

New Energy Vehicle Industrial Development Plan for 2021 to 2035 (hereafter "Plan 2021-2035"). This is a sequel to the Energy-Saving and New Energy Vehicle Industry Plan for 2012 to 2020 ("Plan 2012-2020"), released in 2012. 1 By setting a target of about a 20% share for new energy vehicles (NEVs)<sup>2</sup> in new vehicle sales by 2025 and

During the Advisory Committee Meeting for the New Energy Vehicle Industry Development Plan (2021-2035), Mr. Xin Guobin, Deputy Director-General (DDG) of Ministry of Industry and Information Technology (MIIT) pointed out that China's NEV industry is currently in a critical period, superimposed by the impact of the COVID-19 epidemic and global ...

Xin Guobin, vice minister of industry and information technology, said: through the functions of information collection and management, the source of the power battery can be traced, the direction of the battery can be traced, the node can be controlled, and the responsibility can be investigated. ... NET ZERO MEA - Solar & Energy Storage. Apr ...

Accompanied by the development and utilization of renewable energy sources, efficient energy storage has become a key topic. Electrochemical energy storage devices are considered to be one of the most practical energy storage devices capable of converting and storing electrical energy generated by renewable resources, which are also used as the power source of ...

Energetic Cost for Being "Redox-Site-Rich" in Pseudocapacitive Energy Storage with Nickel-Aluminum Layered Double Hydroxide Materials. The Journal of Physical Chemistry Letters 2020, 11 (9), 3745-3753.

Energy storage economy research and sensitivity analysis applied to photovoltaic primary frequency modulation scenario ... Wei Zhao, Qian Zhang, Ronghua Du, Hongyan Huo, Xiaogang Xin, Guobin Zhang, Ruijun Guo, Jianhua Yin, Haicun Yu, Rongli Li, Chengguo Qin and Qiuping Li. Inner Mongolia Power (Group) Co., Ltd., Inner Mongolia Power ...

Song Zhao, Qian Zhang, Ronghua Du, Shaojia Dang, Rongli Li, Hongyan Huo, Lei Zhou, Haicun Yu, Xu Li, Wei Zhao, Xiaogang Xin, Guobin Zhang, Ruijun Guo, Jianhua Yin, Chengguo Qin, and Qiuping Li "Coordinated control strategy of optical storage charging station considering bilateral demand" Proc. SPIE 12722, Third International Conference on ...

Xin Guobin, vice-minister of the Ministry of Industry and Information Technology, said the enormous EV consumption potential in rural markets has not been effectively unleashed due to factors such ...

The C<sub>2</sub>H<sub>6</sub> synthesis needs to consume more protons apparently than C<sub>2</sub>H<sub>4</sub> generation, therefore, only

regulating the composition of catalysts is inadequate. Here, we propose a strategy to modulate the proton corridor microenvironment in the catalyst system to achieve highly selective conversion of C<sub>2</sub>H<sub>6</sub> and reveal the mechanism of the selective ...

According to Xin Guobin, vice minister of the Ministry of Industry and Information Technology, about 1.7 million electric vehicles were produced in the first eight months, three times as many as in the same period last year, contributing more than 10% of total car production.

At the 2020 China intelligent manufacturing system solutions conference and alliance member congress held in Beijing, Xin Guobin said that during the "14th five year plan" period, he will continue to adhere to the main direction of intelligent manufacturing and accelerate the pace of digital, networked and intelligent transformation of manufacturing industry. First, ...

Guobin Wen; Bohua Ren; Xin Wang ... Flexible Zn-air batteries have recently emerged as one of the key energy storage systems of wearable/portable electronic devices, drawing enormous attention ...

Well, according to a statement made by Xin Guobin, vice minister of China's Ministry of Industry and Information Technology, there are a few reasons, but the biggest are reduced cost to vehicle ...

Ying-Xin Zhan, Ze-Yu Liu, Yi-Yun Geng, Peng Shi, ... Jia-Qi Huang. Article 102799 ... Yan Wang, Linze Lv, Guobin Zhu, ... Honghe Zheng. Article 102837 View PDF. Article preview. select article Designing MXene-Wrapped AgCl@Carbon core shell cathode for robust quasi-solid-state Ag-Zn battery with ultralong cycle life ... energy storage materials ...

