

Comments on EV Charge Point Installation Guide:

The following comments have been received on the guide following OREF's publication (24th July) and also Liam McArthur's office's follow to Scottish Chief Executives.

Scottish Borders; Service Director Assets and Infrastructure. Martin Joyce

The document...is an excellent guide and will be referred to for new sites in the Scottish borders.

South Ayrshire; Executive Director – Economy, Neighbourhood and Environment. Lesley Bloomer

The excellent design guide will help inform how we decide to take matters forward.

Clackmannanshire; Roads and Transportation. Alan Murray

I have read through the guide and will use it as a useful checklist when we are looking at the feasibility, design, implementation and maintenance of EV charging points. The document is comprehensive and will be a useful aid to my officers.

Renfrewshire; Chief Exec Sandra Black

We are aware of the document and it has been a useful guidance tool and to compare with activities being taken forward in Renfrewshire, which is how we have used it to date.....

Aberdeen City; City Centre Director. Marc Cole

....I welcome any further information that you can give us regarding best practice.....

Morray; Head of direct services. Stephen Cooper

The work of OREF will certainly be of interest to us.....

North Ayrshire; Chief Executive. Elma Murray

The (guide) prepared by OREF provides useful information and a common sense approach....

Perth and Kinross; Interim head of Planning and Development. Nick Brian

.... Good work of OREF in relation to EVs. The Good practice guide... provides useful information and a common sense approach to the siting and layoutThe guide... provides an excellent resource to assist with (the process of installing charge points) and highlights some important issues to be considered.

West Lothian; Head of Operational Services. Jim Jack

The (guide) is a very useful document which provides important information on the key stages... The (guide) will be used as a reference document during the installation.... (There

are) however some areas of good practice in the guide which have not been considered and (we) would be keen to take them on board for any future installations.

Fife; Senior Manager. Soma Raviraj

The guide is very informative and aids any new EV charging network owner what to consider when installing new charging units and showing both pros and cons.

Orkney; Chief Executive. Alistair Buchan.

The guide.... has proven to be a useful document when considering the siting of new EV infrastructure...Any efforts OREF can apply to (securing support/budgets) would be very helpful.

Councils that also contributed ideas to further editions:

South Lanarkshire; Chief Executive, Lindsay Freeland.

- Propose 32A charge cable rather than 16A
- Enforcement to be displayed at each bay
- Guide does not mention CYC
- Long term revenue support?

Fife; Snr Mrg Roads, Passenger Transport & Fleet, Soma Raviraj

- Have produced a 'how to charge' guide. *(Check for ideas)*

West Lothian; Head of operational services – Jim Jack

- Need for dedicated metered supplies for each point.
- Details of the engagement needed with the DNO and likely timescales.
- Guidance on how EV spaces can become re-classified so fines can be levied for misuse
- The potential tax implications of providing free charging for employees.

Angus; Chief Executive – Richard Stiff

- Concerns as to providing free electricity long term and consequently are adding to council's carbon budget.
- Consider the strategic road network and possible use of point.
- Seek locations for other activities (café etc to generate value)
- CCTV/well lit sites needed.
- Public electricity supply essential
- Register cars with CYC to allow check ahead of availability
- Fixed penalty notice process needed
- Beware of users seeking to charge publically rather than at home.

UK Electric Vehicle Supply Equipment Association (UKEVSE); Robert Evans

Thank you for sending through your excellent guide. I see this as complimentary to the UKEVSE procurement guidance and particularly helpful because of the format, with

photographs showing what not to do.

I would welcome the opportunity to review with members regarding the questions you have raised about potential next steps.

Is also considering linking to OREF web-site for his members.

Other suggestions from EVAS members via website¹:

- Send guide to hotel chains
- Clusters of chargers rather than 22kW? Load sharing between chargers.
- Beware of barrier access preventing 24/7 access.
- Bring communications issues more to the fore.
- Clarify that multi-storeys are OK for destination charging, but not for 'en-route' charging due to lost time within a car park.
- Clarify/dejargonise 'duty and standby'
- Well lit points at night and in proximity to services/toilets. CCTV for safety and reduced vandalism.
- Petrol Stations would be suitable sites for RAPIDs
- Keep an eye on whether legacy 13A sockets are needed in future.
- Beware of RAPID chargers at big venues/concerts/fairs

The guide has also been picked up by The Association of Directors of Environment, Economy, Planning and Transport which used to be the Association of County Surveyors and is linked off their website to OREF <http://www.adeptnet.org.uk/groups/street-lighting-working-group> by Dave Johnson of Transport for London. Dave.Johnson@tfl.gov.uk

Overall the guide has been well received and a future edition should be considered in time for a suitable launch in 2017.

Neil Kermode

16th Oct 2016

¹ <http://www.eva-scotland.org/forum/viewtopic.php?f=3&t=883>