

Energy Sources Produce Electricity

CHALLENGE

Use the **SEEDS Energy Literacy** website www.seedsenergy.ca and other resources to complete this table.

ENERGY SOURCE	NON-RENEWABLE OR RENEWABLE	WHERE DOES THE ENERGY ORIGINATE?	TECHNOLOGY USED FOR CONVERSION TO ELECTRICITY?	PROVINCES USING THIS ENERGY SOURCE	ADVANTAGES OF USING THIS SOURCE	DISADVANTAGE OF USING THIS SOURCE
WIND	renewable	Unequal solar warming of Earth's surface and atmosphere produces wind.	Wind turns turbine blades and via an axle 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
NUCLEAR						
BIOMASS						
COAL						

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PETROLEUM						
TIDAL & WAVE						
SOLAR						
HYDRO						
GEOTHERMAL						