



x<sup>w</sup>məθk<sup>w</sup>əyəm

## Musqueam's Green Initiatives

Electrical Vehicle (EV) Charging Stations

January 13, 2021



# Musqueam Stewardship Vision

č̣hi:yaʔastəl'ct tə ʔniməʔ xʷməθkʷəy̓əm kʷ s xaʔtəmət ct tə sʔa:nʔ təməxʷ. stəʔe ʔə tθeʔ wə ʔəq̣əlləxʷəs ʔal'kʷθə m̄is yəʔeʔəq̣talxʷ wə scəkʷəlaməxəs kʷθə nəxʷskʷəy̓χθət. nəʔeməstəxʷ ct ceʔ kʷθə sʔa:nʔ syəθ ʔiʔ ʔəw haʔkʷəx tə snəw̄eyəʔ kʷ s xaʔtəmət ct kʷθə məkʷ wet ʔiʔ kʷθə məkʷ stem.

*“We, the Musqueam, will work together to take care of our territory so the following generations will know how to be self-reliant. We will remember our own history and as well, use our traditional teachings to take care of everyone and everything on this earth”.*



## Why Electrical Vehicle (EV) Charging Stations?

- Climate protection forms a key part of Musqueam's **core values, policies** and **programs**.
- Musqueam's Comprehensive Sustainable Community Development Plan (CCP)
- **Environmental Stewardship Strategy** *Vision & Objectives* approved by Chief and Council
  - *Demonstrate Musqueam's commitment to improving **air quality** and reducing **greenhouse gas emissions (GHG)***
- CleanBC means by **2040**, all cars sold in **BC** will be **zero-emission** vehicles.





## Process

1. Approval from **Chief and Council**
2. Aligning Musqueam's Goals with **neighboring municipalities**
3. **Request for Proposals (RFP)** and selection of contractor
4. Applied for any applicable **incentives** and **grants**
  - *Funding allowances for Clean BC's current rebate program are as follows (all projects must be pre-approved by **BC Hydro** or **FortisBC** prior to purchase and installation)*
5. Implementation of the project



## Incentives and Rebates

### ■ Workplace Charging Station Incentives Program

- CleanBC incentive administered by BC Hydro
- Required Pre-approval
- **\$2000** per EV charging station

### ■ Zero Emission Vehicle Infrastructure Program

- Natural Resource Canada Program (NRCan)
- Joint application by BC Hydro with other First Nations and municipalities
- Up to **\$5000** per charging station







## Now?

- Two **Level 2 Flo Core +** chargers installed at the parking lot of the Band Administration Building
- Open to the community, administration staff and visitors
  - **Free** to community and staff
  - **Small competitive fee** for visitors
- Total cost of project EV charging stations ~ **\$28,000**
- Potential to add additional stations in the future ~ **up to 11**





## Contacts



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Questions, Comments?



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