

## **ECONOMIC DEVELOPMENT COMMITTEE**

**20 NOVEMBER 2019**

### **EV CHARGEPOINT – ADDITIONAL SITES**

#### **1.0 Purpose of Report**

1.1 The purpose of this report is to update Members on the progress made with the EV charge points, which have been promoted by Highways England (HE) and BP Chargemaster (BPCM).

#### **2.0 Background Information**

2.1 HE is committed to helping improve the nation's air quality and aims to ensure 95% of its motorways and major A roads are within 20 miles of a charge point to ease range anxiety obstacles and provide reassurance that an effective infrastructure is being invested in.

2.2 BPCM has been appointed by HE to develop, install and operate a network of rapid electric vehicle charge points near to the Strategic Road Network (SRN) on their behalf. There is a document outlining this included at **Appendix A**. These chargepoints are supplied at no cost to the District Council, as part of this strategy.

2.3 This Report focusses on what I have terms 'phase one', that is the phase that HE and BPCM will implement, in consultation with the District Council. These chargepoints are supplied at no cost to the Council. There is potential for a 'phase two' whereby further charge points can be considered. Any second phase would likely require direct District Council investment (beyond provision of the land upon which they could be sited). Any investment could be offset by implementing a profit share or a licence fee with the supplier/operator, albeit this is a detail for further reporting and debate in due course as part of the Council's own energy, climate change, and likely town centres agendas.

#### **3.0 Proposals**

##### **3.1 Phase One**

Asset Management & Parking Services, in consultation with BPCM, have agreed the most suitable sites for an initial chargepoint deployment. Car park usage profile and this has been matched to the most suitable charge point type. This is summarised as follows –

<b>New EV Charge Points for Newark 2019</b>	<b>EV Chargepoint Type</b>	<b>Charging information</b>	<b>Number of EV Charge Stations</b>	<b>Maximum number EV's Chargeable at any one time</b>	<b>Planned date available for Public Use</b>
Riverside Car Park	Chargemaster Fastcharge 15KVA	Fully charge in as little as 3 hours for most cars	4	8	By 30.11.19
Appletongate Car Park	Chargemaster Ultracharge 53KVA	Charges most vehicles up to 80% in 30 minutes	1	2	By 30.11.19
Castle House 1 Car Park	Chargemaster Fastcharge 15KVA	Fully charge in as little as 3 hours for most cars	2	4	By 30.11.19

3.2 The chargepoints are provided by BPCM for a 10 year term with an additional 3 year optional term. The chargepoints remain the property of BPCM and they return to BPCM at the end of the term. BPCM manage all maintenance and repair, promotion, data and usage reports. BPCM may also update the chargepoints with improved models at their discretion.

### 3.3 **Phase 2**

Securing the phase one chargepoints, via negotiation with BPCM represents a positive step towards catering for EV charging. Newark is well serviced by the strategic road network and the provision of charging points by a national provider will place Newark 'on the map' when users are seeking charging points.

3.4 There remains an ambition to consider a wider roll-out of EV charging points where appropriate and feasible. For Members awareness Officers have also recently put both Southwell Town and Edwinstowe Parish Council's in touch with BPCM as possible providers. Southwell, Sherwood, and Newark are all visitor destinations, collectively and in their own right (as the presentation on this evening's agenda makes clear). We also have a number of Council-owned commercial premises where Officers can consider EV charging. This includes (but is not limited to) The Beacon, Newark Town Wharf, and our Sports and Fitness Centres.

3.5 It is proposed that feasibility work around any expansion and costs associated with a next phase of EV charging points be brought back to this Committee. Such proposals would need to reflect on the Climate Change and Town Centres agendas.

## 4.0 **Equalities Implications**

4.1 Equalities impact assessments will be completed as appropriate for the activities and actions mentioned within this report.

## 5.0 **Financial Implications (FIN19-20/2780)**

5.1 Installing 7 charge points in 4 of the Council car parks will not cost the Council in installation or maintenance, but it will mean that if a chargeable car is not using those spaces on the days that the car parks are at capacity (Two – Three days per week), there is potential for lost revenue of between £2,400 and £3,000 in the first year, but as more electric cars are purchased and the car park spaces are properly utilised, the lost revenue will reduce.

5.2 The usage of the charge points installed in phase 1 would build on the information the Council holds in terms of a case demonstrating the need for the Council to invest in phase 2.

5.3 Should a decision be made to progress to phase 2, a business case would need to be considered by this committee, prior to Policy & Finance Committee before it could be added to the Capital Programme.

## **6.0 Community Plan – Alignment to Objectives**

6.1 This project compliments and targets several key aspects of the Community Plan. Principally it assists in enhancing the district's natural environment by promoting greener transport solutions and assisting in reducing airborne pollution from fossil fuel engines. There is also a strong health and wellbeing benefit.

## **7.0 Comments of Director(s)**

7.1 I welcome the addition of EV charging points linked to the strategic road network. This new provision will allow EV drivers an opportunity to recharge, whilst allowing them to explore and stay whilst here. A phase 2 project makes sense and this will be developed and costed as part of ongoing feasibility work with a view to being presented to this Committee in 2020.

## **8.0 RECOMMENDATIONS that:**

- (a) Members note the report and confirm acceptance to the Phase 1 free issue chargepoints provided by BPCM as part of Highways England initiative; and**
- (b) a further progress report to be provided to the Committee in June 2020.**

## **Reason for Recommendations**

**Ongoing reporting of sustainable community measure.**

## **Background Papers**

Nil

For further information please contact Steven Syddall/Brian Rawlinson on ext. 5385/5835

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18<sup>th</sup> September 2019

To Whom It May Concern

**Support Letter for the Provision of Rapid Electric Vehicle Charge Points by BP Chargemaster (BPCM) for Highways England**

I wish to confirm that BPCM have been appointed by Highways England to develop, install and operate a network of rapid electric vehicle charge points near to the Strategic Road Network (SRN) on Highways England's behalf.

I would be most grateful if you can give BPCM every help and support in developing this network.

Highways England is committed to helping improve the nation's air quality and aims to ensure 95% of its motorways and major A roads are within 20 miles of a charge point.

To develop this network, Highways England with the support of BPCM are seeking suitable sites on which electric vehicle charging points can be located and operated, with a view to having these sites operational by Winter 2019.

Supporting our aims of reducing carbon, improving air quality and providing facilities to support the growing number of electric vehicle users get back on their journeys, the charging facilities, located just off England's motorways and major A roads, will help them make longer journeys and reduce the anxiety of potentially running out of power.

If you have any questions or require any further information, please do not hesitate to contact me.

Yours sincerely

A handwritten signature in black ink, appearing to read "B. Cull".

Brian Cull  
Programme Manager, Environment Designated (Carbon) Fund