

## SolarInnovate Energy Solutions

# Wholesale price of Russian power storage vehicle



## Overview

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What is Russia's electricity market like?

Russia's electricity market maintains a relatively high level in maturity, competitiveness and complexity and its operation is more similar to those of developed countries such as European countries and the United States. It also provides reference for the electricity system reform that will be unveiled in China.

Does Russia have a unified electricity grid?

Based on whether it is connected to the Russian unified electricity grid, the entire Russian electricity market is divided into a unified electricity grid area and an independent electricity grid area (gray in the figure below). The wholesale electricity market coexists with the retail electricity market in the unified grid area.

How much electricity does Russia generate a year?

Russia's annual electricity generation is second only to China among the Belt and Road countries over the years. The electricity generation in Russia registered over 1 billion kWh for the first time in 2016. The Russian government expects that its annual electricity generation will see a 22%-48% growth by 2040.

How much electricity will Russia generate in 2040?

The electricity generation in Russia registered over 1 billion kWh for the first time in 2016. The Russian government expects that its annual electricity generation will see a 22%-48% growth by 2040. The investment demand in the electricity generation sector alone will exceed USD 130 billion and in the transmission field as high as USD 485 billion.

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