

Subject: Provision of Rapid Vehicle Electric Charge Points

Report to: Economic Development Committee 3rd April 2018

Report by: Miranda Lee Head of Customer Services

SUBJECT MATTER/RECOMMENDATIONS

This is a briefing report to update Members in relation to the opportunity and progress to date for the provision of Rapid Vehicle Charge Point within Great Yarmouth.

RECOMMENDATIONS

Members are asked to endorse the Executive Leadership Teams decision to progress with the project for the provision of a Rapid Vehicle Charging Point to be located on Fullers Hill Car Park

1. INTRODUCTION

- 1.1 In 2017 Great Yarmouth Borough Council was invited to join a consortium of Local Authorities in the Eastern Region to bid for funding from a new grant introduced by Highways England for the provision of Rapid Electric Vehicle Charge Points forming part of the Highways aim under the Road Investment Strategy 2015/16 – 2019/20 Road Period.
- 1.2 The Management & Executive Leadership Team granted permission to join the consortium on the 7th August 2017. A further report on the 21st February 2018 gave an update on the consortiums Eastern Region bid for funding and the decision was made to proceed with the recommended location of Fullers Hill Car Park.

2. BACKGROUND

- 2.1 Under the Highways England strategy there is an aim of ensuring that 95% of the strategic road network will have a charging point ever 20 miles. Wherever possible these will be rapid charging points that can charge a battery powered electric vehicle to 80% power in under 30 minutes.

This is intended to support the uptake of electric vehicles and their use with the overall effect of reductions in carbon emissions from vehicles on our roads. Specifically new charge points will;

- Expand the public charging infrastructure available to users on our road networks
- Alleviate range anxiety by giving electric vehicle users confidence that public charging points exist at regular intervals across the whole of the strategic road network
- Benefit the communities in which new charge points are available providing additional quick recharging facility for local electric vehicle users

3. **BUSINESS OPPORTUNITY**

3.1 Each charge point which could be funded by the Highways England Grant for the Provision of Rapid Electric Vehicle charge Points must be located so that it fills the gaps highlighted in the existing provision of rapid charge points in proximity to the strategic road network. Please refer to **Appendix A** which shows the current gap in electric charging point provision on England's strategic Road Network.

3.2 The Management Team/ELT agreed for Great Yarmouth to join in the eastern region project to bid for this funding with the following other local authorities throughout Norfolk and Suffolk being led by Babergh & Mid Suffolk Council;

- St Edmundsbury & Forest Heath Council
- Norwich City Council
- Breckland Council
- Suffolk Coastal Council
- Ipswich Council
- Tendering Council

The initial bid and project was led and managed by Babergh & Mid Suffolk Council with the participating councils supporting, please refer to the Rapid Electric Vehicle Charge Points Partnership Agreement at **Appendix B**.

3.3 The agreement was to come into force once the partnerships grant application to Highways England for the provision of Rapid Electric Vehicle Charge Point programme is successful and the partnership accepts the offer of a development grant.

It has now been confirmed that the consortiums partnership bid has been approved.

Next Steps

A mini tender within an existing framework will now commence along with requests along with requests for formal quotes from the UK Power Networks for the implementation of the charge points in the selected locations. Once all costs are in Highways England will review and formally agree go ahead.

Installations could commence in the spring 2018 completing through the summer period.

Advice on whether there are any Planning considerations needs to be undertaken.

3.4 Criteria for site locating charge points

Fullers Hill Car Park was selected as the most ideal location in Great Yarmouth. This was based on the following criteria issued by Highways England.

