

Is the new energy battery recycling strategy optimal?

As finite rational individuals, the strategy choice of each participant in the new energy battery recycling process is not always theoretically optimal, and the new energy battery recycling strategy is also influenced by the carbon sentiment of manufacturers, retailers, and other participants.

Which enterprises have emerged in the battery component field?

As a result, several key enterprises have emerged in each of the battery component fields including Easpring and Ronbay in anodes, Shanshan and BTR in cathodes, Capchem, and Tinci in electrolytes, and Shenzhen Senior and Yunnan Energy New in separators (Industry representative 12).

What is "free-rider" in the process of new energy battery recycling?

In the process of new energy battery recycling, there is the phenomenon of "free-rider" due to the spillover effect, and the "free-rider" benefit due to the spillover effect is denoted by (H_{b}) .

Is the NEV battery industry a new industry?

The development of the battery industry is crucial to the development of the whole NEV industry, and many countries have listed battery technologies as key targets for support at a national strategic level, which means that the NEV battery industry as a new industry has stepped on the stage of the development of this era.

Are Power Batteries A key development area for new energy vehicles?

In the Special Project Implementation Plan for Promoting Strategic Emerging Industries "New Energy Vehicles" (2012-2015), power batteries and their management system are key implementation areas for breakthroughs. However, since 2016, the Chinese government hasn't published similar policy support.

Are batteries a strategic emerging industry?

On December 19, 2016, the State Council released the "13th Five-Year Plan for the Development of National Strategic Emerging Industries", in which the NEV industry was included in the development plan for strategic emerging industries. It shows that batteries, as the power source of NEVs, will be increasingly important.

Based on the policies implemented by the government in recent years that promote the development of the NEV battery industry, this paper summarizes the ...

It is reported that the two sides will take the joint venture company as the main body to build a strategic base for power batteries of new energy vehicles in Northeast China. The factory adopts industrial 4.0 standard and is built in three phases. After reaching production, the factory will achieve the power battery capacity of 45GWh per year, and will provide safe and ...

According to incomplete statistics of Battery Network, 45 new orders have been announced in the first quarter

of 2022, including lithium batteries, positive and negative materials, copper foil and lithium devices. Entering 2022, the battery new energy industry continues last ...

Empirically, we investigate the developmental process of the new energy vehicle battery (NEVB) industry in China. China has the highest production volume of NEVB worldwide since 2015, and currently dominates the global production capacity, accounting for 77% in 2020 (SandP Global Market Intelligence, 2021).

In order to answer these questions, this paper constructs a two-party game model based on a closed-loop supply chain perspective, analyzes the behavioral decisions of ...

With the yearly increasing market penetration of new-energy vehicles in China, the retirement of power batteries has gradually become a scale, and most of the waste batteries have entered informal recycling channels, which has induced a series of environmental problems. Considering this issue, we introduced the system dynamics (SD), stimulus organism response ...

GUIYANG, Oct. 27 (Xinhua) -- The first phase of a new energy power and energy storage battery manufacturing base in southwest China, funded by China's battery giant Contemporary ...

Tesla (TSLA) has secured a massive new Megapack order that will power France's new largest energy storage system. TagEnergy announced today that it started construction on a new energy storage ...

Web: <https://roomme.pt>