

Attachment 1 – Summary of Port Moody EV Charging Stations

Station	Rate	No. of Ports	Times in Effect	Notes
City Hall DC Fast Charger (ChargePoint)	\$0.27 / minute (\$16 / hour)	1	24 hours a day, 7 days a week	Networked. Station became operational on November 28, 2019 (operated 1 month without fees)
Old Orchard Hall Level 2 (ChargePoint)	\$2.00 / hour for 4hrs \$5 / hour after 4hrs	2	24 hours a day, 7 days a week	Networked.
Kyle Centre Level 2 (ChargePoint)	\$2.00 / hour for 4hrs \$5 / hour after 4hrs	2	24 hours a day, 7 days a week	Networked. Power shared charging
City Hall Dual Port Level 2 (ChargePoint)	\$2.00 / hour for 4hrs \$5 / hour after 4hrs	2	24 hours a day, 7 days a week	Networked. Power shared charging. Availability subject to Bylaws EV fleet and City Hall garage hours
City Hall Single Port Level 2 (ChargePoint)	\$2.00 / hour for 4hrs \$5 / hour after 4hrs	1	24 hours a day, 7 days a week	Networked. Availability subject to City Hall garage hours
Recreation Centre Level 2 (ChargePoint)	\$2.00 / hour for 4hrs \$5 / hour after 4hrs	2	24 hours a day, 7 days a week	Networked.
Rocky Point Park Level 2 (ChargePoint)	\$2.00 / hour for 4hrs \$5 / hour after 4hrs	2	24 hours a day, 7 days a week	Networked.
Works Yard Level 2 (ChargePoint)	N/A	1	Subject to Works Yard hours	Non-networked. Used for Works Yard electric equipment.

Types of Electric Vehicle Charging

There are three types of approved electrical vehicle charging configurations: Level 1 AC, Level 2 AC, and DC fast charge. It is increasingly believed that Level 1 charging is insufficient for the next generation of EVs that feature greater battery capacity, and that Level 2 will be preferable for at home and work charging applications.

Level 2 Charging: Uses a connection to a 240-volt outlet, like those used by ovens and clothes dryers. Provides a useful charge in 2-6 hours depending on the vehicle. Used in homes, businesses, and common areas.

DC Fast Charging: Uses a direct current connection to an electrical system. Provides a useful charge in 15 minutes at 50 kW (varies by vehicle type). Used mostly in businesses and common areas.