

Rotary wind turbine with a hydraulic turbine and a vertical axis of rotation consists of upper and lower horizontal beams anchored in bedrock, bearings installed in the upper and lower bearing housings, a wind turbine shaft with working blades mounted on the upper shaft, and a generator fixed to the beams. Wherein the upper horizontal beam is connected to the upper part of the upper shaft via bearings installed in the upper bearing housing. Besides, a middle horizontal beam, a hydro turbine, upper and lower drive couplings, and a lower shaft secured by bearings of the lower bearing housing are introduced. The lower end of the lower shaft is connected to the hydro turbine, and the upper end is connected to the electric generator rotor via the lower drive coupling. Besides, the upper shaft is connected via the upper drive coupling to the rotor of the electric generator, which, in turn, is designed to rotate in the magnetic field of the stator of the electric generator, and its lower part is secured by means of bearings of the middle bearing housing on the middle horizontal beam.