

**TO:** Chair and members  
FINANCIAL MANAGEMENT COMMITTEE

**DATE:** 2021 Apr 08

**FROM:** DIRECTOR CORPORATE SERVICES

**FILE:** 33000-02  
*Ref: EV Charging Stations*

**SUBJECT:** CITY HALL EV CHARGING INFRASTRUCTURE  
AND CIVIC FACILITIES EV CHARGING INFRASTRUCTURE  
CAPITAL BYLAW FUNDING REQUEST

**PURPOSE:** To request a Capital Reserve Fund Bylaw to finance the projects outlined in this report.

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**RECOMMENDATION:**

1. **THAT** Financial Management Committee recommend Council to authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$2,450,000 to finance City Hall EV Charging Infrastructure and Civic Facilities EV Charging Infrastructure at Still Creek Works Yard, as outlined in this report.

**INTRODUCTION**

The 2021-2025 Annual Financial Plan will provide funding for two multi-year capital projects building out the City's EV (Electric Vehicle) Charging Station network. This report is to seek Council approval of fund allocation for Corporate Services *This is Climate Action* projects. In order to proceed with the design and construction, bylaw funding approval is requested for the projects identified below.

**POLICY**

The City Hall EV Charging Infrastructure and Civic Facilities EV Charging Infrastructure projects are aligned with the City of Burnaby's Corporate Strategic Plan by supporting the following goals and sub-goals of the Plan.

**Goal**

- A Connected Community
  - Ensure that people can move easily through all areas of Burnaby, using any form of transportation.
- A Healthy Community
  - Enhance our environmental health, resilience and sustainability.

To: Financial Management Committee  
 From: Director Corporate Services  
 Re: EV Charging Infrastructure Capital Bylaw Funding Request  
 2021 April 21 ..... Page 2

- A Dynamic Community
  - Build and maintain infrastructure that meets the needs of our growing community.
- A Thriving Organization
  - Ensure that our core values are reflected in our policies, programs and service delivery.
  - Maintain a financially sustainable City for the provision, renewal and enhancement of City services, facilities and assets.
  - Support technology development and innovation to empower staff and to advance community objectives.

## 1.0 Infrastructure

### 1.1 City Hall EV Charging Infrastructure

**Estimated \$950,000**

The project aims to support the City's Climate Emergency goals with GHG emissions reductions by providing new EV (Electric Vehicle) charging infrastructure for fleet vehicles stationed at the City Hall Lower Compound. The project will involve undergrounding the existing overhead power lines to the property, adding a new pad-mount transformer and service kiosk to energize up to 100 parking stalls in the Lower Compound, installation of up to 100 level 2 fleet EV Charging Station ports, and photovoltaic solar panels. Staff are reviewing grant opportunities to help offset project costs.

Project Mask	2021
ENX.3223	\$950,000

### 1.2 Civic Facilities EV Charging Infrastructure

**Estimated \$1,500,000**

This project aims to support the City's Climate Emergency goals with GHG emissions reductions by providing new EV (Electric Vehicle) charging infrastructure for fleet vehicles stationed at Civic facilities and works yards. The project will involve installation of up to 13 EV charging stations at the Still Creek Works Yard, parking modifications with curb and pavement markings, and upgrades to conduits, cables, distribution kiosks, and vaults. The project also includes civil and electrical upgrades for future consideration of fleet electrification including extra conduit, larger electrical kiosks, and corresponding civil works. These additional civil and electrical upgrades will simplify electrification of the Solid Waste and Recycling fleet in the future with Level 2 and Level 3 charging stations. Staff are reviewing grant opportunities to help offset project costs.

Project Mask	2021	2022	Total
ENX.3245	\$500,000	\$1,000,000	\$1,500,000

To: *Financial Management Committee*  
From: *Director Corporate Services*  
Re: *EV Charging Infrastructure Capital Bylaw Funding Request*  
2021 April 21 ..... Page 3

These expenditures will be included in the 2021-2025 Annual Financial Plan and sufficient Capital Reserve Funds are available to finance the capital projects outlined in this report.

## **RECOMMENDATION**

It is recommended that the Financial Management Committee recommend Council authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$2,450,000 to finance the projects outlined in this report.



Dipak Dattani  
DIRECTOR CORPORATE SERVICES

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Copied to:     Acting City Manager  
                  Director Engineering  
                  Director Finance  
                  City Solicitor