Opinions on the development of energy storage

Does public opinion influence energy storage policy development?
This paper combined public attitude and policy evolution to get attitudes on different development stages of energy storage policies, by comparing the opinion and the energy storage policy. It can be revealed the interaction between them as the government adopted public opinion when making the energy storage policy.

Does energy storage have a strategic position?
The National Energy Administration promulgated the "Guiding Opinions on Promoting Energy Storage Technology and Industry Development (2017)," which first clarified the strategic position of energy storage. Since this policy was published,the number of energy storage policies has risen steadily (National Energy Administration,2017).

Does energy storage policy influence public attitudes?
At the public level, quantitative methods were used to obtain public attitudes towards energy storage policies. Through this analytical framework, not only the development of the energy storage industry can be obtained, but also the combination of the two perspectives reveals the dynamic interaction between policy and public attitude.

What should the government do about energy storage?
The government should establish a special department for energy storage,responsible for the unified formulation,planning and management of policies,and coordination of various policies. At the same time,a roadmap for energy storage technology development and a plan of energy storage development should be formulated.

How to encourage energy storage development?
Financial subsidy,favorable taxation policy and favorable price policyare the common economic encouragement practice. Energy storage development is inseparable from subsidies,and the widening gap in fiscal subsidies is also a current problem. That is why governments at all levels should allocate subsidies more reasonably.

Why is energy storage important?
Energy storage is the key to facilitating the development of smart electric grids and renewable energy(Kaldellis and Zafirakis,2007; Zame et al.,2018). Electric demand is unstable during the day,which requires the continuous operation of power plants to meet the minimum demand (Dell and Rand,2001; Ibrahim et al.,2008).

Guiding Opinions on the development of "integrated of wind, solar, hydro, thermal, and storage" "integrated of generation, grid, load, and storage" (Draft for comments)

Opinions on the development of energy storage

Accelerate the pilot demonstration of new energy storage technologies and key regions, timely summarize replicable practices and successful experiences, and lay a solid ...

The State Council released a circular on the implementation plan to promote the high-quality development of new energy in the new era, drawn up by the National Development ...

The development of energy storage (ES) technology is essential for a sustainable energy transition; however, the socio-political context of ES tends to make its large-scale ...

The combination of energy storage technology and renewable energy power generation will replace traditional power sources such as coal and natural gas. With the ...

The main application scenarios and development directions for the commercial development of China"s new energy storage industry were identified based on a comprehensive summary and ...

On July 15, 2021, the National Development and Reform Commission and the National Energy Administration of China issued the "Guiding Opinions on Accelerating the Development of New ...

These opinions propose accelerating technological innovation in new energy storage, establishing and improving supporting mechanisms, and achieving high-quality development of new energy ...

On January 17, six departments including the Ministry of Industry and Information Technology issued guidance on promoting the development of the energy & ...

English translations of Chinese energy policy, news, and statistics. Focused on wind power, PV, solar, biomass and other renewable energy. 10+ year archives of Chinese ...

The announcement states that "wind, solar, hydro, thermal, and storage integration" should focus on the development of power supply bases which combine local ...

China has included large-scale energy storage technology in the National Energy Plan during the 12th Five-Year Plan Period and has been actively guiding and promoting the ...

Recently, the National Development and Reform Commission and the National Energy Administration issued the "Guiding Opinions on Promoting the Integration of Power ...

This is the first new energy storage supply-side policy document led by the Ministry of Industry and Information Technology. The content covers many aspects such as ...

Opinions on the development of energy storage

This paper combined public attitude and policy evolution to get attitudes on different development stages of energy storage policies, by comparing the opinion and the ...

Despite the effect of COVID-19 on the energy storage industry in 2020, internal industry drivers, external policies, carbon neutralization goals, and other positive factors helped ...

2019-2020 Plan of action for the implementation of the "Guiding opinions on promoting development of energy storage technology and industry

These include the 14th Five-Year Plan for developing new energy storage and the Guiding Opinions on Accelerating the Development of New Energy Storage. To implement ...

With the proposal of the "carbon peak and neutrality" target, various new energy storage technologies are emerging. The development of energy storage in China is ...