Subsidy data for new energy batteries

How to improve battery recycling subsidy policy?
As the popularity of NEVs grows, the strength of the battery recycling subsidy policy should be enhanced to deal with the increase in the number of used batteries. Strengthen the supervision and subsidy standards in the battery recycling process to ensure high efficiency and transparency.

Can government subsidies help encroachment of power battery recycling market?
(1) Government subsidies can encourage him to adopt the encroachment strategy (win-win),but the government also needs to set a reasonable subsidy level,which should not be too high. (2) If the power battery recycling market is in its infancy and the recycling market scale is small,the government will subsidize her.

Can government subsidies help recycle EOL power batteries?
Government subsidies can promote recycling companies and consumers to actively recycle EoL power batteries. The government hopes to achieve the goal of optimal total social gain by employing subsidies. However, the government will only act if the net benefit to society is greater than the subsidy paid by the government.

Should the government cancel power battery recycling subsidies?
If the power battery recycling market is in a mature stage, the recycling market scale is large, and the government's financial pressure increases, then the government can cancel subsidies because his channel encroachment strategy can also ensure environmental and social welfare.

Should government policies support renewable power battery recycling companies?
In conclusion, governments should introduce policies to support companies that handle renewable power battery recycling to optimize the structure of the power battery recycling industry and achieve the goal of balanced economic growth and environmental protection. The results of this paper provide a basis for government policy.

How do we characterize the strength and direction of battery recycling subsidies?
In the model in Appendix B,we characterize the strength and direction of the subsidies mainly through four variables: "Total battery recycling subsidy (TBRS)," "Subsidy for LU," "Subsidy for DAR," and "LU subsidy ratio (LUSR)" (see Appendix B for details). The variable "TBRS" represents the total subsidy strength for both LU and DAR.

Download Citation | On Jan 1, 2024, Guo Zulong and others published Sustaining the advancement of new energy vehicles in the post-subsidy era: Carbon quota mechanisms and subsidy mechanisms for ...

China"s Ministry of Transport and Ministry of Finance on Wednesday issued detailed rules for the subsidies targeting the renewal of new-energy city buses and batteries. On average a...

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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).Nevertheless, problems exist, such as a sharp drop in corporate profits, lack of core technologies, excess ...

Subsidies and incentives for EVs almost doubled by nearly USD 30 billion. An increasing number of countries have committed to phasing out internal combustion engines or setting ambitious targets to electrify their vehicles by 2030. Aside from policy targets, many manufacturers have ambitious plans to electrify their fleets [4].

Battery research and development, for example, according to the data released by the Foresight Industry Research Institute, as of June 2021, there are at least 167 incidents of spontaneous combustion of NEVs. 3 It is due to the high specific energy of batteries developed by battery manufacturers, which makes batteries of the same size have higher power storage and ...

Our analysis identifies two main types of government subsidy strategies for power battery modular innovation investments: technology investment subsidies and production volume subsidies. Technology investment subsidies, exemplified by policies in Germany and South Korea, primarily support battery technology research and innovation.

This manuscript touched upon the stakeholder aspect of end-of-life treatment of electric-vehicle power batteries and provided a timely simulation of pertinent governmental subsidy strategies. The reviewer suggests publication of the manuscript after clarification and improvement regarding the following aspects:

At the end of March 2020, the Chinese State Council decided to extend until 2022 the subsidies for new energy vehicles (NEVs) including electric vehicles, plug-in hybrids and fuel cell vehicles, in order to alleviate the impact of Covid-19 on car sales and fuel. The subsidies, which were introduced in 2009, were due to be curtailed in 2020.

This paper investigates the issue of the impacts of subsidy policy and dual credit policy on new energy vehicle and fuel vehicle production decision considering battery recycling, in a...

Our analysis identifies two main types of government subsidy strategies for power battery modular innovation investments: technology investment subsidies and ...

To explore new drivers that could meet the government"s 2035 NEV market penetration targets, this study devises carbon quota mechanisms and used battery recycling ...

Data Policies; Guangdong: 2022.04.29 2023.11.24: Announcement on New Energy Vehicle Purchase Subsidy Activities in Guangdong Province Several Measures for Guangdong Province to Further Boost and Expand

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Consumption: Jiangxi: 2022.05.10 2023.07.10: Activity Plan for Jiangxi Bulk Commodity Consumption Season in 2022 Notice on ...

In order to solve the negative externality problem brought by EoL power batteries, how the government intervenes in the development of the market and guides multiple parties to cooperate in ...

Energy-saving and New-energy Vehicle Yearbook (2010) Government purchase subsidy: The average of the highest subsidy standards for various types of vehicles. Government subsidy policy documents over the years; Ministry of Finance: Gasoline/ coal/ natural gas CO2 factor: 74,100/ 101,000/ 56,100 kg/TJ

With the "scrap tide" of power batteries in China, the resulting resource and environmental problems will become increasingly apparent. If the batteries of retired new-energy vehicles are not effectively recycled, it will cause a great waste of resources [1], as surplus electricity is a crucial factor that affects the development of stand-alone renewable energy ...

the work "AGovernment Subsidy Strategies for the New Energy Vehicle Power Battery Recycling Industry from a Circular Economy Perspective" presents a good contribution in the field of Power Battery Recycling, it is well organized, presents good results, I ...

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