Highways England has outlined the following criteria;

- 1) Charge points shall be located in a place which fills a gap in the existing provision of rapid charge points in the most efficient way whilst recognising the customer needs that:
 - a) No more than 2.5 miles of driving distance from the Strategic Road Network
 - b) Which is accessible to the public and the operator and maintainer of the charge point at all times
 - c) Where patronage from both Strategic Road Network and local users is likely to be maximised because of readily available access to and from road network and
 - I. Within the presence of other amenities (e.g., retail outlets; cafés or restaurants; tourist or leisure attractions, public toilets) which offer

electric vehicle users the opportunity to undertake another activity whilst recharging is taking place;

- II. users' perceptions of safety and security because of, for example, well-maintained surroundings; low crime rates for the area or type of location; regular throughput of people or vehicles, night-time lighting and CCTV surveillance;
- III. restrictions can be put in place to limit parking in the bay(s) associated with a charge point to those recharging an electric vehicle; and
- IV. signs can be provided to clearly identify the charge point location; and
- V. where sufficient electricity supply and telecommunications services connections are available at a reasonable cost

The funding will cover one electric charging point with the ability to charge two vehicles at any one time.

Please refer to **Appendix C** for the primary location (1) for the charging point on Fuller Hill Car Park.

4. **FINANCIAL IMPLICATIONS**

- 4.1 It is anticipated the funding will be sufficient to cover the implementation costs for Great Yarmouth Borough Council.
- 4.2 As an additional revenue stream for the council, we are able to charge up to 120% of the actual electric fee per charge per vehicle use. Typically the electricity cost for a rapid recharge is approximately £3.00 with national fees charging around £6.00 to £6.60 per use. The fee is calculated on the actual kW used so could vary on the actual charge of the vehicle before charging. The fee charged will help to cover the ongoing maintenance costs and related rates which may apply as well as providing an additional income stream for the council
- 4.3 As more environmentally friendly vehicles become more popular, Great Yarmouth have an opportunity to provide additional charge points to cater for future needs.

5. **RISK IMPLICATIONS**

- 5.1 This is one off funding for the implementation of a rapid recharge point within the town. The ongoing administration and maintenance would be incorporated into the existing Parking Services Team. The resource required for this should be within current capacity and any maintenance should be more than covered by the income generated.