Phase change material for solar-thermal energy storage is widely studied to counter the mismatch between supply and demand in solar energy utilization. ... K.-Q., Chen, Y., Xin, X. & Xu, Y.-J ...

The threat of overcapacity is beginning to trouble Chinese policymakers, with Vice Minister of Industry Xin Guobin saying that some businesses had been "blindly rushing in, and building redundant new energy vehicle projects". Xin said at a press conference last week that the government would take measures to crack down on unnecessary EV projects.

CATL will provide a 1.25GWh EnerX battery energy storage system for its Oasis de Atacama Phase IV project in Chile. The total capacity of the project is 4.1GWh. Previously, ...

Significant progress! "Kirin battery" researched and developed by Ningde times will create a new era of energy storage battery for new energy vehicles At the forum of China electric vehicle ...

Xin Guobin, a member of the Party Group and Deputy Minister of the Ministry of Industry and Information Technology, introduced that next, the Ministry of Industry and Information Technology will support technological innovation breakthroughs with relevant departments. ... Batteries, as key energy storage devices,

are gradually becoming an ...

What's new: China recycled 115,000 tons of electric-vehicle (EV) batteries in the first five months of 2023, surpassing the 102,000 tons in the entire of 2022, as the world's largest EV market ramps up recycling efforts of spent cells. The country now has more than 10,000 battery collection points and 84 designated companies that meet battery recycling industry ...

Green manufacturing is advancing rapidly. During the first two years of the 14th Five-Year Plan (2021-2025) period, the energy consumption per unit of added value for ...

The world's second-largest economy has been the largest market for electric vehicles and plug-in hybrids since 2015, said Xin Guobin, vice-minister of industry and information technology, at a news conference last week. He said there were 11.08 million such vehicles on the country's roads by the end of May, up from 2 million in 2012.

Xin Guobin: Thank you. China's new energy vehicle industry developed relatively fast during the 13th Five-Year Plan period (2016-2020). Its annual sales increased from 507,000 in 2016 to 1.367 million in 2020, with an average annual growth rate of 28%. ... Meanwhile, we will improve the system of storage battery recycling, support high ...

China to Extend Tax Exemptions for New Energy Vehicle Purchases. ... &quot;&gt;Xin Guobin says consultations are being held with industry players, research organizations and other stakeholders to formulate new policies. Says NEV sales and production growth should be stable this year, judging by performance in January and February ...

Xin Guobin, vice-minister of industry and information technology, said China will promote the research and development of cutting-edge technologies to create an innovation collaboration circle globally. ... R& D institutions, to jointly promote new technological breakthroughs and create a global source of innovation,&quot; Xin said.

ZHAO Song, ZHANG Qian, HUO Hongyan, DANG Shaojia, DU Ronghua, ZHAO Wei, ZHOU Lei, XIN Xiaogang, ZHANG Guobin, GUO Ruijun, YU Haicun, YIN Jianhua, LI Xu, LI Rongli. Selection Scheme for Energy Storage to Participate in Primary Frequency Regulation of New Energy Based on AHP and TOPSIS Methods[J]. Modern Electric Power.

We need to promote green industrial development in an all-round way and make it the focus of new industrialization to create new driving forces of green development, said Xin ...

Lithium-sulfur (Li-S) batteries are considered as promising candidates for next-generation energy storage systems in view of the high theoretical energy density and low cost of sulfur resources.

Vice Minister of Industry and Information Technology, Xin Guobin, stated at a press conference today that currently, major automobile producing countries around the world have increased policy support, and multinational automobile companies have also increased research and development investment, injecting strong impetus into the development of the ...

The threat of overcapacity is beginning to trouble Chinese policymakers, with Vice Minister of Industry Xin Guobin saying that some businesses had been &quot;blindly rushing in, and building redundant ...

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BEIJING : China will take forceful measures to prevent superfluous new energy vehicle (NEV) projects by some local governments and automakers, China's vice industry minister, Xin Guobin, said at a ...

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In September 2017, Xin Guobin, China's Vice-Minister of Industry and Information Technology, told a forum of automakers in Tianjin that the government would ban the production and sale of fossil fuel cars. ... Limited) began its operations in 2011 and focused on designing and producing lithium-ion batteries for EVs and energy storage systems ...

Guobin ZHANG, Research Associate | Cited by 4,364 | | Read 61 publications | Contact Guobin ZHANG ... Xin Tan; Xianjue Chen ... show great potential for large-scale energy storage because of the ...

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