

# *Utilities*



# Water and Sewer

British Columbia is widely recognized as having some of the best water quality in the world. The City of Powell River's water originates from the Haslam Lake Watershed. Haslam Lake is located within the traditional territories of the Sliammon and Sechelt First Nations. Logging in the area is expected to increase in the coming years, as much of the timber is now reaching harvestable age.

The City of Powell River is responsible for sewer maintenance and is mandated by the Ministry of Environment to ensure safe treatment and disposal is within Ministry regulations. The City is regulated to ensure safe water treatment and discharge of sewage and storm water as well as water conservation and sustainable environment initiatives.

## Water Availability

Majour Sources	Haslam Lake	Powell Lake
Percent of Population	89%	11%

Source: City of Powell River



## Water Production

Name of Provider	City of Powell River
Rate Capacity (Permitted Amount)	14.10 Mgd
Average Daily Demand	2.07 Mgd
Peak Demand	5.0 Mgd
Residential Cost (Bylaw 2196)*	\$187.40
Industrial (Bylaw 2196)*	\$186.15 minimum fee
Water Connection Fee for Industrial Users	19mm \$1,900

\*City of Powell River charges by a rate depending on size of service and feet of frontage plus type of user, not by volume.

Source: City of Powell River

## Sewer Production

Name of Provider	City of Powell River
Type of Service	Residential, Industrial, Commercial, Institutional to Lagoon/Wastewater Treatment Plant
Rated Capacity (Permitted Amount)	5.66 Mgd
Average Daily Demand (LWMP - Stage 3)	2.14 Mgd
Peak Demand (LWMP - Stage 3)	4.32 Mgd
Annual Fee (Bylaw 2193 & 2195)	\$191.40
Sewer Connection Fee for Industrial Users	200mm \$2,000

Source: City of Powell River



# Electric *Power*

Electric Power for the City of Powell River is provide by BC Hydro, a crown corporation of the Provincial Government. BC Hydro is regulated by the BC Utilities Commission, and the rates payable are dependant on the service zone and consumption levels.

Provider:	BC Hydro
Net Importer/Exporter of Power	Net Exporter - BC Hydro generates 50,000 GWH of electricity annually
% of Reserve Margin including Generation & Net Purchases	8% as per WSCC guidelines plus an additional 8% surplus
Average Electrical Service Availability Index	
Most Recent Year	99.974
Last 5 Years	99.967
Name of Power Pool Membership	Formal membership in WSCC, WSPP, Power Pool of Alberta (PPA), MAPP. Also active in SPP and CalPX
Source Electric Power De-regulated	Wholesale competition allowed
Residential Customers	5.98 cents per kWh for the first 1,350 kWh they use over a two month billing period. Above that amount customers will pay 7.21 cents per kWh for the balance of the electricity used during the billing period.
Business Customers	Average Cost Per kWh
General Service under 35kW for 2 months	Small business such as stores, small warehouses, offices and auto repair shops

Basic Charge	15.48 cents per day
All kWh	\$0.0736 kWh
Minimum Charge	The Basic Charge
Rate Rider	0.5% Rate Rider applied to all charges, before taxed and levies
General Service 35kW and over for 1 month	Retail stores, medium industry, manufacturing, schools, office buildings, supermarkets
Basic Charge	15.48 cents per day
Demand Charge	First 35 kW for NIL Next 115 kW at \$3.77 per kW All additional kW at \$7.23 per kW
Energy Charge	First 14,800 kWh \$0.0736 per kWh All additional kWh \$0.0354 per kWh
Discounts	1.5% on entire bill if customer's electricity is metred at primary potential \$0.25 per kW if customer supplies transformation from a primary to a secondary potential. If a customer is entitled to both discounts the 1.5% discount is applied first.
Minimum Charge	%0% of the highest maximum demand charge billed in any month within an on-peak period (1 November to 31 March inclusive) during the preceding 11 months.
Rate Rider	0.5% Rate Rider applied to all charges, before taxes and levels
Industrial: Transmission Service	Mines, chemical plants, large sawmills pulp and paper mills, large manufacturing
Demand Charge	\$5.036 per kVa of billing demand
Energy Charge	\$0.02462 per kWh applied to all kWh up to and including 90% of the customers baseline load (CBL) in each billing year.
Minimum Charge	\$5.036 per kVa of billing demand per billing period
Rate Rider	0.5% Rate Rider applied to all charges, before taxes and levies

