Iveks plus from Babušnica prepared a draft of the detailed regulation plan for the wind park "Gornjak" of the investor Windflow East from Belgrade, for whose needs the municipality of Petrovac na Mlavi commissioned the plan.
It states that the preparation of a study on the construction and exploitation of wind power plants, which will be located in the zone of the most favorable specific wind potential, is underway.
– That study will be considered an integral part of this spatial plan, that is, that part of the study that refers to this area. According to PPRS documentation (Thematic Map), the territory of the municipality of Petrovac is located in the zone of higher average wind energy in Serbia, with an intensity (at 100 m height) of over 225kWh/m2 in January and around 150kWh/m2 in July – the report states.
– The immediate reason for creating the Plan is the intention of the investor **Windflow East d.o.o. Belgrade** to build an infrastructure facility for the production of electricity from renewable energy sources in the area of the municipality of Petrovac na Mlavi and the municipality of Žagubica. The area covered in the area of the municipality of Petrovac na Mlavi is 1,521 ha, and in the area of the municipality of Žagubica is approximately 300ha – it is stated in the study which will be available for early public inspection until December 6.
The scope of the plan is located on the territory of the municipality of Petrovac na Mlavi, southeast of the settlement of Petrovac na Mlavi, and immediately next to the border of the municipality of Žagubica. It is a hilly terrain, which is mostly covered by forests.
Within the scope of the Plan, in the zones that have been shown to be suitable by analysis, it is planned to install a total of thirty wind generators, each with a power of 6.2 MW (25 wind generators in the territory of the municipality of Petrovac na Mlavi, 5 wind generators in the territory of the municipality of Žagubica).
– From each of the wind generators, a 35kV power cable descends through the pylon to the ground. Four wind generators are connected to the same cable that transports the produced electricity to the transformer station/distribution facility. The place of connection of the wind farm to the electricity distribution system will be determined by the conditions of the EPS, which will be issued in the procedure of creating the Plan.
As previously announced, it is estimated that the future Gornjak wind farm could be realized in the next five years, eKapija writes.