

CEDC-A GREEN POWERED CANADA

Energy Source

Oil and Gas

Type of resource (highlight one)

Renewable

Non-renewable

Benefits (Pros)

It can be stored very easily in barrels and oil tanks, and the oil industry employed over 800 000 people in 2018 and it contains more energy than coal if they both are equal weight.

Drawbacks (Cons)

Oil energy creates lots of toxic gases that are horrible on the environment and also horrible on us, and oil leaks could happen during drilling transporting lots of oil to nearby lakes and bays. Oil also takes millions of years to be created so it will be easily run out soon and oil is very dangerous to dig for.

How is this energy source being used in Canada?

Oil is being used in Canada mainly for gasoline products like diesel fuel or jet fuel like kerosene. Oil is also used to make propane, asphalt, petro-chemical feedstocks and more.

What role could this energy source have in the future?

It could have a change in role to making less gasoline products because the world is trying to lower climate change and oil makes a lot of the world's carbon footprint so the world might transition to mainly electric vehicles so gasoline products would be made less and oil would have a different role of maybe asphalt only products or maybe oil could be completely banned.

Provide two reliable sources for people who would like to learn more about this energy source:

1. <https://www.capp.ca/oil/>

2.

<https://www.nrcan.gc.ca/our-natural-resources/energy-sources-distribution/clean-fossil-fuels/crude-oil-industry-overview/18078>