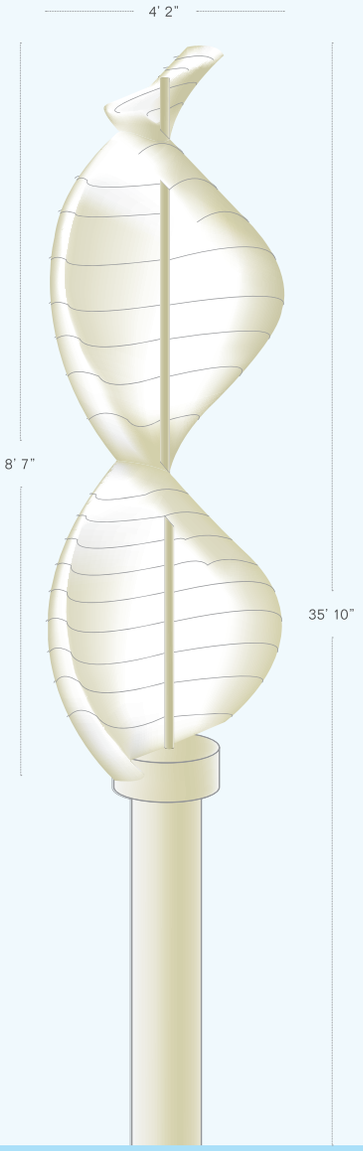
Helical Wind Turbine



DESIGN

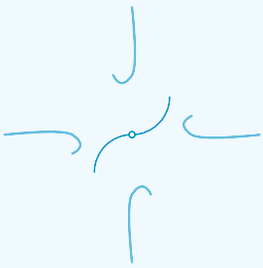
Constructed in a horizontal position so that it can be usable in residential areas with no harm to humans or animals.

The Helix shaped blades help catch the wind from all directions to better produce energy.

The generator is right under the turbine so that it is able to use as much of the force produced to create the energy.

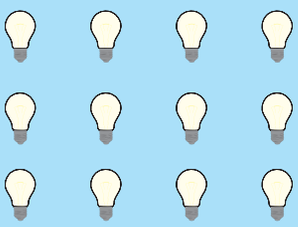
HELIXWIND

A company dedicated to creating turbines that will create better energy in smaller places, so that everyone has a chance to help in keeping the planet clean.



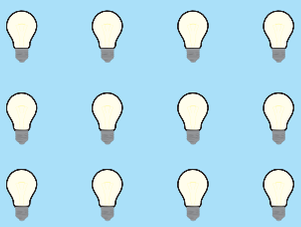
As the wind blows, it is constantly changing direction, so any horizontal wind turbine will not be able to create energy from a source that it can't catch. That's where the Helical Wind Turbine comes into advantage, it is able to use wind currents from any direction, which in turns does not lose an opportunity to create energy.

While the wind blows in all directions the Vertical Wind Turbine is only able to capture a small percentage of it to use in energy production. As well as being so big, they are shut down once the winds are blowing to hard as to not damage the blades and generator. This produces a lose of energy during this time.



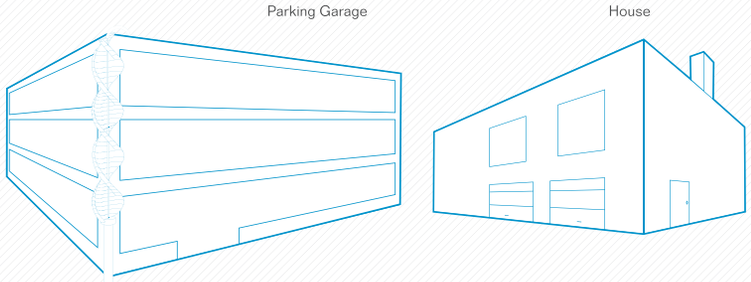
HELICAL ENERGY

A simple design that is best for low wind speed residential and commercial area. The design is based on the double helix, gaining the name of Helical. With this shape it is able to catch the winds better from all directions creating a smooth powerful torque that spins the electric generator. The turbine itself is mounted on top of a 35 foot high stand that will allow it to get uninterrupted winds. With winds blowing as little as 10 mph the turbine will still produce electricity to power your home or small business. The turbine is capable to produce from 300 watts to 50 kilowatts an hour, enough to fully power a small home.



TURBINE USES

Uses of the Helical Wind Turbine have been seen to be at residential homes, small business and even parking garages. Some are on top of the building while others are placed beside. All depending on the wind.



NET METERING

When a Helical wind Turbine is in use along side the net meter. Then one can have their electricity bill lessened in cost. If excess energy is produced and not used it is sent to the city grid, which causes the meter to roll back, but if there is no excess then one will take energy from the grid.

Sources by: Helix Wind