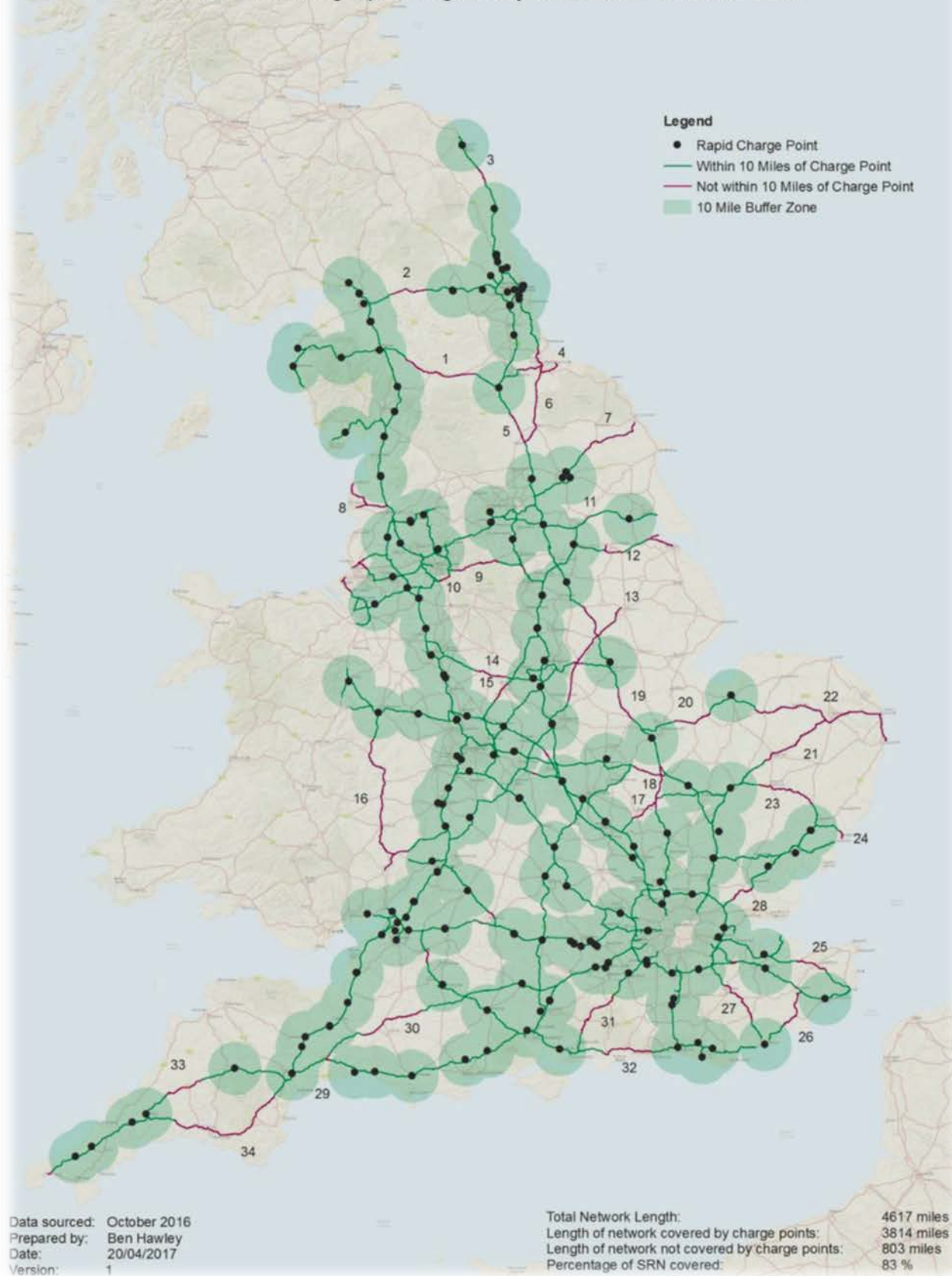
6. RECOMMENDATIONS

- 6.1 Members are asked to endorse the next steps in provision of a rapid recharge point within the Fullers Hill Car Park as outlined in Section 3.3 of this report.
- 6.2 Members are asked to note that a further report will follow with updates and recommendations as to the fee Great Yarmouth Borough Council will charge for the provision of this new service.

Areas of consideration: e.g. does this report raise any of the following issues and if so how have these been considered/mitigated against?

Area for consideration	Comment
Monitoring Officer Consultation:	
Section 151 Officer Consultation:	Yes
Existing Council Policies:	Yes
Financial Implications:	Yes as outlined
Legal Implications (including human rights):	Yes
Risk Implications:	Minimal
Equality Issues/EQIA assessment:	
Crime & Disorder:	
Every Child Matters:	

Analysis of gaps in electric vehicle charging point provision on England's strategic road network considering rapid chargers only on an 'as the crow flies' basis



Rapid Electric Vehicle Charge Points

Partnership Agreement

1. Introduction

- 1.1 This partnership agreement sets out how *The Rapid Electric Vehicle Charge Points* project will be managed during its development and installation phase. Post installation the operation phase will be the sole responsibility of each participant. The agreement will come into force if and only if the partnership's grant application to Highways England (HE) for the provision of Rapid Electric Vehicle Charge Point programme is successful and the partnership accepts an offer of a development grant from HE.
- 1.2 The parties are entering into this relationship solely for the purpose of the project. The parties are not a partnership for the purpose of the Partnership Act 1890 and accordingly do not have any authority either express or implied to bind the other parties.
- 1.3 The project will be conducted as per the HE grant documentation. The purpose of this agreement is to streamline the process, install charge points as soon as possible and where possible achieve reduced costs.

2. Lead Organisation

- 2.1 Babergh Mid Suffolk Council hereinafter referred to as (BMSC) will be the lead organisation for the project during its development and installation phase.
 - 2.1.1 All grant aid will be reclaimed by BMSC for expenditure on the project. BMSC will ensure that any monies are held and accounted for correctly and in accordance with any conditions set by the provider of the grant money.
 - 2.1.2 All expenditure on the projects will be made by BMSC in accordance with its usual standing orders and Financial Regulations.
 - 2.1.3 All work undertaken under this project will be subject to BMSC's standing orders and procedures relating to contracts and will comply with the requirements of funders.
- 2.2 The parties acknowledge that the lead organisation agrees to be responsible for the delivery of the project in accordance with the terms and conditions. Each party agrees;
 - 2.2.1 to abide by the terms of this partnership agreement and the terms and conditions in relations to the project and the use of the grant;
 - 2.2.2 to comply with any and all reasonable requirements of BMSC relating to the project, the use of the grant, monitoring and reporting requirements, record keeping and access to information;
 - 2.2.3 to only use the monies received from BMSC for the purpose of the project and not to use the monies for any spending commitments made before the date of the grant agreement;
 - 2.2.4 that the parties who receive monies through the grant shall be jointly and severally liable for the repayment of the grant in the event that the HE seeks to recover part or all of the grant; and
 - 2.2.5 to comply with any and all additional requirements which the HE may impose upon BMSC.

