

What land rights do I need for a storage project?

Land rights: appropriate land rights will need to be secured for the project, the nature of which will depend on the type of storage project proposed and its expected lifetime (for example some pumped-storage projects have an asset life of over 40 years).

Does energy storage need a regulatory framework?

Our review demonstrates that no jurisdiction currently provides a comprehensive regulatory framework for energy storage, with the majority of jurisdictions currently allowing storage to be defined as "generation" for the purposes of licensing and other regulatory requirements.

How do leasehold-type land rights affect a storage project?

For leasehold-type land rights, the rental arrangements may influence the usage of the storage project. Some landlords may also require technology-specific protections to be included in the documentation, for example in relation to contaminated land issues.

Why is energy storage important?

Energy storage has become an area of focus in many jurisdictions across the globe due to its potential to offer a wide range of benefits to electricity systems. This Expert Guide brings together analysis from our legal experts across 22 jurisdictions.

Who can benefit from energy storage?

Energy storage offers a range of opportunities for standalone developers, generators, network operators and consumers (ranging from large energy users through to domestic consumers) and other electricity sector participants. Storage is an increasing focus due to the range of benefits the various technologies can provide.

How flexible is energy storage?

The flexibility of energy storage is demonstrated by projects being able to provide some or all of the following to the electricity system: Energy storage may be used in a range of project types, including standalone, co-located, and behind-the-meter projects. Standalone energy storage projects are increasingly utility-scale installations.

This regulatory shift significantly broadens the eligibility for ITCs on energy storage systems, removing prior barriers linked to dual-use energy concerns and facilitating ...

Introduction The U.S. Treasury Department and IRS on January 7, 2025, issued final regulations (T.D. 10024) related to the section 45Y clean electricity production credit and section 48E clean ...

In brief What happened? The IRS and Treasury on June 3 published proposed regulations on the Section 45Y

clean electricity production tax credit and the Section 48E clean electricity ...

Advancements in energy storage technologies have spawned a proliferation of innovative solutions, many of which are now safeguarded by patents that protect intellectual property rights.

1 ??&#0183; Two battery energy storage systems (BESS) are proposed for Vales Point Power Station and the other at Berkeley Vale. The first one is a joint venture between Delta Power and ...

On December 4, 2024, the US Treasury and IRS issued final regulations (TD 10015) clarifying the definition of energy property and rules for the energy credit under Section ...

On September 17, the 2025 World Energy Storage Conference was held in Ningde, Fujian Province. Zeng Yuqun, founder and chairman of Ningde Times, said in his speech at the ...

Energy Storage: Battery Energy Storage Systems (" BESS ") may also qualify for the solar exclusion if they are used 100% to store solar energy. To the extent that energy is ...

Who qualifies Owners of qualified facilities, property and energy storage technology placed into service after December 31, 2024, may be eligible for the 5-year MACRS ...

Senate Bill 819 targets wind and solar energy development with a subjective, arbitrary review process, additional costs, and setbacks that can be changed at the stroke of a ...

1 ??&#0183; General Site Requirements The property owner (or authorized representative) must be willing and able to enter into a solar contract. The building, parking lot, or land should be ...

The storage of the renewable resources is the key factor to use resources efficiently [1]. Lead-based ceramic capacitors have been used as energy-storage components ...

The Proposed Regulations would provide that for purposes of this rule, the maximum net output of an energy property is measured only by nameplate generating capacity ...

Current data fails to show that defense mechanisms for Intellectual Property Rights substantially advance energy storage technological innovation. China's quick ...

Renewable Energy Exemption K.S.A. 79-201(Eleventh), states: For all taxable years commencing after December 31, 1998, all property actually and regularly used predominantly to produce ...

Developing and operating a successful solar energy project requires more than having the latest solar technologies. Low-maintenance, high-return projects start with leases and easements ...

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