



Public EV Chargers – Port Moody

Climate Action Committee
April , 2026



Why?

- **Climate Action Plan Goal**
Support the use of alternative and zero-emission transportation.
- **Tri-Cities Zero Emission Mobility Strategy**
- Identifies a need for **141 public chargers by 2030**
- **Currently 64** public chargers installed
- **Community Need**
- Provides an essential service to Port Moody residents who do not have access to home EV charging due to the high cost of installing private infrastructure.
- Port Moody has **high EV adoption**:
 - **13.7%** of all new vehicles purchased were electric in **2022**
 - EVs now represent **9% of all passenger vehicles, a 137% increase since 2023**
- BC Hydro have a **public service mandate** from the Province to install **3000 public EV Chargers by 2030** (*the driver from their end*)

Figure 7-1: Tri-Cities Priority Charger Locations

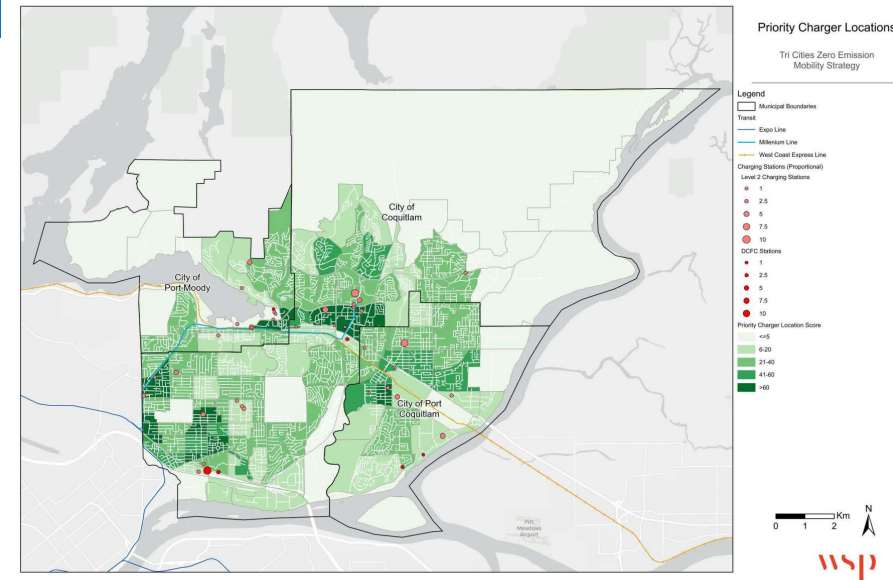
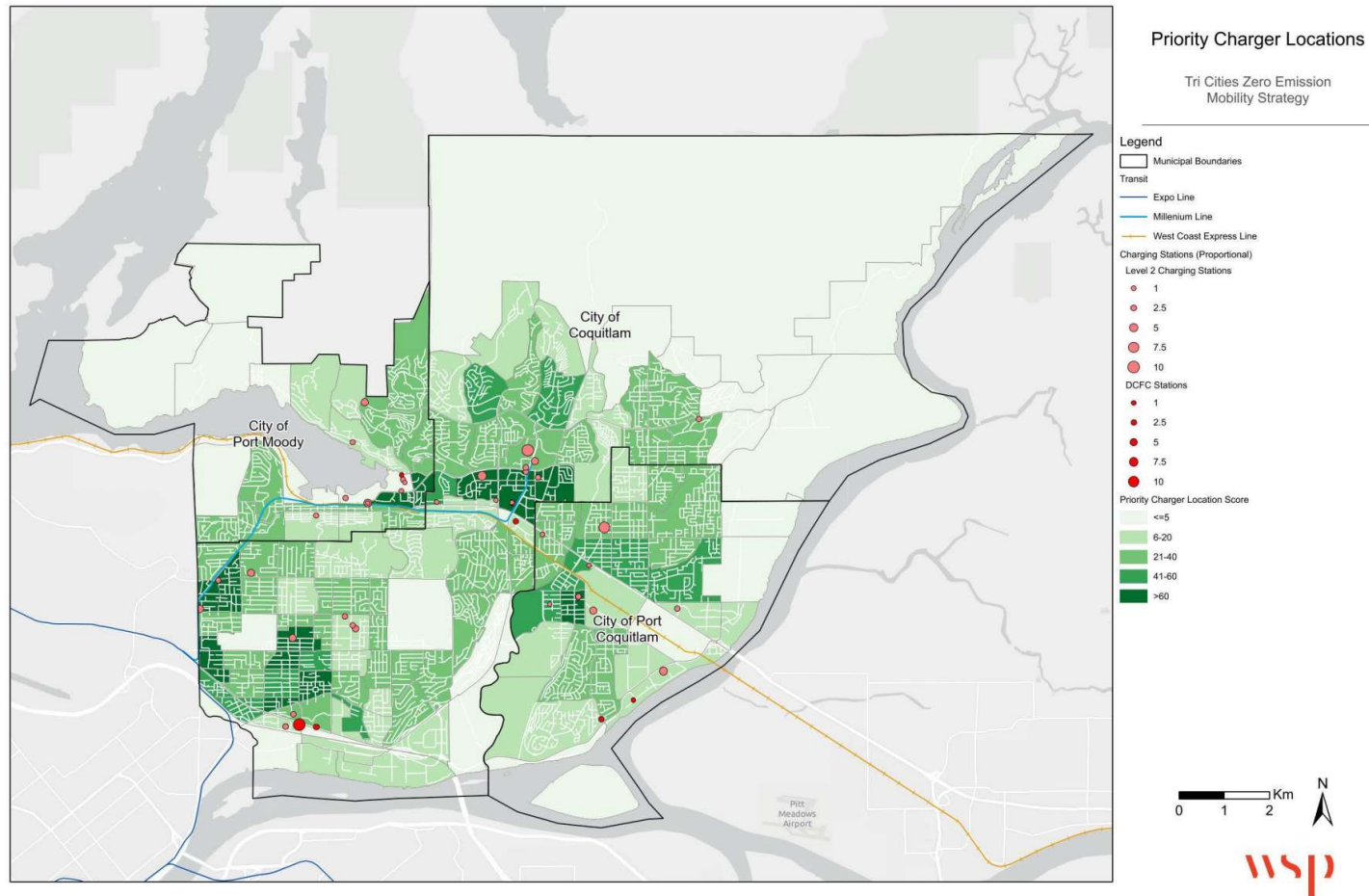