3. Project Management

3.1 The project will be managed by BMSC and supported by the members outlined below. The initial members of the group will be

- St Edmundsbury Borough Council/Forest Heath District Council
- Great Yarmouth Borough Council
- Norwich City Council
- Breckland District Council
- Suffolk Coastal District Council
- Ipswich Borough Council
- Tendring District Council

3.2 The Group can appoint additional members where it considers that such additions would add value to the development of the project. Additional members will be admitted to the group on the voting basis as established in section 3.3. of this agreement.

3.3 The Group will be chaired by BMSC. Where possible, decision making will be undertaken on a consensual basis. Where this isn't possible, members will vote (one vote per partner organisation) and decisions will be taken on a simple majority basis. Where there is no simple majority, BMSC will cast a deciding vote.

BMSC will undertake to

1. Provide project lead and administrative support to the project on behalf of the undersigned group of authorities.
2. Draft the grant application to Highways England for the appropriate number of charge points on behalf of the authorities in this agreement
3. Be the single point of contact for Highways England with respect to the project.
4. Liaise with each authority to find suitable locations for charge points
5. Undertake investigations with UK Power Networks as to the suitability of the charge point locations
6. Project manage the procurement, installation of the charging units and associated infrastructure with support from each authority member.
7. Recover monies from Highways England for the equipment and officer time as appropriate as set down in the Terms and Conditions of the grant application.
8. Transfer ownership of the installed charge point(s) to the host authority free of charge at the end of the programme.

Members of the agreement will be required to

1. Be proactively involved in the whole process engaging in teleconferences, provision of information in a timely manner and enabling the smooth delivery of the project.
2. Provide multiple location options for potential charge point sites (if required)

3. Ensure that all planning permissions and authorisations (if required) are obtained.
4. Provide two points of contact within their organisation who can arrange any and all necessary works and permissions to aid this process
5. Respond with priority and urgency to requests from BMSC or connected partners in order to achieve the timescales required by funders (the anticipation is that responses will be required within days rather than weeks due to the tight timescales of the grant conditions).
6. Attend site to supervise and survey as required to the standard required of the project
7. Once ownership of the charge point has transferred to the host authority they will then assume responsibility for all aspects of the charge point once in place.

BMSC do not intend to attend sites outside of its area. It has been determined that partners are best placed to visit site due to closer proximity and local knowledge.

Should participants not provide support and information in a timely manner BMSCDC reserve the right to withdraw support, the participant will no longer be part of this agreement and grant funds received to date may be liable to recovery.

4. Declaration

I confirm, on behalf of my organisation, that:

- We agree to the general terms and conditions of the HE Grant for the provision of Rapid Electric Vehicle Charge Points programme
- We agree to the terms of this partnership as set out above
- We support the grant application submitted by BMSC on behalf of the partnership
- We understand that a proportion of the grant figures in the Highways England documentation will be allocated to BMSC for their role as project managers.
- We understand we will receive a fixed sum grant for our officer time. (Amount to be confirmed once the number of participants is known)

Name	Position	Organisation	Signature	Date
Iain Farquharson	Senior Environmental Management Officer	Babergh Mid Suffolk Council		
Matthew Axton		West Suffolk Council		

Stephen Cornell		Great Yarmouth Borough Council		
Richard Wilson		Norwich City Council		
Zandra Waterford		Breckland District Council		
Deborah Wargate		Suffolk Coastal District Council		
Gary Rutter		Ipswich Borough Council		
Andy Rutson- Edwards		Tendring District Council		

