Electric Vehicles and Demand Response using OpenADR

Smart Charging and V2G Webinar Series

2\textsuperscript{nd} October 2019
Smart Charging and V2G Webinar Series

- **Aim:** Find out who is doing what on Electric Vehicle Charging Infrastructure.
- **Objective:** Collaborate in the development of a fit for purpose EV charging infrastructure.
- **UK Policy development (Consultation, Secondary legislation on smart charging)**

[Image of legislation.gov.uk]

**Open consultation**

**Electric vehicle smart charging**

Published 05 July 2019
Last updated 09 July 2019 — see all updates

*Department for Transport and Office for Low Emission Vehicles*

**Summary**

Proposals for regulations to ensure that electric vehicle chargepoints sold or installed in the UK have smart charging functionality included.

This consultation closes at 11:45pm on 7 October 2019

**Consultation description**

Consultation on proposals for electric vehicle chargepoint smart technology regulations. The proposed regulations would require that electric vehicle chargepoints sold or installed in the UK have smart charging functionality included.
Alan Turing Institute - Vehicle Grid Integration

- Apply and develop data science methods and tools to help in the transformation of electricity and transport infrastructure into sustainable and efficient infrastructure, while maintaining reliable operation.

- