

Xiao et al. (2020) evaluated the role of energy storage technology for remotely delivering wind power by ultra-high voltage lines. Wei et al. (2018) revealed the energy cost ...

Here we use a global integrated assessment model to explore the implications of renewable electricity trade via a set of planned direct-current-type ultra-high-voltage (UHVDC) transmission...

The 2050 carbon-neutral vision spawns a novel energy structure revolution, and the construction of the future energy structure is based on equipment innovation. ... The development of ultra-high voltage transmission ...

A rapid global energy transition, including the ramping up of electricity generation from renewables, is needed to limit global warming to 2 °C or 1.5 °C. However, ...

The Xiangjiaba-Shanghai transmission link, which went into service in 2010, is one of China's first ultra-high-voltage (UHV) projects - a technology designed to deliver electricity over long ...

As a result, the use of indene-C60 bisadduct brings unprecedentedly high voltage of 0.94 V, which is over 50% higher than that of 0.6 V for device based on [6,6]-phenyl-C61 ...

Advances in high-voltage supercapacitors for energy storage systems: materials and electrolyte tailoring to implementation Jae Muk Lim,<sup>+a</sup> Young Seok Jang,<sup>+a</sup> Hoai Van T. Nguyen,<sup>+b</sup> Jun ...

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