

Prospects of Hydrogen Energetics in Russia (Summary)

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The article analyzes the state and prospects of the development of hydrogen energetics in Russia. It gives a brief history of the issue and shows the results achieved so far. It analyzes the set task in terms of hydrogen use and production and the measures contributing to solving this undertaking, as formulated in the primary state document in the energy field - "Energy Strategy of Russia for the period until 2035". The main goals, directions, and tasks of the Action Plan "Development of hydrogen energy in the Russian Federation until 2024," which the Russian Government adopted in October 2020 to solve the mission set out in the Energy Strategy, are considered in detail. The main projects and new technologies in hydrogen energetics, on which Russian specialists are working, are analyzed, and their results achieved and expected are presented. The article pays particular attention to the prospects of international cooperation of Russia in hydrogen production and use. A conclusion is that Russian government circles consider Japan as one of the most promising countries for bilateral cooperation.

Keywords : hydrogen energetics; fuel cells; energy policy of Russia; hydrogen strategy, energy strategy 2035, action plan "development of hydrogen energy in the Russian Federation until 2024;" Russo-Japanese energy cooperation.

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