

Tidal Power

Introduction to Tidal Power:

Tidal power is harnessed by converting energy from tides into useful forms of power, mainly electricity using various methods.

What are some benefits of tidal power?

The benefits of tidal power are:

Tidal power is renewable and reliable

Tidal power is environmentally friendly

What are some drawbacks of tidal power?

Some disadvantages of tidal power are:

High tidal power plant construction cost a lot of money

Negative influence on marine life forms

Location limits

The variable intensity of sea waves

How is this energy source being used in Canada?

Canada is one of the few countries to have begun to harness tidal energy. The country's only tidal energy station is located in Nova Scotia, in the Bay of Fundy.

What role could this energy source have in the future?

Tidal energy is hard to use because of the costs involved and because the technology sometimes gets wrecked. But costs are now coming down because scientists are coming up with better turbines and power generators. In the future, hopefully we will be able to use this energy source more often.

<https://kiwienergy.us/tidal-power-pros-and-cons/>

<https://actionrenewables.co.uk/news-events/post.php?s=everything-you-need-to-know-about-tidal-energy>