Wind power plant consists of generator, control panel, and wind turbine with vertical rotor axis, which uses sails made from rectangular pieces of sailcloth and equipped with mechanisms for unfurling and furling mechanisms, which are powered via central ring-shaped current collector controlled by wind vane mounted on wind turbine rotor axis. Each sail fabric piece is attached to vertical rods, evenly spaced across the width of piece, which are movably attached to horizontal guides; these guides, together with two vertical beams, form rectangular frame located in the radial plane of wind turbine rotor axis. Drive mechanism for unfurling and furling sail is mounted on vertical beam closest to wind turbine rotor. In the middle of beam closest to wind turbine rotor is lever supported by encircling wheels on edge concentric with wind turbine rotor; this lever is attached to supports embedded in the ground and connected to wind turbine rotor lever via double horizontal hinge. On vertical beam, farthest from wind turbine rotor, tension blocks of sail unfurling-furling mechanism are mounted; ropes of this mechanism are attached — one from above and the other from below — to vertical rod farthest from wind turbine rotor. In the middle of vertical beam, on the side farthest from wind turbine rotor, there is lever supported by encircling wheels on edge concentric with wind turbine rotor, which is attached to supports embedded in the ground.