

Wind Power Physics Quiz

1. What in the wind power process would use the formula $PE = mgh$?	A. blades B. turbine C. generator D. control house
2. Which of the following is the formula for power, one that can be applied to any energy form, not exclusively wind power?	A. $t / E = P$ B. $E / t = P$ C. $P / t = E$ D. $t / P = E$
3. What common variable does not change when potential is converted to kinetic energy?	A. acceleration B. mass C. velocity D. height
4. Wind power is most similar in scientific layout to what alternative energy form?	A. nuclear power B. solar power C. fuel cells D. water power
5. As the blades accelerate, the power production does what:	A. increases B. decreases C. stays the same