

COUNCIL REPORT

TO: ACTING CITY MANAGER **DATE:** 2021 April 26

FROM: DIRECTOR ENGINEERING **FILE:** 37500-16

**SUBJECT: PARKING METER AND ELECTRIC VEHICLE CHARGING METER
BYLAW AMENDMENTS**

PURPOSE: To include additional public electric vehicle charging stations within the existing *Parking Meter and Electric Vehicle Charging Meter Bylaw*.

RECOMMENDATIONS:

1. **THAT** Council approve amendments to the *Parking Meter and Electric Vehicle Charging Meter Bylaw* to include additional electric vehicle charging stations as outlined in this report; and
2. **THAT** Council authorize the City Solicitor to bring forward amendments to the *Parking Meter and Electric Vehicle Charging Meter Bylaw* in accordance with Section 4.0 of this report.

REPORT**INTRODUCTION**

In 2019, several public electric vehicle (EV) charging stations were installed to support the uptake and use of EVs because they align with the City's sustainability plans (environmental, social and economic) and declaration of a climate emergency. On 2019 November 18, Council approved the *Parking Meter and Electric Vehicle Charging Meter Bylaw* to manage the use and enforcement of these public charging stations. With the recent installation of additional public EV charging stations, the Bylaw needs to be amended to include them.

POLICY SECTION

The provision of public EV charging stations is aligned with the City of Burnaby's Corporate Strategic Plan by supporting the following goals and sub-goals of the Plan.

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Goal

- A Connected Community
 - Geographic connection –
Ensure that people can move easily through all areas of Burnaby using any form of transportation
- A Healthy Community
 - Healthy environment –
Enhance our environmental health, resilience and sustainability
- An Dynamic Community
 - City facilities and infrastructure –
Build and maintain infrastructure that meets the needs of our growing community
- A Thriving Organization
 - Technology and innovation –
Support technology development and innovation to empower staff and to advance community objectives

BACKGROUND

In 2019, Level 2 public EV charging stations were installed at six locations. These were located at McGill Library, Edmonds Community Center, Burnaby City Hall, Riverway Golf Course, Central Park (tennis court parking lot), and Bill Copeland Sports Centre. These are operated and maintained by a third party contractor. Engineering Services manages the program with assistance from Public Safety & Community Services to monitor and enforce the use of the public EV charging parking spaces.

Since 2019, several new public EV charging stations have been installed throughout the City. They include Bob Prittie Metrotown Library, Bonsor Recreation Complex, Burnaby Lake Sports Complex West, and Deer Lake Avenue near Shadbolt Centre for the Arts. Upcoming installations include Macdonald Avenue south of Hastings Street, and Central Park Baseball Diamond Parking Lot. By the end of the year, a total of 36 public EV charging spaces will be available for use.

The current average utilization of all EV charging stations is relatively low with a maximum of 25% of capacity during the day. Utilization has been significantly impacted by the pandemic and this is also reflected in the City's on-street parking meters. The majority (75%) of users charge their vehicles for two hours or less. The more popular locations are at Bob Prittie Metrotown Library and Bonsor Recreation Complex.

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PROPOSED BYLAW AMENDMENTS

The *Parking Meter and Electric Vehicle Charging Meter Bylaw* currently contains the City's regulations and fees for parking meters and EV charging stations that have been installed in different parts of the City. With the recent and upcoming installation of new EV charging stations, the bylaw should be amended to include the new locations so that they can be regulated similarly. To achieve this it is recommended that provisions in Schedule B of the *Parking Meter and Electric Vehicle Charging Meter Bylaw* be repealed and replaced with the following:

LOCATION	CIVIC ADDRESS
Bob Prittie Metrotown Public Library Parking Lot	6100 Willingdon Avenue, Burnaby, BC
Bonsor Recreation Complex Parking Lot	6550 Bonsor Avenue, Burnaby, BC
Bill Copeland Sports Centre Parking Lot	3676 Kensington Avenue, Burnaby, BC
Burnaby City Hall Complex Parking Lots	4949 Canada Way, Burnaby, BC, and 4276 Norland Avenue, Burnaby, BC
Burnaby Lake Sports Complex West Parking Lot	3677 Kensington Avenue, Burnaby, BC
Central Park, Baseball Diamond Parking Lot	3883 Imperial Street, Burnaby, BC
Central Park, Tennis Court Parking Lot	3883 Imperial Street, Burnaby, BC
Deer Lake Avenue east of Century Park Way (adjacent to Shadbolt Centre for the Arts)	6400 Block Deer Lake Avenue, Burnaby, BC
Edmonds Community Centre Parking Lot	7433 Edmonds Street, Burnaby, BC
Humphries Avenue at Vista Crescent (adjacent to Edmonds Park)	7100 Block Humphries Avenue, Burnaby, BC
Macdonald Avenue south of Hastings Street	400 Block Macdonald Avenue, Burnaby, BC
McGill Public Library Parking Lot	4595 Albert Street, Burnaby, BC
Riverway Golf Course Parking Lot	9001 Bill Fox Way, Burnaby, BC

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CONCLUSION

New public EV charging stations have been installed in the past year and additional installations are anticipated this year. To regulate and manage the use of these new EV charging stations similar to the existing stations, amendments to the *Parking Meter and Electric Vehicle Charging Meter Bylaw* are required. Therefore it is recommended that the City Solicitor bring forward the necessary amendments to the *Parking Meter and Electric Vehicle Charging Meter Bylaw* as outlined in Section 4.0 of this report.



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DIRECTOR ENGINEERING

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Copied to: Director Corporate Services
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