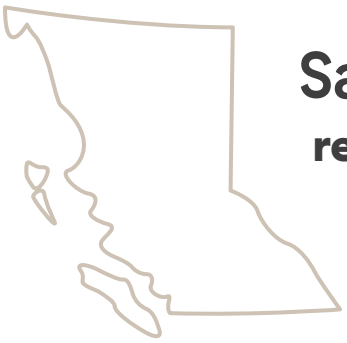
BC Hydro quick facts*



Safely provide **reliable, affordable, clean** electricity throughout B.C.

A commercial **crown corporation** owned by the province of British Columbia

Provides over **4,000,000** customers with reliable electricity

Third lowest** residential rates in North America

97.8% clean electricity generated in B.C. in 2018/19

Serves **95%** of the province's population

The average household uses approximately **10,000 kWh per year**

Our Demand Side Management portfolio achieved **868 GWh of new incremental electricity savings in fiscal 2018/19*****

30 Hydro Plants

BC Hydro has a network of approximately **79,000 kms** of transmission & distribution lines

Over 300 substations

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* For the year ended March 31, 2019

** Out of 22 North American Utilities surveyed for the 2018 Comparison of Electricity Prices in Major North American Cities by Hydro-Québec

***Including programs, codes and standards and conservation rates

BC Hydro
Power smart

BCH19-687

Financial Information

(in millions)

for the years ended or as at March 31	2019*	2018*
Revenues	$ 6,573	$ 5,954
Net income (Loss)	$ (428)	$ 684
Property, plant and equipment and intangible assets	$28,554	$25,670
Property, plant and equipment and intangible expenditures	$ 3,826	$ 2,473
Net long-term debt	$22,101	$20,140

Definitions

power = how much electricity is consumed by customers or produced by power generators at any instant in time

energy = how much is consumed or produced over a period of time

capacity = the maximum sustainable amount of electricity that can be produced or delivered at any instant. Example: a car engine's horsepower rating is its energy capacity

Units of power

- 1 kilowatt (kW) = 1,000 watts
- 1 megawatt (MW) = 1,000 kilowatts (or 1 million watts)
- 1 gigawatt (GW) = 1,000 megawatts (or 1 billion watts)

Units of energy

- 1 kilowatt hour (kWh) = 1,000 watts for 1 hour (1,000 watt hours)
- 1 megawatt hour (MWh) = 1,000 kWh
- 1 gigawatt hour (GWh) = 1,000 MWh
- (Note that the abbreviations for prefixes follow metric convention, so kilo is k, while mega and giga are capitalized. The abbreviation for watt is W.)

Power to Energy ratios–rule of thumb

- Power to energy–for thermal electric: MW x 8 = GWh per year
- Power to energy–for large hydro: MW x 5 = GWh per year

* The Company adopted IFRS in fiscal 2019, and restated the comparative period (fiscal 2018).

Operating Statistics

for the years ended or as at March 31	2019	2018
Customer accounts		
Residential	1,833,097	1,803,752
Light industrial and commercial	212,446	210,673
Large industrial	195	190
Other	3,419	3,429
Trade	165	182
Total	2,049,322	2,018,226
Domestic Electricity Sold (gigawatt-hours)		
Residential	18,000	18,150
Light industrial and commercial	19,007	18,874
Large industrial	13,896	13,440
Other	3,740	6,709
Total	54,643	57,173
Revenues (in millions)*		
Residential	$2,127	$2,097
Light industrial and commercial	1,925	1,860
Large industrial	873	811
Surplus Sales	115	139
Other energy sales	392	316
Total Domestic Revenues	$5,432	$5,223
Average Revenue (per kilowatt-hour)		
Residential	11.8¢	11.6¢
Light industrial and commercial	10.1¢	9.9¢
Large industrial	6.3¢	6.0¢
Average Annual Kilowatt-Hour Use Per Residential Customer Account	9,899	10,139
Peak One-Hour Integrated System Demand (megawatts)	10,045	9,651
Lines In Service		
Distribution (kilometres)	59,095	59,222
Transmission (circuit kilometres)	20,385	20,306
Water Inflows (% of average)	87	98

Generating Capacity in MW

	Hydroelectric	Megawatts (MW)
	Aberfeldie	25.0
	Alouette	9.0
	Ash River	28.0
	Bridge River	478.0
	Cheakamus	158.0
†	Clayton Falls	2.0
	Clowhom	33.0
	Elko	12.0
	Falls River	7.0
V	GM Shrum	2,778.0
	John Hart	126.0
	Jordan River	170.0
	Kootenay Canal	583.0
	Ladore	47.0
	La Joie	25.0
R	Lake Bunzten	76.8
	Mica	2,746.5
	Peace Canyon	694.0
R	Puntledge	24.0
V	Revelstoke	2,480.0
	Ruskin	105.0
R	Seton	48.0
	Seven Mile	805.0
R	Shuswap	6.0
	Spillimacheen	4.0
V R	Stave Falls	91.0
R	Strathcona	64.0
R	Wahleach	65.0
	Waneta (1/3)	164.4
	Walter Hardman	8.0
	Whatshan	59.0
		11,921.7
	Thermal	
	Fort Nelson	73.0
	Prince Rupert	46.0
		119.0
	Diesel Generation	
†	Ah-Sin-Heek	8.1
†	Anahim Lake	3.7
†	Atlin	2.7
†	Bella Bella	4.9
†	Dease Lake	3.0
	Eddontenajon	0.6
†	Elhlateese	0.2
†	Good Hope Lake	0.8
†	Hartley Bay	1.1
†	Kwadacha	1.9
†	Masset	10.5
	McBride	5.0
†	Sandspit	9.7
	Takla	0.6
†	Telegraph Creek	1.8
†	Tsay Keh Dene	2.5
†	Toad River	0.6
		57.7
	Total Capacity	12,098.4

R Has recreational area
V Has visitor centre
† Non-integrated area

Generation capacity figures may vary slightly from those stated in BC Hydro's Annual Service Plan Report due to recent plant upgrades/updates.

BC Hydro
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British Columbia, Canada V6B 5R3

A downloadable version of this information is available at:

bchydro.com/quickfacts

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