

From: ["Mochrie, Paul" <Paul.Mochrie@vancouver.ca>](mailto:Paul.Mochrie@vancouver.ca)  
To: ["Dominato, Lisa" <Lisa.Dominato@vancouver.ca>](mailto:Lisa.Dominato@vancouver.ca)  
["Boyle, Christine" <Christine.Boyle@vancouver.ca>](mailto:Christine.Boyle@vancouver.ca)  
["Direct to Mayor and Council - DL"](#)  
Date: 10/6/2021 2:55:30 PM  
Subject: RE: Question on EV Charging Stations

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Hi Lisa,

Capital costs have largely been funded through Gas Tax, nearly half (46%) of the funding has come from Gas Tax.

Second largest funding source is debenture at 21%, with pay-as-you-go at 14%.

Best,  
Paul

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**From:** Dominato, Lisa <Lisa.Dominato@vancouver.ca>  
**Sent:** Wednesday, October 6, 2021 11:38 AM  
**To:** Mochrie, Paul <Paul.Mochrie@vancouver.ca>; Boyle, Christine <Christine.Boyle@vancouver.ca>; Direct to Mayor and Council - DL  
**Cc:** Smith, Doug (Sustainability) <doug.smith@vancouver.ca>; Storer, Paul <paul.storer@vancouver.ca>; LaClaire, Lon <lon.laclaire@vancouver.ca>; City Manager's Correspondence Group - DL  
**Subject:** RE: Question on EV Charging Stations

Hi Paul,

Thanks for this info. In terms of the capital costs – have they largely been financed through pay-as-you-go financing or debenture borrowing?

**Lisa Dominato** | she her hers  
Councillor | City of Vancouver  
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**From:** Mochrie, Paul <[Paul.Mochrie@vancouver.ca](mailto:Paul.Mochrie@vancouver.ca)>  
**Sent:** Wednesday, October 6, 2021 11:13 AM  
**To:** Boyle, Christine <[Christine.Boyle@vancouver.ca](mailto:Christine.Boyle@vancouver.ca)>; Direct to Mayor and Council - DL  
**Cc:** Smith, Doug (Sustainability) <[doug.smith@vancouver.ca](mailto:doug.smith@vancouver.ca)>; Storer, Paul <[paul.storer@vancouver.ca](mailto:paul.storer@vancouver.ca)>; LaClaire, Lon <[lon.laclaire@vancouver.ca](mailto:lon.laclaire@vancouver.ca)>; City Manager's Correspondence Group - DL  
**Subject:** RE: Question on EV Charging Stations

Doug Smith has provided the following detail regarding the City-owned chargers:

There are stations we own and operate: about 9 DC Fast Chargers and roughly 30 Level 2s. Several more of each will be up and running by year's end.

We own them and pay all operating costs, and get revenue back. Capital costs have been funded using City funds coupled with grants from provincial and federal government grants. The revenues partially cover some of the operating costs.

Thanks,  
Paul

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**From:** Boyle, Christine <[Christine.Boyle@vancouver.ca](mailto:Christine.Boyle@vancouver.ca)>  
**Sent:** Wednesday, October 6, 2021 11:02 AM  
**To:** Mochrie, Paul <[Paul.Mochrie@vancouver.ca](mailto:Paul.Mochrie@vancouver.ca)>; Direct to Mayor and Council - DL  
**Cc:** Smith, Doug (Sustainability) <[doug.smith@vancouver.ca](mailto:doug.smith@vancouver.ca)>; Storer, Paul <[paul.storer@vancouver.ca](mailto:paul.storer@vancouver.ca)>; LaClaire, Lon <[lon.laclaire@vancouver.ca](mailto:lon.laclaire@vancouver.ca)>; City Manager's Correspondence Group - DL  
**Subject:** RE: Question on EV Charging Stations

Thanks. So there are EV chargers that we actual own and operate? With revenue going back to the city? Are there some that exist already?

Thanks!

**Councillor Christine Boyle** (she/her)

CITY OF VANCOUVER

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**From:** Mochrie, Paul <[Paul.Mochrie@vancouver.ca](mailto:Paul.Mochrie@vancouver.ca)>  
**Sent:** Wednesday, October 6, 2021 8:30 AM  
**To:** Boyle, Christine <[Christine.Boyle@vancouver.ca](mailto:Christine.Boyle@vancouver.ca)>; Direct to Mayor and Council - DL  
**Cc:** Smith, Doug (Sustainability) <[doug.smith@vancouver.ca](mailto:doug.smith@vancouver.ca)>; Storer, Paul <[paul.storer@vancouver.ca](mailto:paul.storer@vancouver.ca)>; LaClaire, Lon <[lon.laclaire@vancouver.ca](mailto:lon.laclaire@vancouver.ca)>; City Manager's Correspondence Group - DL  
**Subject:** RE: Question on EV Charging Stations

Good morning Christine,

Our staff team has provided the following comments in response to your question below:

With regards to the references in CEPP, the City investment is for City-owned and operated charging stations and their installation. This investment will expand the City's network of public chargers, which includes fast charging hubs and level-2 chargers throughout the city. By the end of the year, a DC Fast Charging hub will be located within a 10-minute drive of most parts of Vancouver. The City also hosts several BC Hydro public chargers on City land, which haven't required City investment. Private operators will continue to install some chargers on private property to attract customers but in order to support faster EV uptake to hit our targets we'll need a network of city owned/operated chargers on public land.

I hope that helps.

Paul

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**From:** Boyle, Christine <[Christine.Boyle@vancouver.ca](mailto:Christine.Boyle@vancouver.ca)>  
**Sent:** Tuesday, October 05, 2021 9:11 PM  
**To:** Smith, Doug (Sustainability) <[doug.smith@vancouver.ca](mailto:doug.smith@vancouver.ca)>; Storer, Paul <[paul.storer@vancouver.ca](mailto:paul.storer@vancouver.ca)>  
**Cc:** Mochrie, Paul <[Paul.Mochrie@vancouver.ca](mailto:Paul.Mochrie@vancouver.ca)>  
**Subject:** Question on EV Charging Stations

Hi Doug & Paul,

I received a question from a resident today – somewhat related to the CEPP – that I didn't have the answer to. Maybe you can help!

When the CEPP references public EV charging as one of the things that the revenue could fund – what is the actual public (city) contribution to new EV charging stations? The stations are generally private, right (run by Chargepoint, or Flow, or whomever)? Are they leasing the land? Do we subsidize the station being installed? How does that financial and land arrangement work, and how much is the public subsidizing a private for-profit company through it?

Thank you!

Christine

**Councillor Christine Boyle** (she/her)

CITY OF VANCOUVER

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