

Ward Councillor Briefing Paper: Electric Vehicle Charging Point Installation. 6 February 2020

- SMBC officers are currently managing two projects related to electric vehicle charging infrastructure, targeting installations at 23 provisionally identified sites by summer 2020, with a further 25 potential sites identified for future installation.
- On-street Residential Charging Scheme (ORCS)
 - SMBC have applied for grant funding to central government under the ORCS fund in order to install charging points at 17 provisionally identified sites throughout the borough. Locations are provided at **Appendix A**. All sites have been identified in consultation with Highways Services. Site selection criteria are provided within Appendix A.
 - ORCS provides 75% of capital costs, which is projected to total £93,000. The remaining 25%, projected to be £31,000, will be provided for by SMBC. This approach provides SMBC maximum control of both charge point location and energy pricing, as well as providing SMBC with a future revenue stream as electric vehicle uptake increases. All elements of the chargepoints and underground infrastructure will be owned by SMBC.
 - Confirmation of grant funding in principle is expected February 2020.
 - SMBC will tender for a charge point installation partner who will deliver all civil works, installation and on-going management and maintenance
- Virgin
 - Virgin Media have grant funding through Innovate UK to trial the installation of electric vehicle chargepoints using power from their roadside cabinet infrastructure
 - The project is fully funded, therefore at zero cost to SMBC. Virgin and their private sector consortium will own all elements of the chargepoints and associated underground infrastructure, with a revenue share (still to be determined) to be provided to SMBC.
 - The project will be delivered in two tranches. The first tranche includes six provisionally identified sites, details provided at **Appendix B**. A second tranche is still under first stage review, however sites provided to Virgin are provided at **Appendix C** for reference.
 - Site selection criteria are in line with that of ORCS, provided within Appendix A.
- Installation
 - Installation at all provisionally identified charge point locations will be subject to lead member, ward councillor and resident support, as well as confirmation of feasibility from Western Power Distribution (WPD), with whom initial engagement has been made but detailed site surveys are yet to take place, therefore exact locations may be subject to change.
 - In addition, installation of Virgin sites is subject to SMBC officers being content with contractual terms offered, currently subject to negotiation.
 - Residents within the vicinity of all proposed sites will be engaged with and formally consulted through a Traffic Regulations Order.
- Existing charge point infrastructure
 - Through the ORCS tender it is intended that the nine chargepoints installed under the Cenex project within North Solihull will be re-commissioned and made available for use.
- Timeline
 - A high-level timeline is provided at **Appendix D**.
- Further information & Feedback
 - A briefing meeting for councillors has been arranged for Thursday 13th February from 5 - 6pm at the council house, please contact James Lias (james.lias@solihull.gov.uk / 0121 704 6033) to confirm attendance. Alternatively, for further information; feedback on provisional sites; proposals for further / alternative sites, please contact James on the details above.

Appendix A: Identified ORCS installation sites

SiteNo	Address	Ward	Target	Bays
ORCS 1	Wharf Lane, B91 2LE	Silhill	May-20	2
ORCS 2	Birmingham Runner, Stratford Road service road, B90 2DT	Shirley East	May-20	2
ORCS 3	Olton Rd to Jacey Rd Service Rd, Stratford Road, B90 3ND	Shirley East	May-20	2
ORCS 4	Old Station Road, Hampton in Arden, B92 0BS	Bickenhill	May-20	2
ORCS 5	Cornwood Lane, Dickens Heath, B90 1TB	Blythe	May-20	2
ORCS 6	Swanswell Road, Olton, B27 7AL	Olton	May-20	2
ORCS 7	Nandos, Stratford Road service road, B90 3AQ	Shirley East	May-20	2
ORCS 8	Shipways, Stratford Road service road, B90 3AG	Shirley East	May-20	2
ORCS 9	Masons Way, Olton, BG92 7JE	Olton	May-20	2
ORCS 10	Dovetree Court, Stratford Road service road, B90 3AR	Shirley East	May-20	2
ORCS 11	Mockley Wood Road, Knowle, B93 9NF	Knowle	May-20	2
ORCS 12	Early Years, Stratford Road service road, B90 4AA	Shirley South	May-20	2
ORCS 13	Henleydale Court, Stratford Road, B90 4AT	Shirley South	May-20	2
ORCS 14	2 Forest Road, Dorridge, B93 8HA	Dorridge and Hockley Heath	May-20	2
ORCS 15	3 Station Approach, Dorridge	Dorridge and Hockley Heath	May-20	2
ORCS 16	298 Haslucks Green Road, Shirley	Shirley South	May-20	2
ORCS 17	Falstaff Road, Stratford Rd end	Shirley South	May-20	2

Site Selection criteria:

The grant fund requires:

- Sites to be in areas with residential populations
- Sites with limited / no residential off-street parking (i.e. private drives)
- Areas of current / predicted electric vehicle charging demand
- Areas with sufficient road / path space for safe and appropriate infrastructure installation

Where possible SMBC Officers have targeted 'hybrid' residential and commercial locations to maximise visibility and use.

Appendix B: Identified Virgin Tranche 1 Sites

SiteNo	Address	Ward	Target	Bays
Soli-L05	109 Mason Way	Olton	May-20	2
Soli-L08	57 Woodloes Road	Shirley South	May-20	2
Soli-L01	St Johns Close	Knowle	May-20	2
Soli-L22	27 Hawkesford Close	Castle Bromwich	May-20	2
Soli-L12	74 Arlescote Road	Elmdon	May-20	2
Soli-L17	2 Kenilworth Road	Knowle	May-20	2

Appendix C: Identified Virgin Tranche 2 Sites

SiteNo	Address	Ward	Target	Bays
C1	Pailton Road, Shirley	Shirley East	TBC	2
C4	Dorsington Road, Olton	Olton	TBC	2
C5	Warwick Grove, Olton	Olton	TBC	2
C7	Trinity Close, Lyndon	Lyndon	TBC	2
C8	Redlands Close,	Silhill	TBC	2
C9	Freasley Close, Shirley	Shirley East	TBC	2
C10	Bellamy Farm Road, Shirley	Shirley South	TBC	2
C11	Elizabeth Grove, Shirley	Shirley East	TBC	2
C12	Harwood Grove, Shirley	Shirley South	TBC	2
C13	Sandfield Close, Shirley	Shirley South	TBC	2
C14	Griffin Lane, Dickens Heath	Blythe	TBC	2
C16	Orchard Road, Hockley Heath	Dorridge and Hockley Heath	TBC	2
C17	Hazel Grove, Hockley Heath	Dorridge and Hockley Heath	TBC	2
C18	Glenwood Drive, Cheswick Green	Blythe	TBC	2
C19	Peel Close, Hampton-in-Arden	Bickenhill	TBC	2
C21	Stourton Close, Knowle	Knowle	TBC	2
C22	Dassett Way + Clifford Road, Bentley Heath	Dorridge and Hockley Heath	TBC	2
C23	Hay Lane, Stratford Rd end	Blythe	TBC	2
C24	Bathstore, Stratford Road service road	Shirley West	TBC	2
C25	Shirley Spice, Stratford Road service road	Shirley East	TBC	2
C26	Drinks Boss, Stratford Road service road	Shirley West	TBC	2
C27	Red Lion Square, Stratford Road service road	Shirley East	TBC	2
C28	Max Spielman, Stratford Road service road	Shirley East	TBC	2
C29	2 Solihull Road, Hampton-in-Arden	Bickenhill	TBC	2
C30	Parkfield Drive Car Park, Castle Bromwich	Castle Bromwich	TBC	4

Appendix D: High-Level Timeline

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