

Energy storage regulations serbia

The Ministry monitors compliance with energy regulations through the Energy Inspectorate of the Republic of Serbia and supervises the design, construction and maintenance of the electricity generating stations as well as the quality of the electricity supply.

The spring of 2023 brought significant regulatory changes in the renewable energy sector in Serbia. The Law on the Use of Renewable Energy Sources was amended, and several new bylaws were adopted, including the long-awaited decree that regulates balancing responsibility, writes Tamara Zejak, Senior Lawyer at Petriki? & Partneri AOD in ...

With the proposed amendments to the Law on the Use of Renewable Energy Sources, Serbia will promote the introduction of energy storage facilities, Minister of Mining and Energy Dubravka ?edovi? said.

The Republic of Serbia adopted a new legislative package consisting of Amendments to Law of Energy¹, Law on Energy Efficiency and Rational Use of Energy ², Law on Use of Renewable Energy Sources ³, Amendments to Law

Electric energy storage is introduced in the energy system of the Republic of Serbia by the latest amendments to the Energy Law. For this energy activity energy license is not required. Pursuant to the Energy Law, an energy entity performing the activity of electric energy stor-age may, inter alia, provide storage services to the others market ...

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The Amendments to the Law were primarily aimed at resolving the backlog of requests to connect to the transmission system submitted after the adoption of the Law, which resulted from insufficient transmission system capacity. They were also aimed at relieving the guaranteed supplier of its obligation to assume responsibility for balancing all renewable energy projects. Additionally, the Amendments to the Law include reforms and changes in the auction procedure for awarding market premiums, the permitted installed capacity of a prosumer's facility, as well as the connection to the distribution system of power plants using variable renewable energy sources.

The following is a brief summary highlighting the most important updates.

The Amendments to the Law stipulate that the guaranteed supplier (currently EPS a.d. Beograd) is only obliged to assume balancing responsibility for privileged producers in the market premium system (and feed-in tariffs), based on a contract model included in the balancing responsibility decree.

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A privileged producer in the market premium system is required to accurately forecast the production of electricity, as it determines the balancing costs to be paid to the guaranteed supplier. The balancing costs include:

In order to overcome the deadlock in resolving requests for connection to the transmission grid, the Amendments to the Law now define the obligation of the transmission system operator to prepare, as part of the transmission system development plan, an analysis of production and transmission system adequacy. The analysis should include an assessment of whether the reserves for system balancing are lacking, and to what extent, in the connection process for all power plants that use variable renewable energy sources, as well as a conclusion regarding the risks to the safe operation of the power system and the need to postpone the connection of power plants using variable renewable energy sources.

If the adequacy analysis indicates risks to the safe operation of the power system due to a lack of reserves for system balancing, the transmission system operator may decide to implement a deferral, which includes postponement of dealing with a connection request until the adequacy analysis shows sufficient system balancing reserves in the power system, allowing all power plants subject to that limitation to be connected to the power system without compromising its safe operation.

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