

## Wind Power Discussion Questions

1. What was the decisive advancement from early forms of wind mills and post mills (Dutch windmills)? Pg 14
2. It is a constructional advantage if the rotor velocity is much greater than the wind velocity. Why? Pg 15
3. What is the name of the simplest mechanism used to keep wind turbine velocity from reaching a dangerous velocity? Pg 15
4. What principal for limiting wind turbine velocity did Professor Ulrich Hutter contribute? Pg 16
5. What are the three types of material most commonly used for the turbine blades? Pg 17
6. Are wind farms more effective on land or off shore? Pg 17
7. In Germany they had to write all new grid codes for the turbines to insure a secure grid. How could this affect the older turbines? What does this mean for the company? Pg 17