Table 7-2: 2030 Public Charger Targets by Municipality




	2021	2026	Target by 2030
DC fast Chargers	1	9	11
level 2 Charger	15	(32) Civic spaces 23 in private public parking	130

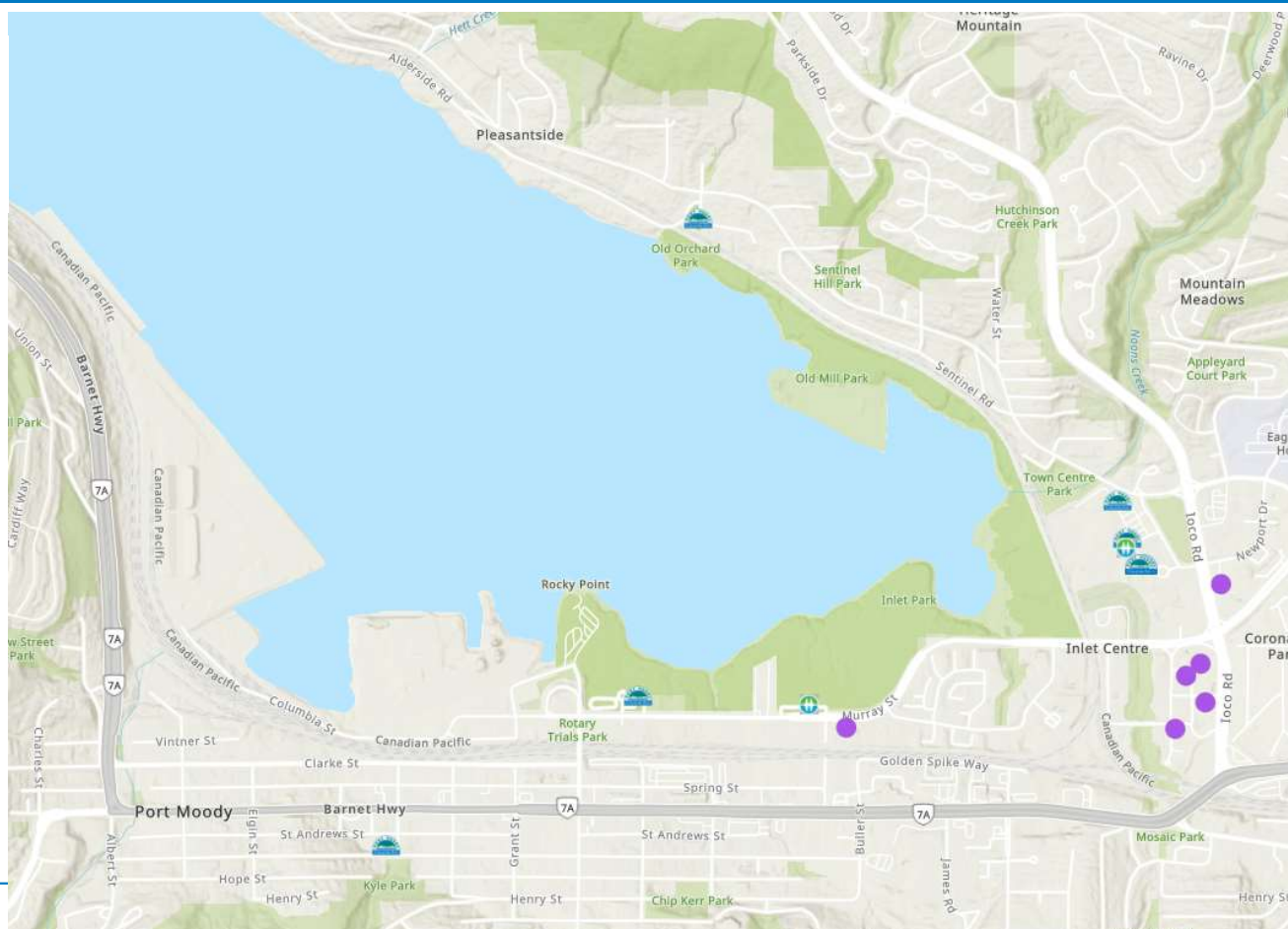
Priority Charger locations



Current Public EV Chargers

2025 Port Moody EV charger

