

In it, to wind it: A new wind turbine design

We are Team Long Runners. We are a family team who wanted to figure out how we can lower energy cost to everyday families. We want to solve this problem by using unused wind or wasted wind and turn it into energy for everyday usage. Our plan includes making more efficient windmills that use nearly 100% of its energy instead of the current percentage of wind that passes between the blades.

- As Team Long Runners, we want to create a wind system that utilizes more wind energy to help lower cost of utility bills for families in the US. We have seen the infrastructure of solar power now being used to help give homes and businesses across America power. We want to do the same with wind energy. As a family, we have driven across America and have witnessed windmills at work. We wondered if the mills could capture more energy, more efficiently. That way, more homes could benefit from this energy as well as solar energy. Our focus is on wind energy, but the two combined could decrease the cost of a constant increase of rates because the usage of any energy.

