

China NEV Market Semi-annual Report

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 - 2012-2014 China NEV Policy
 - 2015 China NEV Policy
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Green Development Index System Strategy

Green Development Index System – NEV Ownership

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Energy-saving and NEV Industry Development Plan

China Passenger Vehicle Fuel Limits (Newly Produced Vehicles)

Passenger Vehicle OEM Average Fuel Consumption Administration Method – Summary

Passenger Vehicle OEM Average Fuel Consumption – Calculating Equation 2016

Passenger Vehicle OEM Average Fuel Consumption – Deduction Backsliding

Passenger Vehicle OEM Average Fuel Consumption Administration Method (Draft)

Passenger Vehicle OEM Average Fuel Consumption Administration Method (Draft for Internal Comments)

OEM Average Fuel Consumption & NEV Credit Points Administration Method (Draft for Comments) Sep-2016

Passenger Vehicle OEM Average Fuel Consumption & NEV Credit Points Administration Method (Draft for Comments) – Jun-2017 Edition

OEM Average Fuel Consumption & NEV Credit Points Administration Method (Draft for Comments) -“NEV Credits”

Passenger Vehicle OEM Average Fuel Consumption & NEV Credit Points Administration Method – Sep-2017

EV Credit Point Multiple Analysis – Sep-2017

Passenger Vehicle OEM Average Fuel Consumption & NEV Credit Points – Compliance Method Example for“Double Integral”2020

Prediction of Production Ratio of Mainstream Independent NEV Companies – 2020

Passenger Vehicle OEM Fuel Consumption – Evaluation methods and Target - January 2019 (Draft)

Passenger Vehicle OEM Average Fuel Consumption – NEV Coefficient Discounting

Double Integral Regulation Trend 2021-2025

Example for“Double Integral”2025

The Choice of OEMs under "Double Integral "

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NEV T-box Installation - Remote Monitoring System

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2017 NEV Local Subsidy Policy & Amount

Major Cities Subsidy Policy in 2017

2016-2020 NEV Promotion Financial Support - Subsidy Reduction Degree

Subsidy Policy for Fuel Cell Vehicles

National Subsidy Policy and Amount for NEV in 2018

Subsidy Policy and Amount of New Energy Vehicles in 2019

Other Countries' NEV Policy

China NEV Subsidy Amount to Vehicle Prices Ratio

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Major City NEV Bus Operation Subsidy

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China NEV 1st Stage Demonstration & Promotion Process 2009-2012
China EV Development Situation before 2014
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NEV Demo & Promotion Cities: Local Policy Status
2015 Ministry of Communications NEV Promotion Policy
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- **China NEV Technology & Battery Industry Summary**

- 1. Battery**

China Auto Power Battery Indicators- Terminologies

China Auto Power Battery Components - Terminologies

EV Power Development Path

FCV Varieties and Trends

Auto Power Storage Battery- By Types

Global Major EV Models - Power Lithium-ion Battery

China Major NEV Models- Power Lithium-ion Battery

Power Lithium-ion Battery Varieties- By Cathode Material

New Innovation Lithium-ion Power Battery – Solid-state Lithium Battery

Global Power Battery Plant Material Supply Relationships

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NEV Lithium Carbonate Demand Measurement

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NEV – Global Cobalt Resource Production & Reserve

NEV Cobalt Demand Measurement

Domestic EV & PHEV Power Battery Pack Supplier

Domestic EV & PHEV Battery Pack Supplier & Type

Li-Battery Separator Supplier

NEV–Electrolyte (Lithium Hexafluorophosphate) Supplier

NEV– Electrolyte Solution Supplier

Suspension of the Use of NCM/NCA Battery on EV Bus

NEV Battery Type on Purchase Tax Exemption List

NEV Battery Type on Tax Exemption List – By Batch

Battery Types of China's Major NEV PV Models

China NEV models on Purchase Tax Exemption List - Average Battery Energy Density

NEV Power Battery Cell Energy Density - China & America Planning

Major Power Li-Battery Companies & Technical Roadmap

Market Share of Power Battery Enterprises

Lithium Power Battery Energy Density Trend

NEV Power Battery Pack Cost - China & America Planning

Power Lithium Battery - Basic Cost Make-up

Cost Tendency of Power Battery

China Power Lithium Battery Suppliers & Purchase Tax Exempted Models

Battery Suppliers 2017 - by Number of Models Supplied

Comparison of Basic Information of Battery Enterprises

Global Li-Power Battery Manufacturers - By Production

Foreign Power Battery Manufacturer Investment in China

Power Li-Battery Pack – Supply Chain System

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Battery Pack Parts Suppliers

