

HYDROPOWER IN BRITISH COLUMBIA

71,000,000 MWH



province-wide annual
hydroelectric generation
(megawatt-hours)

121 hydroelectric facilities

15,953 MW
estimated capacity

90%

of total energy
province-wide

89%

of total renewable
energy province-wide

**6.64
MILLION**

equivalent homes
powered



16.4 MIL

tons of carbon emissions avoided.

That's like taking

3.6 MIL CARS

off the road.

9 hydropower facilities are
planned or under
construction, adding

1,200

megawatts of capacity

**UNDER
CONSTRUCTION**



OTHER BENEFITS OF HYDROPOWER IN BRITISH COLUMBIA

JOBS & ECONOMY



6,128

JOBS IN B.C. CREATED BY
HYDROPOWER



\$35 BILLION

how much hydropower contributes to
Canada's gross domestic product
(GDP)

ENVIRONMENT



collaboration with First
Nations to protect our
environment



on-demand power to support and
integrate other carbon-free
resources, like wind and solar,
providing instant clean energy
even when the sun isn't shining or
the wind isn't blowing



funding for habitat
enhancements to help
species important to the
province's history and
cultural identity



vegetation management
practices that support and protect
natural areas

**NO OTHER ENERGY SOURCE PROVIDES
RECREATION LIKE HYDROPOWER!**

RECREATION

- Boating
- Kayaking
- Fishing
- Swimming
- Wildlife viewing
- Hiking
- Biking
- Camping
- and more!

FOR MORE INFORMATION:

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Sources:

- Government of Canada - cer-rec.gc.ca
- Clean Energy BC - cleanenergybc.org
- British Columbia's Energy System - gov.bc.ca
- Waterpower Canada - waterpowercanada.ca

