



# First 100% EV Ready building retrofit in Saanich

## Case Study

Residents of a strata complex in Saanich were eager to take advantage of the new EV Ready rebates that were launched by the Province’s CleanBC program late in 2020.

They hired a local contractor, Edwards Electric to provide an EV Ready Plan that outlined the electrical design options and costs to provide 100% of stalls with an energized outlet capable of providing Level 2 charging.

In 2021, the owners approved funding to go ahead with the installation at their AGM. The EV Ready infrastructure involved installing a dedicated hydro meter with ten 40 amp circuits. To make the most efficient use of the electrical capacity, each circuit is shared by 3 or 4 chargers using smart load - sharing technology from SWITCH.

Owners who were ready to buy and install their EV chargers were able to access additional rebates and 15 chargers were installed as part of the project. With convenient at-home charging now available, several owners have purchased an EV since the installation was completed.



### PROJECT SNAPSHOT

<b>Building type:</b>	condo apartment + townhomes
<b>Parking Spaces:</b>	37 stalls: 32 for condo owners and 5 for townhomes)
<b>EV Ready Parking Spaces:</b>	100% of parking
<b>Level 2 Chargers Installed:</b>	15
<b>Parking Type:</b>	Mix of underground and at-grade
<b>EV Energy Management:</b>	3 or 4 way share per 40 Amp circuit
<b>Electrical Service Upgrade:</b>	None
<b>Cost for EV Ready Plan:</b>	\$3,550 with 75% back (\$2,665) in rebates
<b>Cost for infrastructure:</b>	\$38,200 with 50% back (\$19,100) in rebates
<b>Cost per Charger:</b>	\$2,500 with \$1,100 back in rebates
<b>Electrical Contractor:</b>	Edwards Electric
<b>EV Station and Service Provider:</b>	SWTCH
<b>Monthly energy costs for EV owners:</b>	\$15