

Energy storage regulations tirana

ERE is a public legal entity, independent from the energy industry interest and from government institutions. ERE is established on 1995 and actually operates based on Law no. 43/2015, of 30.04.2015 "For power sector" and Law no.102/2015 "For natural gas sector".

The vision for the future of Tirana from now until 2030 (TR030 General local plan) has been designed by Stefano Boeri Architetti together with SON-Group, in collaboration with Mobility In Chain, Studio Laura Gatti, Sce project, Esa engineering and Transsolar.

This collaboration has led to the construction of the first neighbourhood in Europe designed to respond simultaneously to three challenges: Climate change - all sustainability requirements; housing emergency post-earthquake - response to the emergency of 26 November 2019 and Pandemic (COVID19) - new needs of the post pandemic phase.

The 29 hectares of Tirana Riverside offer new housing solutions to residents - for 12 thousand people - and are developed along a green and innovative central spine dedicated to soft mobility, where the commercial ground floors prevail, access to residential, sports and work spaces and numerous outdoor areas, emphasizing the total accessibility to all areas of the neighborhood.

The area will include in total about 3175 family units and 5300 office units. New standards for health security and for a new way of living and working will be established in all the area, facing the latest healthy crisis. Walkability becomes a priority, focused on 15 minutes walking distance in all the area.

In the end, the energy approach has focused on the idea of a decentralized production system and energy storage, through the use of photovoltaic panels and geothermal boreholes. The energy exchange between the buildings defines a smart grid that aims well in the direction of the smart district assumed by the entire project area.

The Ministry of Infrastructure and Energy controls electricity supply and distribution in Albania through state-owned company Operatori i Shpërndarjes së Energjisë Elektrike (OSHEE). The government has unbundled the activities in line with the Power Sector Law, which transposes the European Union's Third Energy Package, the Energy Community Secretariat said in its latest note.

At the beginning of last year, the distribution system operator (DSO) Operatori i Shpërndarjes - OSSH, free market trader FTL and universal service supplier FSHU became operational as OSHEE's subsidiaries. According to the rules, the national DSO must be separate legally, functionally and in accounting.

The secretariat verified the compliance with the requirements, though it added suggestions for a few areas of

the unbundling “where further improvements are necessary or recommended.” The process should be monitored by the Energy Regulatory Entity or ERE, according to the report.

For instance, the possibility for OSHH to be able to raise money on the capital market needs to be made explicit and the transfer of the assets for the DSO activity isn’t officially complete, the Energy Community Secretariat said.

The EU’s Electricity Directive stipulates that distribution system operators must be independent of the supply branch and that market distortion through cross-subsidization and discrimination of other supply companies must be prevented.

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