Electric Vehicle Charging Stations – New Park Board Locations

Park Board Committee Meeting
Monday, January 15, 2018
To share information about the engagement process and to seek Board approval of the short term deployment strategy for new EV charging stations at Dunbar Community Centre, Trout Lake Community Centre, and Killarney Community Centre in 2018.
- **July 20, 2009,** Park Board approved a motion directing staff to identify potential capacity and suitable parking lots and nearby areas for electric vehicle charging.

- **June 11, 2012,** the Park Board approved the installation of three electric vehicle charging stations along Beach Avenue in partnership with Telus.
Background: Existing Park Board Infrastructure Examples

- **2011 – 2014**
  - Coal Harbour Community Centre
  - Hillcrest Community Centre
  - Mount Pleasant Community Centre
  - Beach Ave

- **2016**
  - Empire Fields DC Fast Charging station
The council-approved plan aims to improve the public charging network by expanding the Level 2 network to all City-owned, public facing buildings.
Short Term Strategy and Implementation

- A minimum of two charging stations will be deployed at each location

- Additional charging stations will be installed as capacity for future stations as demand increases.
Short Term Strategy and Implementation:

Proposed new charging locations (3):

Dunbar Community Center
Killarney Community Center
Trout Lake Community Centre
Dunbar Community Centre

Potential Parking Stalls For EV Charging Infrastructure

Approximate Location of Electrical Room

Dunbar Community Center
Dunbar Community Centre

Proposed EV Charging Locations
Trout Lake Community Centre

Anticipated BC Hydro Connection and upgrade

EV Charging Option 1

EV Charging Option 2
Trout Lake Community Centre

EV Charging Location
Option 1

EV Charging Location
Option 2
City Staff met with staff including Recreation Supervisors for Dunbar, Killarney, Trout Lake, and Kerrisdale Community Centres.
Engagement: Community Centre Associations

- Letters were sent to the Community Centre Associations at the proposed installation locations to inform them of the project.

- The installation of EV charging infrastructure at the Kerrisdale Community Centre will not be included in the short term deployment strategy due to concerns raised.
Future Installations

- Any future installations proposed by the City will be reviewed by staff as described in the report.
- Staff will seek approval from the elected Park Board prior to installing infrastructure at any new locations.
Alignment with Park Board Strategic Plan

- Universally Accessible EV charging units
- City Managed Resource
- Increased Advocacy for Sustainable Technology
- Input from Community Center Associations and Park Board Staff
Recommendation

THAT the Vancouver Park Board approve the installation and operation of new electric vehicle charging stations at Dunbar, Killarney, and Trout Lake Community Centres, with all work and costs managed by the City of Vancouver, to the satisfaction of the Park Board General Manager.