Energy storage vienna

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The highlight and closing event of the winter semester was a panel discussion with renowned panellists at the Main Ceremonial Hall of the University of Vienna including our board member Georg Kresse.

Our business focus is market driven storage, conversion and conditioning of energy in gaseous forms. The company has gas storage capacity of about 6.3 billion cubic metres (bn cu m) of natural gas, or about 6% of total capacity in the EU. A large part of RAG"s gas fields have already been converted into storage facilities, which can rapidly discharge stored energy in large quantities on-demand. In this way RAG is delivering on its vision of "sustainable energy mining", and decisively reinforcing security of supply in Austria and Europe.

RAG operates and continues to develop a total of 11 pore storage facilities. These include the storage facilities in Puchkirchen/Haag, Haidach, Haidach 5, Aigelsbrunn and the 7Fields interconnected gas storage as well as the hydrogen storage facilities in Pilsbach and Rubensdorf.

We also develop leading edge energy technologies related to "green gas" that partner renewables. This is enabling RAG to play a vital role in attaining Austria"s ambitious climate goals, and in the sustainable stewardship of the country"s raw material and energy supplies. RAG aims to provide its customers with safe, efficient and affordable energy and gas storage services - sustainably and responsibly.

Long duration energy storage provider phelas and Austria"s largest regional utility, Wien Energie will work together to explore possibilities to deploy long-duration energy storage systems to support Wien Energie"s vision in strengthening its green energy portfolio and achieving climate neutrality by 2040.

Wien Energie, Austrias largest regional utility and phelas, Munich-based provider of Long Duration Energy Storage (LDES), announced a strategic partnership to evaluate energy storage systems to support Wien Energie"s vision in strengthening its green energy portfolio and achieving climate neutrality by 2040.

Munich, Germany & Vienna, Austria: phelas announces a strategic partnership with Wien Energie, Austria"s largest regional energy supplier. The project consists in running a feasibility study on the deployment of energy storages using phelas next generation Liquid Air Energy Storage technology.

The partnership aims to use phelas" in-house development energy storage assessment tool CATALYST to quantify the value creation of energy storage for Wien Energie use cases. The assessment methodology provided by phelas is capable to benchmark different storage technologies and storage sizes in more than 10 000 different scenarios. This approach is perfectly suited to answer what constellation of technologies will yield the optimal solution for Wien Energie.

According to phelas, their modular long duration energy storage system may provide the ideal solution for

Wien Energie"s renewable generation assets to increase the electricity"s market value, provide ancillary services and reduce curtailment cost. The feasibility study is set up to provide results by mid of 2023.

Justin Scholz, Co-Founder and CEO of phelas, said: "Energy storage is the missing piece to solve the equation of the energy transition. We are excited to work together with Wien Energie as a strong partner to spearhead energy storage to ensure a reliable, green, and low-cost energy system."

phelas is an energy storage company with the vision to provide reliable, green, and low-cost electricity everywhere in the world. phelas" new long duration energy storage technology uses an in-house developed thermodynamic process to store energy in liquid air. Through this modular, affordable, and sustainable technology, it is possible to meet the energy storage needs of renewable energy operators, system operators and industries in a tailored and profitable manner.

Wien Energie reliably supplies two million people and 230,000 commercial and industrial facilities with energy. Security of supply and climate protection are top priorities. Electricity and heat production comes from renewable energy such as solar, wind and hydropower as well as biomass, waste recycling and combined heat and power.

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