

QUICK FACTS



FOR THE YEAR ENDED MARCH 31, 2013

Corporate Purpose

BC Hydro's corporate purpose is to power B.C. with clean, reliable electricity for generations.

Our Business

BC Hydro is a commercial Crown corporation owned by the Province of British Columbia. BC Hydro is one of North America's leading providers of clean, renewable energy, and the largest electric utility in British Columbia, serving approximately 95 per cent of the province's population and approximately 1.9 million customers.

We are responsible for reliably generating between 43,000 and 56,000 gigawatt hours (GWh) of electricity per year. Electricity is delivered to our customers through a network of over 76,000 kilometres of transmission and distribution lines, approximately 300 substations, approximately one million utility poles and 325,000 individual transformers.

2013 Facts

- Net income after regulatory transfers was \$509 million, \$49 million below the prior year. This decrease was primarily due to the reduction in the allowed return on equity.
- Usable system inflows for fiscal 2013 were 109 per cent of average, comparable to 108 per cent in fiscal 2012. At March 31, 2013, the combined system storage in BC Hydro reservoirs was 103 per cent of average, compared to 110 per cent of average at March 31, 2012.
- Power Smart conservation programs continued to deliver cost-effective energy, producing cumulative annual energy savings of 4,460 GWh in fiscal 2013.
- Capital expenditures were \$1,929 million, a \$226 million increase over the prior fiscal year. This increase reflects the Company's ongoing investment to refurbish its aging infrastructure and build new assets for future growth.

Energy Facts

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

Comparison statistics

- The average household in BC Hydro's service area uses about 11,000 kWh per year.
- A large industrial customer, such as a pulp mill, might use 400 GWh in a year, equal to the consumption of 40,000 households.
- A typical large office building of 20–25 storeys might consume 5 GWh in a year, equal to the consumption of 500 households.
- A large "big box" retail outlet might consume 3.5 GWh per year, or roughly the equivalent of 350 households.

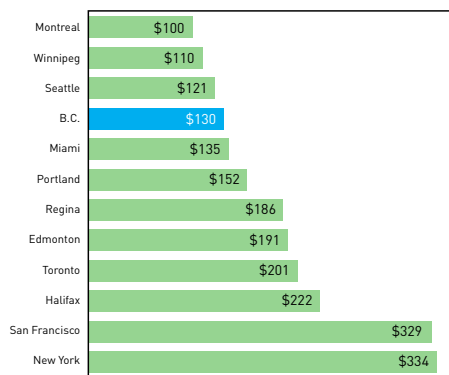
Financial Information (in millions)

For the years ended or as at March 31

	2013	2012
Revenues	\$ 4,898	\$ 4,730
Net income	\$ 509	\$ 558
Property, plant and equipment and intangible assets	\$ 17,664	\$ 16,403
Property, plant and equipment and intangible expenditures	\$ 1,929	\$ 1,703
Net long-term debt	\$ 13,962	\$ 12,833

Residential Rates

Monthly \$ Bills per 1,000 KWh



Hydro-Quebec Electricity Prices Comparison Report – Residential Monthly Bills. Rates in effect April 1, 2012.

Note: All bills and average rates are in Canadian currency and exclude taxes. "B.C." refers to BC Hydro service territory.

BC Hydro

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British Columbia, Canada V6B 5R3

A downloadable version of this information is available at:

bchydro.com/quickfacts

Operating Statistics

For the years ended or as at March 31

	2013	2012
Customers (total number)		
Residential	1,689,050	1,671,412
Light industrial and commercial	199,981	197,821
Large industrial	172	168
Other	3,482	3,490
Trade	249	264
Total	1,892,934	1,873,155

Electricity sold (gigawatt hours)

Residential	17,703	18,395
Light industrial and commercial	18,384	18,005
Large industrial	13,508	13,522
Other energy sales ²	7,417	2,275
Total domestic	57,012	52,197
Trade (electricity and gas)	59,957	54,548
Total	116,969	106,745

Domestic Change Over Previous Year (%)

9.2 3.0

Revenues (in millions)

Residential	\$ 1,622	\$ 1,531
Light industrial and commercial	1,382	1,321
Large industrial	731	680
Other energy sales	303	216
Total domestic	4,038	3,748
Trade	860	982
Total	\$ 4,898	\$ 4,730

Average revenue (per kilowatt hour)

Residential	9.2 ¢	8.3 ¢
Light industrial and commercial	7.5	7.3
Large industrial	5.4	5.0
Other	4.1	9.5
Trade ¹	3.1	4.0

Average annual kilowatt hour

use per residential customer 10,534 11,067

Peak one-hour demand

integrated system (megawatts) 9,153 9,929

Lines in service

Distribution (kilometres) 58,115 57,914

Transmission

(circuit kilometres) 19,163 18,864

¹ The method used to calculate trade revenue per kWh is based on gross trade revenues.

² Other energy sales GWh have been revised to include surplus energy sales.

Generating Capacity in kW

Hydroelectric*	Kilowatts (kW)
Aberfeldie.....	25,000
Alouette.....	9,000
Ash River.....	28,000
Bridge River.....	478,000
Cheakamus.....	158,000
† Clayton Falls.....	2,000
Clowhom.....	33,000
Elk River.....	12,000
Falls River.....	7,000
V GM Shrum.....	2,730,000
John Hart.....	126,000
Jordan.....	170,000
Kootenay Canal.....	583,000
Ladore.....	47,000
La Joie.....	25,000
R Lake Bunzten.....	76,800
Mica.....	1,805,000
V Peace Canyon.....	694,000
R Puntledge.....	24,000
V Revelstoke.....	2,480,000
Ruskin.....	105,000
R Seton.....	48,000
Seven Mile.....	805,000
R Shuswap.....	6,000
Spillimacheen.....	4,000
V R Stave Falls.....	91,000
R Strathcona.....	64,000
R Wahleach.....	65,000
Waneta.....	164,420
Walter Hardman.....	8,000
Whatshan.....	54,000
	10,927,220

* Maximum sustained generating capacity

R Has recreational area

V Has visitor centre

† Non-integrated area

Thermal

Burrard.....	950,000
Fort Nelson.....	73,000
Prince Rupert.....	46,000
	1,069,000

Diesel Generation

† Ah-Sin-Heek.....	6,450
† Anahim Lake.....	3,550
† Atlin.....	2,680
† Bella Bella.....	3,300
† Dease Lake.....	3,450
† Eddontenajon.....	2,550
† Elhlateese.....	200
† Kwadacha.....	1,820
† Masset.....	12,545
† Sandspit.....	9,150
† Telegraph Creek.....	1,800
† Tsay Keh Dene.....	1,095
† Toad River.....	575
	49,165

Total Capacity..... 12,045,385

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