Battery Pack Material – Stainless Steel

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2. Battery Control System

NEV OEM BMS Suppliers

Local and Foreign BMS Comparison

Domestic New Energy Passenger Vehicle BMS Supplier

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China Motor Market Share 2017-2018

NEV Model Motor Power

NEV Market Major Models' Motor Parameter Comparison

China Motors Driving System Plan

China Electric Motor Supplier & Purchase Tax Exempted Models

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Comparison of Basic Information of Motor Suppliers

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China Major Local Brands NEV Technical Route

2017 China PV NEV OEM Ranking

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2018 NEV PV Best-selling Top 10 Models

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Foreign OEM NEV Development Plan

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Toyota NEV Development Planning

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BMW NEV Development Planning

VW NEV Development Planning

Honda NEV Development Planning

Chery NEV Development Planning

GAC NEV Development Planning

JAC NEV Development Planning

Geely NEV Development Planning

New-start NIO's NEV Development Plan

New-start Weltmeister's NEV Development Plan

New-start Dearcc NEV's Development Plan
New-start Xiaopeng's NEV Development Plan
New-start AIWAYS's NEV Development Plan
New-start Singulato's NEV Development Plan
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PV EV on Purchase Tax Exemption List – By Batch & Mileage
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China EV Cars on Purchase Tax Exemption List (20)

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Overview of Imported NEV Passenger Vehicles

High-end Luxury Brand & High-performance EV

China PHEV PVs – by Driving Range

CV NEV on Purchase Tax Exemption List

– Vehicle Models Amount

CV NEV on Purchase Tax Exemption List

– by Categories / Segment

2018 NEV Bus Production on Purchase Tax Exemption List – By OEMs

Major Models of NEV Commercial Vehicles

2018 EV Modified Truck

2018 YTD EV Modified Truck OEM Ranking

2018 YTD EV Modified Truck Top-10 Models – By production

2018 YTD EV Modified Truck Top-10 Models

2018 YTD EV Modified Truck Top-10 Models - Price

After-sales Policies of NEV Car OEMs in 2017

China Low Speed EV Passenger Vehicle

- **Consumer Attitudes & Demand Analysis**

- 1. NEV Consumer Overview**

- Reasons for Chinese Customer to Buy EV/PHEV

- Cost Comparison: Traditional Vehicle vs. EV

- China NEV Consumer Type Share 2017 vs. 2018

- China NEV Sales by Consumer Type 2017 vs. 2018

- PV EV& PHEV Monthly Consumer Type Trend

- NEV Passenger Vehicle Institutional Customer Registration

- China PV EV Regional Sales & Customer Type

- China PV PHEV Regional Sales & Customer Type

- China EV/PHEV Individual Customer Group

- The 2nd PV Purchase: Replacement & Addition

- China NEV Institutional Customer

- 2. Consumer Research : EV Owners**

- EV Owner Research – Overview

- EV Owner Research – Workday & Weekend Trip Distance

- EV Owner Research – Usage

- EV Owner Research – Impression on EV

- EV Owner Research – Reasons for Purchase

- EV Owner Research – Reasons for Purchase (Car Plate Control Cities)

- EV Owner Research – Reasons for Purchase (City)

