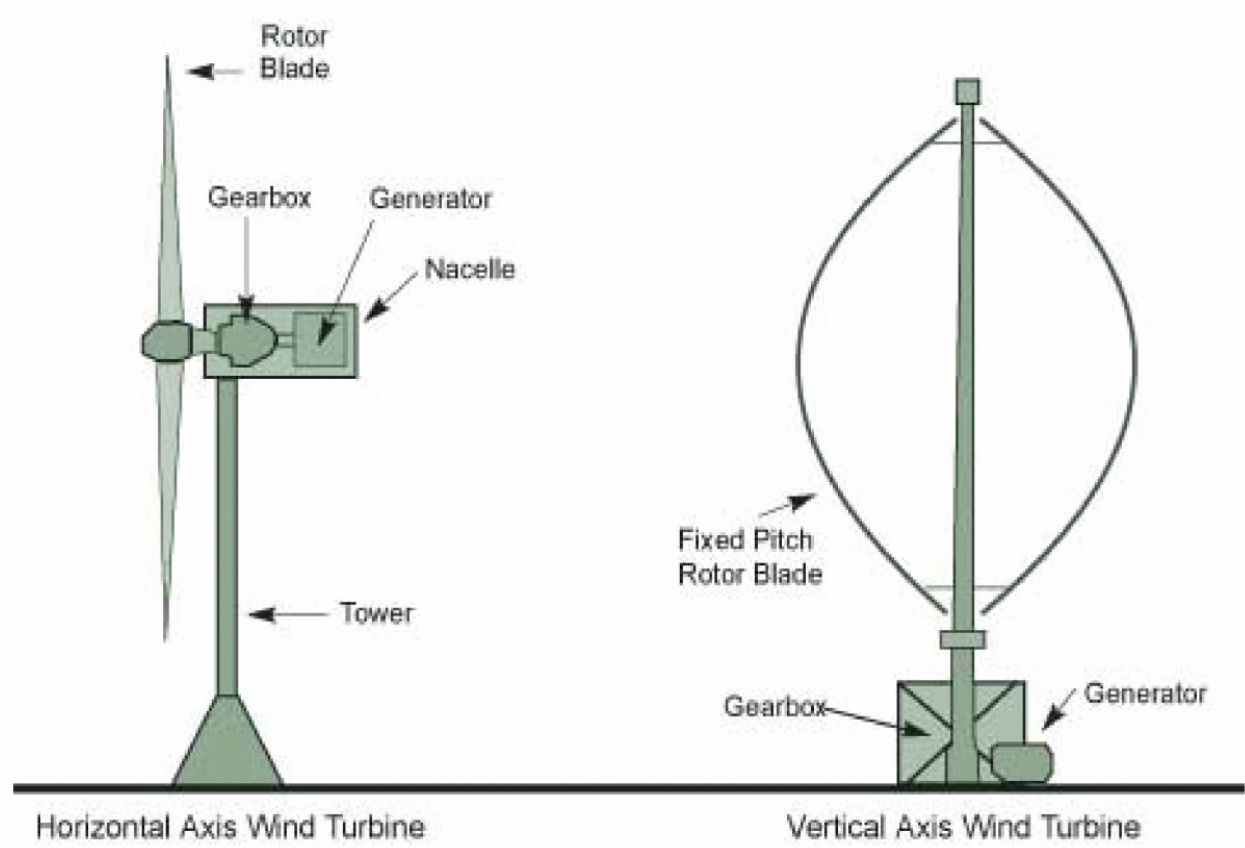


# HORIZONTAL AXIS WIND TURBINE (HAWT) VS. VERTICAL AXIS WIND TURBINE (VAWT)



- **Main rotor shaft in the horizontal direction.**
- **Small generators are pointed into the wind by a simple wind vane.**
- **Requires a relatively high wind speed.**
- **Operates at a high RPM.**
- **Higher vibration levels.**
- **Can be noisy.**

- ***Main rotor shaft in vertical direction.***
- ***Operates with wind from any direction.***
- ***Designed for low wind speed.***
- ***Operates at a low RPM.***
- ***Lower Vibration levels.***
- ***Small noise levels.***