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Consultation on Biodiesel Policy

Release time: 2021-08-31

Source: National Energy Administration

question:

Is biodiesel one of the key energy sources in our country to promote environmental protection? Does the country have any strong support policies for biodiesel? Will there be further support for the biodiesel policy in the future?

Message time: 2021.8.16

reply:

Biodiesel usually refers to the fatty acid methyl or ethyl ester formed by the reaction of vegetable oil, animal oil or waste oil (commonly known as "gutter oil") with methanol or ethanol, also known as BD100 biodiesel, with high cetane number, low sulfur, and no aromatics It can be used as a blending component of diesel for vehicles and is an internationally recognized renewable and clean fuel. Promoting the use of biodiesel in my country will not only help reduce air pollutants and greenhouse gas emissions, do a good job in "carbon peaking and carbon neutrality", but also help prevent "gutter oil" from returning to the table and ensure food safety.

The state actively supports the development of the biodiesel industry. The "Renewable Energy Law" clearly stipulates that oil sales companies should incorporate bio-liquid fuels that meet national standards into their fuel sales system. In 2014, the "Biodiesel Industry Development Policy" clarified the industry standard requirements in terms of raw materials, layout, and supervision. In 2016, the "Thirteenth Five-Year Plan for Biomass Energy Development" proposed to improve the biodiesel product standard system and promote the application of biodiesel in the transportation field. In recent years, in order to meet the needs of air pollution prevention and control, the national mandatory quality standards of "Vehicle Diesel" and "B5 Diesel" have been revised and released successively. The "Vehicle Diesel" standard allows the addition of BD100 biodiesel with no more than 1%. The "B5 Diesel" standard requires the addition of 1-5% BD100 biodiesel. The state also implements a policy of exempting consumption tax and 70% value-added tax on biodiesel that meets national standards. In addition, Shanghai has issued a strong financial price supporting policy, and has achieved positive results in the pilot promotion of biodiesel. It is understood that there are currently about 300 gas stations in Shanghai selling B5 diesel, with an average daily refueling trip of 19,000 vehicles. The daily sales volume of B5 diesel is about 1,600 tons, which is equivalent to about 80 tons of BD100 biodiesel per day.

In the next step, we will continue to guide the pilot cities to promote biodiesel together with relevant departments, strengthen the construction and supervision of "gutter oil" storage and transportation system, prevent "gutter oil" from returning to the dining table and pollute the environment, stabilize the raw material supply of biodiesel enterprises, and promote high-speed industrial production. quality development.

Reply time: 2021.8.18

Replying Unit: Department of Science and Technology

