Multi-level system for water condensation and electricity generation, comprising: a cylindrical vertical cooling tower, inside which a cooling circuit is located in the upper part, and in the lower part - a device for capturing and collecting condensed water from the outside air and a storage tank. An external air intake device located above the aforementioned vertical cooling tower. A refrigerant supply device and a refrigerant discharge device connected to the aforementioned cooling circuit. Additionally includes: a refrigerant atomization device connected to the aforementioned refrigerant discharge device, a plurality of horizontal trapezoidal pipes connected radially to the aforementioned vertical cooling tower between the cooling circuit and the storage tank, each of which has a multi-layered wall structure, and inside each of which there is a distribution section and a turbine unit; filtration devices located in the connection zone of each of the plurality of horizontal trapezoidal pipes with the cylindrical vertical cooling tower. It comprises a plurality of vertical pipes, each of which is connected to one of the horizontal trapezoidal pipes, inside each of which there is a wind turbine; and a plurality of devices for discharging air flow into the atmosphere with dust and dirt protection elements, each of which is located at the outlet of each of the plurality of vertical pipes. The aforementioned multi-level system for water condensation and electricity generation is designed to create continuous katabatic air movement in a closed circuit by varying temperatures throughout the air’s path using renewable energy sources.