- EV Owner Research - Main Disadvantages

- EV Owner Research - Future Purchase

- EV Owner Research - Future Purchase 2018 VS 2019

- EV Owner Research - Brand Awareness

- EV Owner Research – Favorite Brand
 - EV Owner Research – Brand Image
 - EV Owner Research – Willingness to Buy New Brands
 - EV Owner Research – Expectations on New Brands
 - EV Owner Research – Decision Model
 - EV Owner Research – Purchase Motivation
 - EV Owner Research – Charging Place
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 - EV Owner Research – Purchase Mode 2018 VS 2019
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 - EV Owner Research – Acceptable Price
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- International Crude Oil Price Outlook
- China NEV Three Stages & Future Challenges
- China NEV Plan 2020 – Population and Sales Outlook
- China Power Lithium Battery Capacity Trend
- Li-Battery Cost Decline Prospects & Impacts
- Urban Bus Population & Sales Outlook in China
- Taxi Fleet and Demand Outlook in China
- China Taxi-Urban Renewal Plan 2020
- Forecast of EV Taxi Demand in China-2020/2025
- Forecast of EV Online Car Sharing in China - 2020/2025
- Sanitation Vehicle Population and Demand Outlook
- NEV Market Demand Prospect
- Cities Possible to Apply Car-Plate-Control
- China NEV Sales 2020 Outlook – Three Scenarios
- China NEV Sales Outlook in 2020 & 2025
- China New Energy Passenger Vehicles – Segment Forecast
- China EV PV Sales Outlook 2020&2025 – by Segment
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- Appendix: Contemporary Amperex Technology Co., Ltd.
- Appendix: Hefei Guoxuan High-Tech Power Energy Co., Ltd.
- Appendix: Citic Guoan Mel Co., Ltd.
- Appendix: Shenzhen Optimum Nano Co., Ltd.
- Appendix: Tianjin Lishen Battery Joint-Stock Co., Ltd.
- Appendix: Beijing National Battery Technology Co., Ltd.
- Appendix: Micro-vast Power System (Huzhou)Co., Ltd.
- Appendix: EVE Energy Co., Ltd.

Appendix: China Aviation Lithium Battery Co., Ltd.
Appendix: Huizhou BYD Battery Co., Ltd.
Appendix: Shenzhen Greatland Electrics Inc.
Appendix: Zhengzhou Yutong Group Co., Ltd.
Appendix: Shanghai Dajun Technologies ,Inc.
Appendix: Nanjing Golden Dragon Bus Co., Ltd
Appendix: Suzhou Lvkon Transmission S&T Co. LTD
Appendix: YLP Company
Appendix: Hunan CSR Times Electric Vehicle Co., Ltd.
Appendix: HUNAN CRRC TIMES ELECTRIC VEHICLE CO.,LTD.
Appendix: Guangxi Yuchai Machinery Co., Ltd
Appendix: Xiamen King Long Automotive Industry Co., Ltd.
Hangzhou Changjiang Automobile co., LTD
Beijing New Energy Automobile Stock co., LTD
Beijing Changcheng Huaguan Automobile Technology co., LTD
Chery New Energy Automobile Technology co. LTD
Jiangsu Minan Electric Vehicle co., LTD
Wan Xiang Electric Vehicle co., LTD
Jiangxi Jiangling Motor Company New Energy Automobile co., LTD
Chongqing Jinkang New Energy Automobile co. LTD
National New Energy Automobile co., LTD
YUDO New Energy Automobile co., LTD
Lanzhou Zhidou Electric Vehicle co., LTD
Henan Suda Electric Vehicle Technology co., LTD
Zhejiang HOZON New Energy Automobile vo., LTD
Guangdong GreenWheel New Energy Electric Vehicle co., LTD
JAC-VOLKSWAG
NIO
Weltmeister Motor Technology co., LTD
Beijing CHJ Information and Technology co., LTD
Shanghai ALWAYS Technology co., LTD
Tencent-FOXCONN-HARMONY
XPENG MOTORS
ZHICHEAUTO Technology (Beijing) co., Ltd - SINGULATO
BYTON
LEAP MOTOR
Zhejiang Dearcc Co.LTD
YOUXIA MOTORS
Zhejiang Chang Wei NEV Co.LTD
Sitech
LVCHI AUTO