

Are power batteries the core of new energy vehicles?

Power batteries are the core of new energy vehicles, especially pure electric vehicles. Owing to the rapid development of the new energy vehicle industry in recent years, the power battery industry has also grown at a fast pace (Andwari et al., 2017).

Should power battery policy be diversified?

When the government formulates policies, the topic of a single policy should be concise and clear, and those of different policies should be varied so that the topics of power battery policy can be diversified. In addition, redundant policies should be deleted to maintain the authority of policies.

Why are Power Battery policies so complicated?

Because of their large number, policies for the power battery industry have become complicated. If policy elements are not reasonably designed and configured, certain negative effects might hamper the development of the power battery industry, leading to missed opportunities to guide and regulate the industry.

Is there a theoretical basis for power battery policy research?

In summary, the literature provides an important theoretical basis for power battery policy research. However, previous research is far from systematic and in-depth. First, this research focused more on analysis of the technology, while research on policy is still scarce.

What are the sections of the power battery industry policy?

Section 3 introduces the data source and research design. Section 4 describes the analysis of the power battery industry policy from the product life cycle perspective in four aspects: quantity, department, content and policy tools. Section 5 presents the conclusions and suggestions for policy improvement.

What is a new energy vehicle policy?

Policies covering the sales stage placed maximum emphasis on new energy vehicle subsidies while focusing on the demonstration role of public institution procurement. In the use stage, the most important topic was the construction of charging infrastructure and the environment of new energy vehicles.

1 In China, new energy vehicles (NEVs) refer to those vehicles with new-type power systems, completely or mainly driven by new energy sources. These include plug-in hybrid electric ...

Our analysis in Figure 1 shows that if all manufacturers comply with the dual-credit policy requirements and aim at zero credit deficits, the share of NEVs in new light-duty ...

The plan will provide clarity on what the energy mix will look like for 2030 on a national and regional level, including updating the National Policy Statements for energy that ...

In this paper, battery manufacturers are included in the dual credit policy and the changes in ICEV, NEV and battery prices and profits of each manufacturer are compared ...

This paper explores for the first time the manufacturers' joint energy reduction strategies for both new energy and fuel vehicles. Assume there is a Cournot car market with differentiated ...

Large Powerindustry-news"The implementation of the "double points" management method is about to be implemented "Songxianzhu, vice president of the Seidi ...

In March 2019, Premier Li Keqiang clearly stated in Report on the Work of the Government that "We will work to speed up the growth of emerging industries and foster ...

In view of the above situation, China has decided to reduce and even eliminate the subsidy policy gradually by the end of 2020. At the same time, China borrowed from U.S. ...

The battery swapping mode is one of the important ways of energy supply for new energy vehicles, which can effectively solve the pain points of slow and fast charging ...

Fuel Consumption and New Energy Vehicle Credits entered its second phase.¹ In this paper, we refer to this as "the Phase 2 policy" or "the 2020 policy," and to the previous phase as "the ...

From the early financial subsidy policy to the recent double points policy, the Chinese government has incentivized the research and development, production and ...

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