

TESTING OF MODEL

1. Connect multimeter to the two connector wires using the 2 alligator clip wires.
2. Place the model under a faucet and turn the faucet on. Position the model so the stream of water flows over the turbine blades (spoons) causing the turbine to turn.
3. Increase the flow of water until the LED begins to flash.
4. When connected you can check the output of your hydro generator while a fast stream of water is passing over the turbine blades and turning the turbine. It takes about 1.7 volts to light the green light on the LED, and about 2.1 volts to light the yellow light of the LED. If you have successfully constructed an efficient model you will see a greenyellow, green-yellow flashing LED. This is indicating the alternating current (AC) produced.
5. **Caution:** keep the stream of water flowing through the top of the container and out the bottom, so water does not build up in container.
6. Keep outside of the model as dry as possible.

