

## Energy Sources Produce Electricity

**Challenge:** Use the SEEDS Energy Literacy website [www.seedsenergy.ca](http://www.seedsenergy.ca) and other resources to complete this table. Use the flip side of this page, if more space is need

<b>Energy Source</b>	<b>Non-renewable or Renewable</b>	<b>Where does the energy originate?</b>	<b>Technology used for conversion to electricity?</b>	<b>Provinces using this energy source</b>	<b>Advantages of using this source</b>	<b>Disadvantages of using this source</b>
<b>WIND</b>	renewable	Unequal solar warming of Earth's surface and atmosphere produces wind.	Wind turns turbine blades and via an axel turns a generator.	all except BC, Northwest Territories, and Nunavut	many wind places, relatively cheap, no emissions	intermittent, possible hazard to birds and bats, noise, light flickering
<b>NUCLEAR</b>						
<b>BIOMASS</b>						
<b>COAL</b>						
<b>PETROLEUM</b>						
<b>TIDAL &amp; WAVE</b>						
<b>SOLAR</b>						
<b>HYDRO</b>						
<b>GEOHERMAL</b>						

