



A Green-Powered Canada

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Worksheet

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| Energy source <u>Hydro power</u> | |
| Type of resource (circle one) <u>Renewable</u> Non-renewable | |
| Definition <u>hydro power is electrical energy produced through</u> | |
| Benefits <u>hydro power is fueled by water so it's a clean fuel source meaning it won't pollute the air</u> | Drawbacks <u>Impact of the power of making on fish. water limited plant locations higher initial costs susceptible to droughts. flood risk.</u> |
| How is this energy source being used in Canada? <u>ontario was developed in 1898 and is the oldest high head hydro power generating station in Canada. Rivers are a power source of clean and renewable energy that can provide us with abundant efficient reliable and affordable electricity.</u> | |
| What role could this energy source have in the future? <u>Hydro power has the potential to support more than 195,000 jobs across the nation by 2030. Hydro power can reduce a typical house's energy use by 5-10%.</u> | |
| Provide two reliable sources for people who would like to learn more about this energy source: <u>facts about Hydro power - International Hydro power Association</u> | |

