



[ENVIRONMENTAL IMPACT STATEMENT]

*The three power plants produce by the different sized diameter and turbines different amounts of power. The technology of air vortex power plants is still in the research phase, but already there are theoretical and practical energy data:*

*The turbine of the power plant with a diameter of 65 meters produces 20 MW, the turbine of the power plant with a diameter of 25 meters produces 3 MW and the turbine of the power plant with a diameter of 15 meters produces 1 MW.*

*Through the three turbines a power of 24 MW is obtained accordingly. In a year the turbines produce 235,000 kWh.*

*In addition, the piezoelectric elements produce electricity. By comparison values it is expected that they produce 18.4 kWh in a year. If there are 500 piezo elements in the large power plant they would accordingly produce 9,200 kWh/a.*

*TORNADO TOWER produces around 245,000 kWh in a year. This corresponds to CO2 emissions of 144,550 kg per year. According to the 2010 census, the energy consumption of an average Copenhagener is 1,340 kWh/a. TORNADO TOWER will then provide enough energy to power over 180 persons in Copenhagen with renewable energy.*

