

Committee(s)	Dated:
Residents Consultation Committee – For comment Barbican Residential Committee – For decision	05 June 2023 19 June 2023
Subject: Barbican Estate Residents Electric Vehicle Charging	Public
Which outcomes in the City Corporation’s Corporate Plan does this proposal aim to impact directly?	1, 4 and 11
Does this proposal require extra revenue and/or capital spending?	N
If so, how much?	£
What is the source of Funding?	
Has this Funding Source been agreed with the Chamberlain’s Department?	
Report of: Judith Finlay, Executive Director of Community and Children's Services	For Decision
Report author: Barry Ashton, Estates Services Manager	

Summary

The report provides an update on the provision of Electric Vehicle Charging Points (EVCP) across the Barbican Estate Car Parks following their introduction in 2018.

This report is also for decision, regarding the increase in electricity fees provided to users of the EVCP at the Barbican Estate.

Recommendation(s)

The Barbican Residential Committee (BRC) is asked to endorse the following recommendations:

1. From September 2023 EVCP users to be charged £0.73 per kWh of for the electricity they use, incorporating the EVCP maintenance costs and electricity standing charges into that usage fee;
2. Officers to pursue additional funding for the possibility of further EVCP’s across the Barbican Estate Car Parks;
3. The re-introduction of a resident and officer Electrical Vehicle Working Party (EVWP), via the RCC to assist in a potential Infrastructure funding project and report back to this committee.

Main Report

Background

4. In 2016, a Working Party was established by the BRC. This was to look to pilot the introduction of EVCP's across the Estate.
5. In 2018, a pilot of charging points for 30 EVCP bays (Phase 1) were installed in five car parks on the Barbican Estate (Breton, Bunyan, Cromwell Tower, Thomas More and Willoughby). The Low Emission Neighbourhood scheme funded an initiative for the electrical infrastructure, charge points and pilot study which included free electric charging for users.
6. This funding ceased in April 2019 and a charging policy was agreed for current users, but further work was required on the long-term proposals for an extension of EVCP on the Barbican Estate.
7. In 2020 the BEO contacted a number of different grant schemes including the Office for Low Emission Vehicles to ascertain the viability of securing additional funding via the On-Street Residential Chargepoint Scheme for the provision of additional EVCP on the Barbican Estate (Phase 2). It was confirmed that funding for our application was accepted, for off-street underground car parks.
8. Following a number of on-site inspections by the potential provider of the scheme, the electrical infrastructure with a further 32 EVCPs was installed into the remaining Barbican Car Parks (Andrewes, Defoe, Lauderdale and Speed as Phase 2) in the summer of 2021.
9. The installation of the current 62 EVCP's on the Estate, the pilot and the associated costs including the electrical infrastructure has been totally funded through these grants, with no charge to residents or the Car Park Account.
10. In June 2021 the BRC approved the EVCP Working Party proposal that EVCP users are directly billed £0.16 per kW by BP Chargemaster for the electricity they use and the standing charges for electricity per car park location.

Current Position

11. EV users currently pay £0.16 per kW, however the billed cost to the BEO is currently £0.4036 per kW and the average daily standing charge is £1.11 per site per day.
12. The current shortfall is funded from the Car Park Account (City Fund).
13. The maintenance contract with BP Pulse is currently £7,200 per annum to cover all sites and with no call out charges. Officers were able to reduce this contract from its original cost of £15,500 in its initial first year.

14. Reliability and connectivity for EVCP users continues to be closely monitored by officers. The BEO invested in the above maintenance contract and WiFi facilities into car parking areas with lower signal reception.
15. The Government has launched a consultation and funding opportunity for local authorities in capital funding under the UK Government's Local Electric Vehicle Infrastructure (LEVI) Fund. The BE's distribution boards are currently at capacity and an estimated minimum of £1m could be needed if further charging points are required in the future.
16. The LEVI Fund will help local authorities in England significantly scale up the delivery of local chargepoints, enabling more residents, to switch to EVs. As a critical enabler, capability funding will ensure local authorities have dedicated staff to undertake the planning and delivery of charging infrastructure, while capital funding will support charge point purchase and installation costs.

Options

17. The costs of electricity must be met by the user only, however there are two possible solutions listed regarding the EVCP electricity fees:
 - a) Incorporate the EVCP maintenance costs and electricity standing charges into the usage fee and from September 2023, EV Users to be charged £0.73 per kW via BP Pulse (formerly BP Chargemaster, the provider) and subject to review again in 2024;
 - b) From September 2023, EVCP users to be charged at the domestic cost of £0.41 per kW via BP Pulse, adding any maintenance costs to the general Car Park Account and subject to review again in 2024;

Proposals

18. That the Barbican Residential Committee approve the following:
 - a) From September 2023 EVCP users to be charged £0.73 per kWh of for the electricity they use, incorporating the EVCP maintenance costs and electricity standing charges into that usage fee;
 - b) Officers to pursue alternative funding schemes for the possibility of further EV Charging points across the Barbican Estate Car Parks;
 - c) The re-introduction of a resident and officer Electrical Vehicle Working Party (EVWP), via the RCC to assist in the potential (LEVI) Infrastructure funding project and report back to this committee.

Conclusions (FOR CONSIDERATION BY THE BRC)

19. The Barbican is proud to be the only Multi Residential Estate to provide Electric Vehicle Charging in the UK and this project continues to be extremely successful, due to the collative joint working between residents and officers.

20. It is unfortunate to increase the costs to residents, however the costs of the electricity must be met by the user.

Appendices

None

Background Papers

- Electric Vehicle Charging Update - June 2021
- Barbican Estate Residents Electric Vehicle Charging Policy – March 2019
- Barbican Estate Residents Electric Vehicle Charging Infrastructure - January 2019
- Electric Vehicle Charging Points Pilot Project - June 2017

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