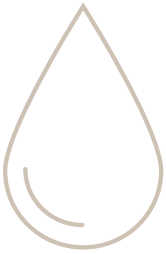
BC Hydro quick facts*

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

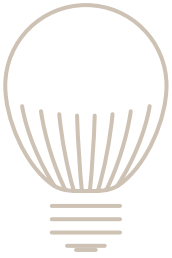


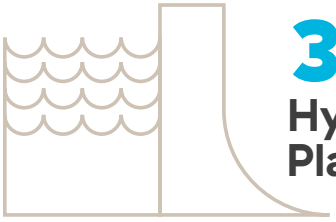
96.3% clean electricity generated in B.C. in 2019/20

Serves 95% of the province's population

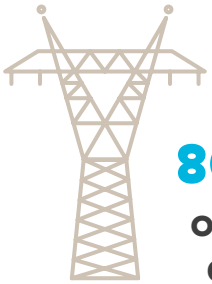
The average household uses approximately **9,700 kWh per year**

Our Demand Side Management portfolio achieved **735 GWh of new incremental electricity savings in 2019/20*****



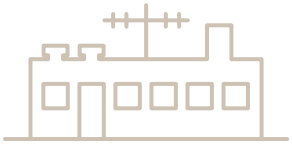


30 Hydro Plants



BC Hydro has a network of over **80,000 kms** of transmission & distribution lines

Over 300



substations

bchydro.com/quickfacts

* For the year ended March 31, 2020

** Out of 22 North American Utilities surveyed for the 2019 Comparison of Electricity Prices in Major North American Cities by Hydro-Québec

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

BC Hydro
Power smart

BCH20-635

Financial Information

(in millions)

for the years ended or as at March 31	2020	2019*
Revenues	$ 6,269	$ 6,576
Net income (Loss)	$ 705	$ (428)
Property, plant and equipment, Right-of-way assets and intangible assets	$31,496	$29,402
Property, plant and equipment and intangible expenditures	$ 3,082	$ 3,826
Net long-term debt	$23,354	$22,101

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.

Operating Statistics

for the years ended or as at March 31	2020	2019
Customer accounts		
Residential	1,863,569	1,833,097
Light industrial and commercial	215,063	212,446
Large industrial	198	195
Other	3,396	3,419
Trade	159	165
Total	2,082,385	2,049,322
Domestic Electricity Sold (gigawatt-hours)		
Residential	17,993	18,000
Light industrial and commercial	18,692	19,007
Large industrial	13,398	13,896
Other	2,030	3,740
Total	52,113	54,643
Revenues (in millions)*		
Residential	$2,169	$2,127
Light industrial and commercial	1,942	1,925
Large industrial	850	873
Surplus Sales	1	115
Other energy sales	431	392
Total Domestic Revenues	$5,393	$5,432
Average Revenue (per kilowatt-hour)		
Residential	12.1¢	11.8¢
Light industrial and commercial	10.4¢	10.1¢
Large industrial	6.3¢	6.3¢
Average Annual Kilowatt-Hour Use Per Residential Customer Account	9,735	9,899
Peak One-Hour Integrated System Demand (megawatts)	10,577	10,045
Lines In Service		
Distribution (kilometres)	59,694	59,095
Transmission (circuit kilometres)	20,389	20,385

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	136.0
	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
	Waneta (1/3)	164.4
R	Wahleach	65.0
	Walter Hardman	8.0
	Whatshan	59.0
		11,931.7
	Thermal	
	Fort Nelson	73.0
	Prince Rupert	46.0
		119.0
	Diesel Generation	
†	Ah-Sin-Heek	8.1
†	Anahim Lake	3.1
†	Atlin	2.7
†	Bella Bella	4.9
†	Dease Lake	3.0
	Eddontenajon	1.2
†	Elhlateese	0.2
†	Good Hope Lake	0.7
†	Hartley Bay	1.0
†	Kwadacha	1.8
†	Masset	10.4
	McBride	5.0
†	Sandspit	11.3
	Takla	0.6
†	Telegraph Creek	1.8
†	Tsay Keh Dene	2.4
†	Toad River	0.6
		58.8
	Total Capacity	12,109.5

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
333 Dunsmuir Street, Vancouver
British Columbia, Canada V6B 5R3

A downloadable version of this information is available at:

bchydro.com/quickfacts