

New observations on media economy and energy storage

Why is media attention important for energy companies?

Media attention plays a crucial role in shaping the reputation, social influence, and driving forces of energy companies. Simultaneously, media coverage significantly contributes to cultivating and enhancing public awareness of energy transition and creating an overall societal atmosphere conducive to energy transformation.

How can the media help the public understand the energy transition?

The media can provide the public with information about the energy transition, including renewable energy technologies, energy policies, carbon emissions, etc., to help the public understand the importance and impact of the energy transition.

How will negative media attention affect New Energy Enterprises?

People are full of strangeness and expectations of new energy, and negative media attention will amplify people's anxiety about the role of new energy in society, deepen their misconceptions about new energy, and undermine their confidence in new energy, which in turn will affect the economic benefits of new energy enterprises. Table 9.

Does media attention influence energy transformation?

There is extensive research on factors influencing energy transformation, primarily focusing on policy, technology, finance, and related areas. However, there is relatively limited research on the impact of media attention on energy transformation.

How does media attention affect energy corporate image?

Media attention, as one of the important channels for consumers, external investors, and other stakeholders to understand corporate information, effectively influences the shaping of energy corporate image, and it also correlates with corporate performance evaluation and corporate development.

Does media attention play an important role in China's Energy Enterprise Performance?

6.2. Practical implication The research results of this article indicate that media attention plays an important role in China's energy enterprise performance and energy transformation, and based on this, practical suggestions are given as follows:

1. Introduction. In order to mitigate the current global energy demand and environmental challenges associated with the use of fossil fuels, there is a need for better energy alternatives and robust energy storage systems that will ...

We are replying to such a threat with this study that aims to reflect on the immense role of media in shaping a low-carbon economy in transitional economies. We are using ...

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PHES is currently the only commercially proven large scale (>100 MW) energy storage technology with over 300 plants installed worldwide with a total installed capacity of ...

Consortium for Circular Economy of Energy Storage ("C2E2") Launched May, 2021. Stanford University is forming an academic-industrial consortium to co-innovate a circular ...

We find that the case of ES demonstrates: (1) how energy innovations associated with socio-technical sustainability transitions are receiving increasing attention in national ...

Interestingly, one of the known drawbacks with renewable energy is the lack of storage for use in future when it's not available. As per the Ministry of New and Renewable ...

Given the role of media discourse in both reflecting and influencing such socio-technical processes, we initially analysed the national media representation of ES in China based on the...

The world is rapidly adopting renewable energy alternatives at a remarkable rate to address the ever-increasing environmental crisis of CO2 emissions....

Idaho Power has overcome a huge hurdle facing its plan to deploy a 200MW/800MWh Battery Energy Storage System (BESS) in the City of Boise by the end of next year. PacifiCorp looks to add 3,073MW of multi-day duration ...

Based on a brief analysis of the global and Chinese energy storage markets in terms of size and future development, the publication delves into the relevant business models ...

This year, "new-type energy storage" has emerged as a buzzword. Unlike traditional energy, new energy sources typically fluctuate with natural conditions. Advanced ...

The data on existing US grid energy storage capacity, which is determined by cross-referencing Energy Information Administration (EIA) and Department of Energy (DOE) ...

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Japan has long supported and paid attention to new energy and energy storage technologies, especially after the Fukushima nuclear accident in 2011. Japan has increased its ...

Highlights o National media coverage of energy storage (ES) in China is examined via People's Daily and China Daily. o Chinese media representation of ES is prominently ...

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This review provides a brief and high-level overview of the current state of ESSs through a value for new student research, which will provide a useful reference for forum ...

Considering the raw material criticality, energy density, safety and efficiency concerns, energy dense, and earth-abundant reactive metals are investigated in this chapter starting from the ...

Researchers have studied the integration of renewable energy with ESSs [10], wind-solar hybrid power generation systems, wind-storage access power systems [11], and ...

The global energy market is in turmoil. Volatility in oil prices, mounting energy security fears and the looming catastrophe of climate change show that our current energy system poses grave threats to our way of life, at ...

The Top 10 Energy News Websites in 2021 covers those that provide a constant flow of energy news, company or organisational insights, bespoke feature content, videos and webinars. For the latest news on fuels, ...

Pumped storage is still the main body of energy storage, but the proportion of about 90% from 2020 to 59.4% by the end of 2023; the cumulative installed capacity of new type of energy storage, which refers to other types of ...

1,000°C) [14-17]. Figure 3 lists some TES media, including solid particles or rocks. Solid storage media obtained from nature can be abundant, low cost, and environmentally ...

Renewable energy is projected to play an important role in reducing greenhouse gas emissions and in realising the climate change goals. Large scale development of variable ...

The Abolishment of "The Requirements of the Industry Standards for the Power Storage Batteries of New Energy Vehicles" issued in 2015: ... The introduction of Chinese ...

MITEI's three-year Future of Energy Storage study explored the role that energy storage can play in fighting climate change and in the global adoption of clean energy grids. Replacing fossil fuel ...

Energy storage (ES) technology has been a critical foundation of low-carbon electricity systems for better balancing energy supply and demand [5, 6] veloping energy ...

Energy consumption is a necessary component of both life and the economy, since it facilitates a variety of social and economic activities. These activities include lighting, ...

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Media framings on household roles during the energy crisis. The energy crisis that began in late 2021 and escalated after the war in Ukraine in early 2022 was seen as a ...

The energy industry will need these improvements to occur at local and regional scales to enable full incorporation of the potential consequences of climate variability. More ...

Mechanical energy storage technologies such as megawatt-scale flywheel energy storage will gradually become mature, breakthroughs will be made in long-duration energy storage technologies such as hydrogen storage ...

It is difficult to unify standardization and modulation due to the distinct characteristics of ESS technologies. There are emerging concerns on how to cost-effectively ...

Climate change along with our insatiable need for energy demand a paradigm shift towards more rational and sustainable use of energy. To drive this tr...

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