

China car dilemma: Beijing wants electric, buyers want SUVs

April 17 2017, by Joe Mcdonald



In this Friday, April 14, 2017 photo, a man wears a mask walks past a Tesla electric vehicle showroom and charging station in Beijing, China. Automakers face a conflict in China's huge but crowded market: Regulators are pushing them to sell electric cars, but buyers want gasoline-hungry SUVs. (AP Photo/Ng Han Guan)

Automakers face a dilemma in China's huge but crowded market: Regulators are pushing them to sell electric cars, but buyers want gas-

guzzling SUVs.

The industry is rattled by Beijing's proposal to require that electric cars make up 8 percent of every brand's production as soon as next year. Consumers are steering the other way: First-quarter SUV sales soared 21 percent from a year earlier to 2.4 million, while electric vehicle purchases sank 4.4 percent to just 55,929.

"It's tough for someone with an EV to come and take away market share from SUVs," said Ben Cavender of China Market Research Group.

The Shanghai auto show, which opens to the public on Friday, will showcase work on electric models meant to appeal to Chinese drivers who are wary of the unfamiliar technology's reliability and cost.

The pressure for electrification in China is an added headache for automakers at a time when sales growth is slowing and competition heating up in a market they are counting on to drive global revenue.

Sales growth fell to 1.7 percent in March from last year's 15 percent. SUVs made up 40 percent of sales, while sedan purchases fell 4.9 percent.

At the Shanghai show, the industry's biggest marketing event this year, almost every global and Chinese brand plans to display at least an electric concept car, if not a model ready for sale, alongside its latest SUVs and sedans.



In this Friday, April 14, 2017 photo, a security personnel riding a motorized platform moves past an electric vehicle charging station in Beijing, China. Automakers face a conflict in China's huge but crowded market: Regulators are pushing them to sell electric cars, but buyers want gasoline-hungry SUVs. (AP Photo/Ng Han Guan)

General Motors Co.'s Buick unit announced plans last month for Chinese sales of its Velite 5 gasoline-electric hybrid sedan. Buick also sells a hybrid LaCrosse in China.

This month, Ford Motor Co. said it will sell an all-electric SUV and a plug-in hybrid Mondeo Energi sedan in China. Ford's joint venture with state-owned Changan Automobile Co. will manufacture the Mondeo.

Ford said by 2025 it plans offer electric versions of 70 percent of its models sold in China.

"We are prioritizing our electrification efforts on China to reflect its importance as a global electrified vehicle market," Ford CEO Mark Fields said in a statement.

NextEV, a Shanghai-based startup, says it will display 11 vehicles in Shanghai from its all-electric NIO brand. They include the two-door EP9, a contender for the title of fastest electric car, with what the manufacturer says is a top speed of 194 mph (310 kph).

Volkswagen AG plans to announce its electric [vehicle](#) plans for China and unveil an electric concept car. Honda Motor Co. will show its new NeuV, a futuristic concept car the company has suggested might get an electric drivetrain.

Government planners see electric vehicles as a sector where China can lead, and a Cabinet technology development plan issued in 2013 calls for two of the top global brands in 2025 to be Chinese.



In this Friday, April 14, 2017 photo, a security personnel removes barricade near an area closed off for Tesla electric vehicles to charge in Beijing, China. Automakers face a conflict in China's huge but crowded market: Regulators are pushing them to sell electric cars, but buyers want gasoline-hungry SUVs. (AP Photo/Ng Han Guan)

Hence the proposal, released in September, calling for electric or gasoline-electric hybrids to make up 8 percent of every automaker's output next year. That would rise to 10 percent in 2019 and 12 percent in 2020.

Manufacturers failing to meet those targets could buy credits from companies that produce more electrics, helping to subsidize development.

People in the industry say manufacturers have warned Beijing those targets are too ambitious. News reports say regulators might have agreed to lower or delay them in an updated plan due out this year, but there has been no official confirmation.

China's stand-out EV success so far is BYD Auto Co. It sells all-electric vehicles to taxi and bus fleets in China and abroad and gasoline-electric hybrid SUVs and sedans to Chinese consumers.

BYD Auto says last year's sales rose 70 percent over 2015 to 100,183 vehicles. That would make it the biggest electric brand for a second year, with Tesla Inc. in second place at 76,230 vehicles sold.

Other Chinese brands offer plug-in electrics but most sold only a few hundred vehicles last year. That is partly because their vehicles cost up to

350,000 yuan (\$50,000), or two to three times the price of equivalent gasoline models.

Even Great Wall Motors Ltd., which became China's most profitable auto brand by making almost nothing but SUVs, has unveiled an electric compact sedan, the C30 EV, which looks almost comically small next to its hulking other vehicles. It has yet to say when sales will start.



In this Friday, April 14, 2017 photo, a SUV vehicle drives past electric cars parked at a charging station outside a residential building in Beijing. Automakers face a dilemma in China, where regulators are pressing them to sell electric cars but consumers want gas-guzzling SUVs. This month's Shanghai auto show, the industry's biggest marketing event of the year, will showcase efforts to create electric models Chinese drivers want to buy. (AP Photo/Andy Wong)

Some brands promise a range of up to 200 kilometers (120 miles) on one

charge. But industry analysts say that is too much money and too short a distance for most drivers, who have few places to recharge.

"The biggest worries for people buying an electric car are lack of convenience for charging and the miserable range most [electric cars](#) have," said Zhang Xin, an independent auto industry analyst.

To ease such "range anxiety," the Cabinet has ordered the state-owned power industry to step up installation of charging stations.

Government plans call for China to have 100,000 public charging stations and 800,000 private stations by next year, up from a total of 50,000 at the start of 2016. Longer term, the government wants a network that can support 5 million vehicles by 2020.

The government also is trying to nudge buyers toward electrics by exempting them from sales taxes and from license plate fees and lotteries imposed by Beijing, Shanghai and some other cities to curb congestion.

Aside from BYD, Chinese manufacturers are waiting to see what price regulators set for credits before deciding whether to buy them or develop their own technology.

"Even by 2020, it's not going to be a profitable business," said John Zeng of LMC Automotive.



In this Friday, April 14, 2017 photo, a SUV vehicle, left, drives past an electric-powered SUV parked outside a shopping mall in Beijing. Automakers face a dilemma in China's huge but crowded market: Regulators are pushing them to sell electric cars, but buyers want gas-guzzling SUVs. This month's Shanghai auto show, the industry's biggest marketing event of the year, will showcase efforts to create electric models Chinese drivers want to buy. (AP Photo/Andy Wong)

"The industry has to prepare for the worst case," said Zeng. "That means who you have to have all the technology ready in case you need it, but on the other hand they don't want to commercialize it now, because it is not profitable."

© 2017 The Associated Press. All rights reserved.

Citation: China car dilemma: Beijing wants electric, buyers want SUVs (2017, April 17) retrieved 18 May 2024 from <https://phys.org/news/2017-04-china-car-dilemma-beijing->

[electric.html](#)

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.