

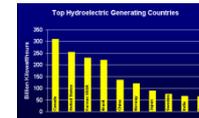
Climate Change – Hydropower

HOW HYDROELECTRICITY IS PRODUCED? Watch

- Hydropower is clean. It prevents the burning of 22 billion gallons of oil or 120 million **tons** of coal each year.
- Hydropower does not produce greenhouse gasses or other air pollution.
- Hydropower leaves behind no waste.

By generating electricity from hydropower instead of coal, in 2017 the world prevented up to 4 billion **tonnes** of greenhouse gases – and avoided a 10 per cent rise in global emissions from fossil fuels and industry. It also avoided 148 million tonnes of air polluting particulates, 62 million tonnes of sulphur dioxide, and 8 million tonnes of nitrogen oxide from being emitted.

The Environment
Hydropower Energy



1 What is hydropower?

2 Where would you find hydropower stations?

3 What is a **ton**? What is a **tonne**??

4 What are the pros and cons of hydropower?



Answers

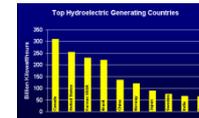
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In the United States and Canada a **ton** is defined to be 2,000 pounds (907 kg).

1 **tonne** = 1000 kg