Source: BC Hydro



# Natural Gas

Natural Gas in Powell River is provided by Fortis BC, and primarily provides gas for heating and hot water. On September 12, 2013 the BC Utilities Commission issued Order G-151-13 approving FBC's requested 3.3 percent rate increase for January 1, 2014 as interim pending its final decision on the Company's 2014-2018 Multi-Year Performance Based Ratemaking Plan Application. Customers are charged \$30.33 based on 60 day billing periods, and the first 1,600 kWh are billed at 8.803¢, and additional kWh are billed at 12.952¢.

Name of Provider	Fortis BC
Rate Territory	Inland regions
Firm Contract Rates (2013)	
Type of Customer	Small Industrial (RS 5)
Basic & Administration Charge (Monthly)	\$25.30 (CDN)
Delivery & Commodity Demand Charge (per GJ)	\$9.298 (CDN)

Source: Fortis BC



# Telecommunications

Telus provides telephone service to the Powell River area. The residential rate as of September, 2014 for a single telephone line ranges between \$20, and \$25 per month. The toll-free area surrounding Powell River includes Gibsons on the Sunshine Coast, as well as areas in Vancouver Island such as Campbell River, Courtenay and Comox Valley.



Name of Provider	Telus
Address	#5 - 3777 Kingsway Burnaby, BC V5H 3Z7
Website	www.telus.com
Contact	604-310-2255
Service Characteristics of the Office	
Switch Technology	Digital
Fiber Service provided	Yes
100 Mbps Lan Service Available	No
Monitoring-Remotely or On-Site	Remotely
ISDN Available	No
ADSL Available	No
ADSL Available From Switch	No
Central Office on Self-Healing Fiber Ring	No
Dual Feed from Two Separate Switching Office	No
Multiple Route Diversity	No
Source: Telus	





# Other Municipal *Services*

## ***Garbage Collection and Recycling***

The City of Powell River manages solid waste collection and recycling services for the residents of Powell River. Residents simply put their waste at the edge of their property on the scheduled day and City employees will dispose garbage bags with City garbage tags. Waste dimensions must adhere to City regulations, and should not be left out to avoid animal attraction.

## ***Landfill and Waste Management***

There are no landfills located in Powell River. Solid waste disposal is a function of the Powell River Regional District. Waste within the municipality is collected by municipal crews from residential properties and taken to Augusta Recyclers Inc. collection site where it is sorted and then shipped to Cache Creek. Recyclable waste is also handled by Augusta Recyclers Inc.

### **Closest Landfills**

Landfill Name:	Comox Valley Waste Management Centre
Location:	2400 Pidgeon Lake Road, Cumberland, BC
Telephone:	250-334-6000
Capacity Left at Current Site:	N/A
Plans for new Capacity:	Yes

## Closest Landfills

Landfill Name:	Sechelt Landfill
Location:	4905 Dusty Road
Telephone:	604-885-6889
Capacity Left at Current Site:	N/A
Plans for new Capacity:	N/A

## Closest Landfills

Landfill Name:	Pender Harbour Landfill
Location:	5545 Garden Bay Road
Telephone:	604-883-2954
Capacity Left at Current Site:	N/A
Plans for new Capacity:	N/A

## Closest Hazardous Materials Disposal Site

Name of Site	N/A
Number of Hazardous Materials Drop-off Sites	1 - Augusta Recyclers (drop off only - no disposal available)
Number of Licensed Hazardous Waste Haulers Serving the Area	21 - See Hazardous Waste Transport Licences

Source: City of Powell River