

Garrett Crownover
Wind, Does It Power YOUR Car?

The materials for this project were: 4- 1x2x5 cm ceramic magnet, 1-#30 Magnet Wire 200ft, 1- cardboard strip, 8cmx30.4cm, 1- large nail 8cm or more, 1 RC Car, and Wooden Dowel Rods. This project was designed to make an electronic car run off of wind harnessed energy. This wind energy would turn a generator that would in turn power the car to propel itself down the road. The project was a success in the sense of the battery life was one and three quarters of what it was during the control test. The constant in the test was how long the car batter was charged before it was run completely dead each time. If this design was to be applied to daily life there could essentially be an electric car that could travel from California to New York with few if any stops to recharge the car battery.