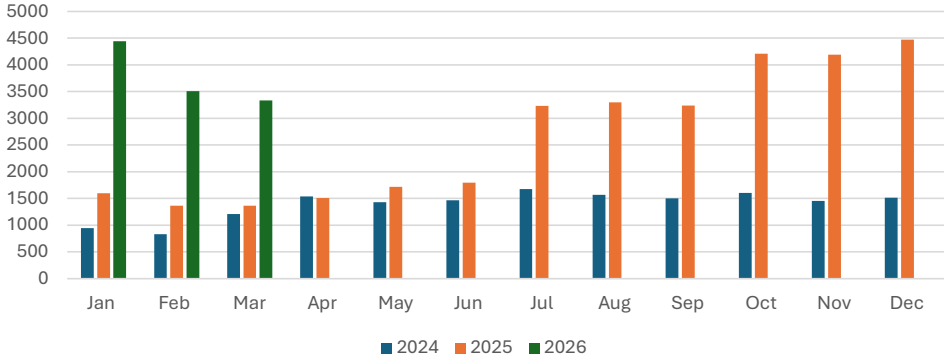
-  City of Port Moody
-  developer
-  BC Hydro



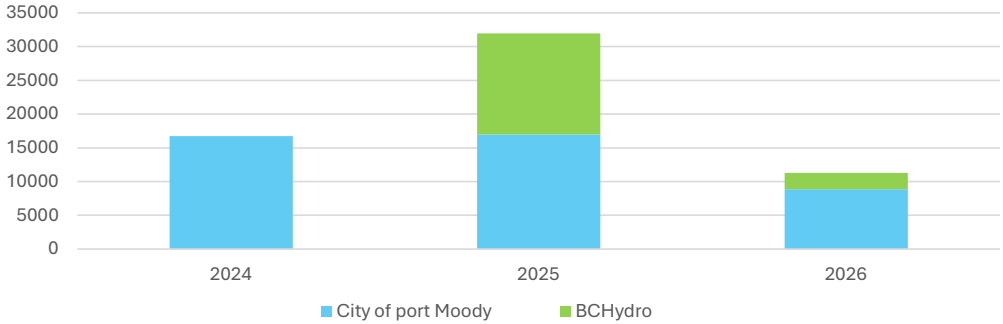
Public Charging in City owned Spaces

- The number of charging sessions in civic spaces **doubled in 2025 compared to 2024.**
- The sessions for the City owned chargers remained the same

