WIND POWER (WP)

**Introduction**:

* Wind powerful source of energy
* Propelling sailboats or turning blades of windmills to grind grains or pump H2O
* Past: Wind turbines used for agricultural work
* Today: Wind turbines used to convert wind energy into electricity

**How it works:**

1. The wind rotates the 3 windmill blades
2. Blades generate movement in the turbine
3. Turbine spins generator producing electricity

**Pros & Cons:**

|  |  |
| --- | --- |
|  WP considered a renewable resource W F admit no GHG | Storage technology $Location : far from areas where e demand is ⭡$ to build bt not to operate  |

**Conclusion:**

* At the moment, wind power makes up only a small portion of the electricity produced in the USA
* It will become cheaper and easier to use if we find better ways to store the EE it generates