors will showcase products, technologies, and services from various areas of the electricity industry. The ten energy startups showcasing their innovations at the xplor Startup Village are sure to stir up inspiration. Another new feature in the classic exhibition section is the Speakers' Corner. In the afternoon, startups present innovation pitches, while established companies introduce solutions and products.

Energy Startup Day during the Powertage

Energy Startup Day is an annual event that brings together pioneering Swiss energy and cleantech startups with established companies, public institutions, and investors to foster relationships, collaborate, and make investments. This year, the event will take place as part of the Powertage.

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A detailed programme for Powertage from 17-19 May 2022, is available online on the website.

Powertage 2022

Tuesday, 17 May through to Thursday, 19 May 2022

Trade forum from Tuesday to Thursday, 9 a.m. to 11.45 a.m.

Exhibition from Tuesday to Thursday, 10 a.m. - 5 p.m.

Organiser

MCH Messe Schweiz (Basel) AG, Powertage, 4005 Basel, Switzerland

www.powertage.ch / info@powertage.ch

Partner

The Powertage are supported by the Federal Office of Energy (BFE) and renowned industry associations. These include the Swiss Association of Electricity Companies (VSE), Electrosuisse (Association for Electrical, Energy and Information Technology), swissmig, and the Swiss Smart Grid Industry Association.

Programme/event calendar: <https://www.powertage.ch/de/forum>

All exhibitors and partners: <https://www.powertage.ch/de/aussteller-partner>

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