Monthly Year over Year Sessions



Sessions Year over Year Sum City owned vs BCHydro



Actions being taken to increase EV Chargers

Supporting and encouraging EV chargers in private parking

- **EV-Ready bylaw: 20% of commercial parking stalls** must be EV-Ready
- Looking at Car-share and **curbside charging** potential
- Future review of the EV permitting process and potential increases to the percentage of EV-required stalls in commercial developments

Civic-Owned Chargers

- Additional chargers installed at the **Civic Centre parking area** for both fleet and public use
- **Kyle Centre redevelopment** is exploring opportunities to increase the number of EV chargers

BC Hydro EV Charging in Port Moody



Rec Complex 12 ports



Inlet 9 ports

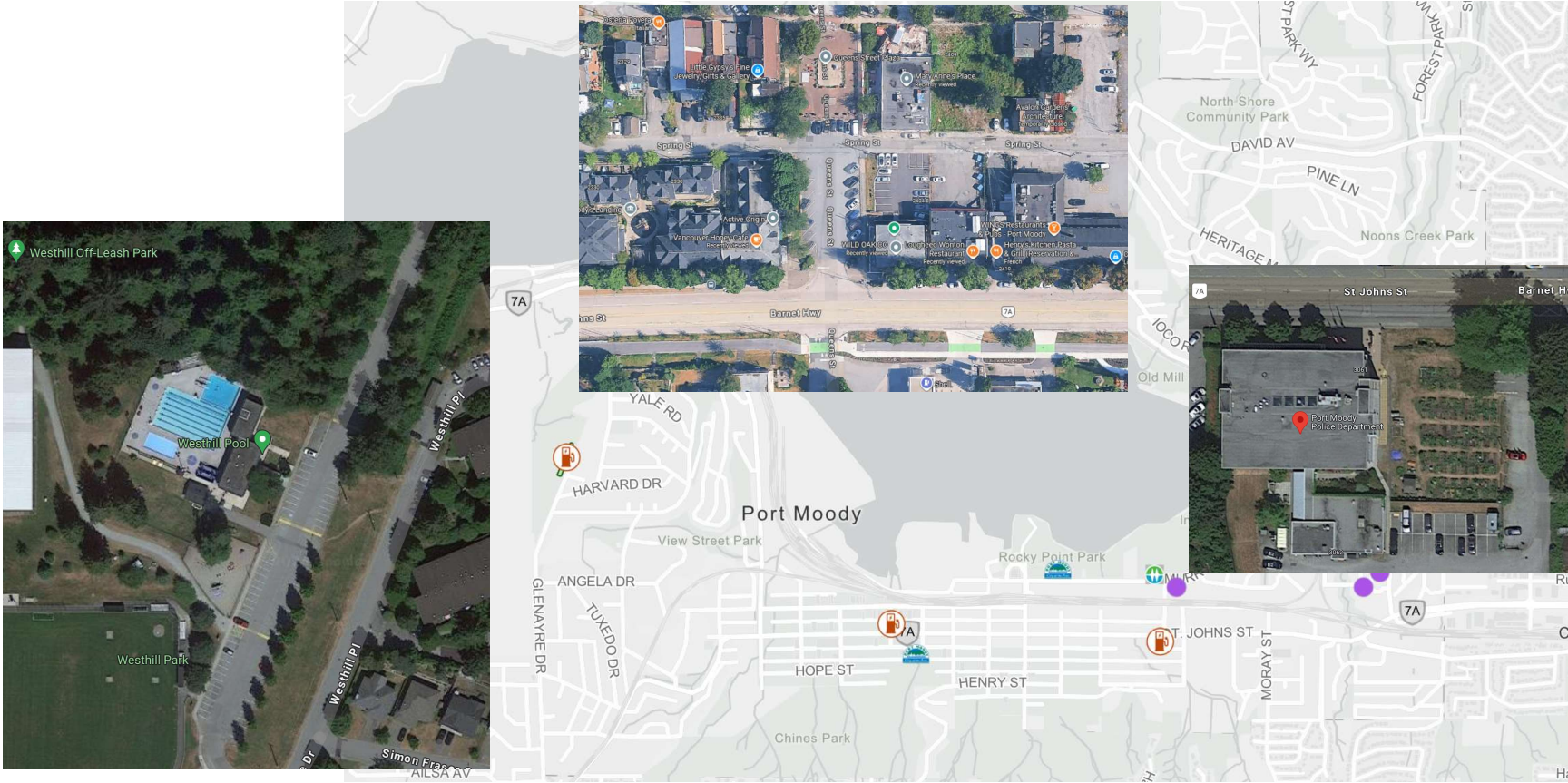
Funding options

- BC Hydro up to 4 locations in Port Moody (3 now with Rec Centre)
- 8 x DC Fast chargers (plus level 2 chargers)
- \$500,000+ fully funded free site



