Austria energy storage applications

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HomepageSolutionsPhotovoltaic Systems & Battery Energy Storage

The AIT CenterforEnergycombinesmorethan20yearsofknow-howinthefield of photovoltaics withcutting-edgelaboratoryinfrastructure.Wesupportourcustomerswithinnovativeresearch,developmentand testing of solar cells, PV modules and PV powerplants, tomeethighestqualityandperformancelevels.

We offer tailored data-driven solutions for thephotovoltaicsector,suchasperformanceandfailurediagnosistomaximizetheefficiencyofPVassets, thus ensuring thatourclinetshaveacompetitiveadvantageintheseglobalmarkets.

AIT tests the quality and performance of photovoltaic modules and components in its accredited testing laboratory. AIT provides support in the development of customised solutions and scientific consultation.

Through our comprehensive due diligence examination and technical consultation, investors, project developers, insurers, and facility operators benefit. We thereby lay the foundation for secure and profitable investments.

AIT offers digital tools for precise performance and fault diagnosis of PV systems at the module, string, and inverter level. Action recommendations are derived from this to increase the performance of the systems.

AIT offers tools and solutions for PV integration in agriculture (agrophotovoltaics), buildings (BIPV), and public infrastructure. The choice of the appropriate technology combination, taking into account longevity, efficiency, and economic viability, is crucial.

AIT develops technologies, manufacturing processes, and characterization methods for thin-film solar cells and functional coatings for energy applications. We offer solutions for green hydrogen, transparent heating elements, optoelectronics, and solar cells.

Pflichtfelder sind mit einem * markiert.

RAG"s energy storage facilities are highly versatile. Their wide range of capabilities contributes to securityof supply in Austria and Europe, and they hold the key to a sustainable energy future. Large volumes of gaseous energy sources can be stored here. Currently used primarily for traditional natural gas,in future they will also store green gas such as hydrogen, for withdrawal at high capacity and at any time.

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As a gas storage facility operator our missionis the storage of gaseous energy sources and the utilization of storage facilities for sustainable energy storage.

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