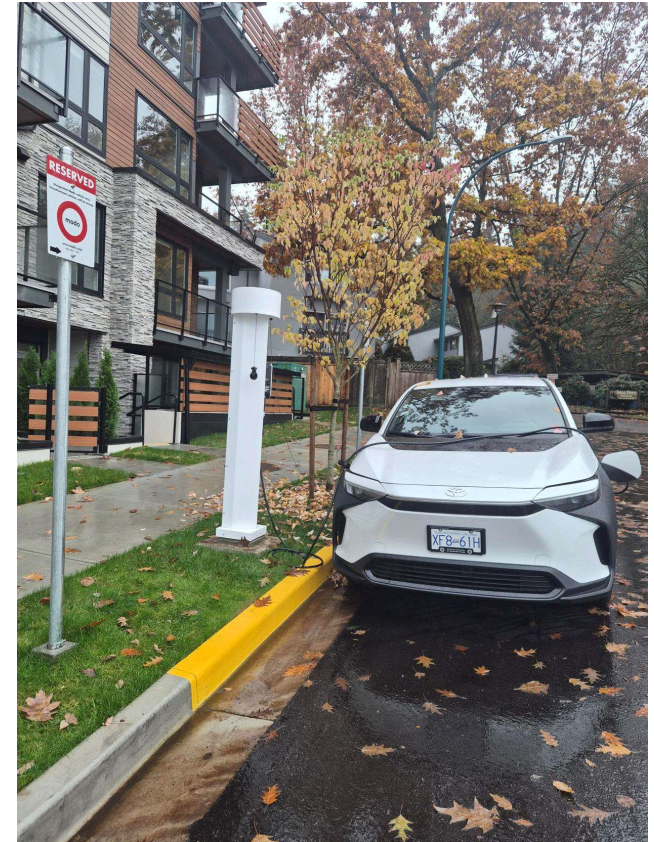
Potential Public EV charger locations

- Queen St Plaza
- Police Station
- Westhill pool
- Others?



Ride Share Ev's

- Some developments have committed to providing **ride-share parking**, with several also committing to installing EV chargers. Future developments may include **two EV charging ports**:
One designated for **Modo EVs**
- One available for public use as part of the City-owned EV charging network
- As of **2025, 1 in 5 Modo vehicles is electric**



Multi Unit Residential Buildings

- **35% of total residential units** are located in multi-unit residential buildings.
- Assuming 25% of these units are retrofitted for EV chargers at **1 parking stall per unit by 2030**, total costs could range between **\$30M and \$114M**.
- While the majority of these costs will be borne by building owners and occupants, with potential support from Provincial incentives, some **municipalities have introduced modest per stall top-ups (approximately \$100 / stall)** to reduce the overall capital cost burden.
- Multiple EV Ready rebate offers are available provincewide for MURBs starting on October 31, 2023, including rebates for **EV Ready plans, EV Ready electrical infrastructure upgrades, and EV charging stations**.
- Rebates for **EV Ready plans** can fund up to **75% of eligible costs (up to \$3,000)**. An EV Ready plan provides a strategy to provide a parking stall that is capable of Level 2 EV charging for each residential unit that has a parking stall.
- If the EV Ready plan determines electrical modifications or service upgrades are necessary to make an apartment, condominium, or townhouse EV Ready, then eligible buildings can receive **rebates of up to 50% off the electrical work needed to make a parking stall EV Ready (up to \$600 per parking stall)**. **The maximum rebate available per building is \$120,000**.
- MURBs that receive electricity from BC Hydro and go through the EV Ready program stream can also apply for **charging station rebates and receive up to 50% of eligible costs (up to \$1,400 per charging station)**

Questions for Discussion

- Suggested locations for **public EV chargers** (BC Hydro)?
- Suggested locations for **private parking lot chargers** (e.g., malls, businesses)?
- Where have you seen a need for additional chargers be installed to:
 - Improve accessibility?
 - Increase redundancy and reliability?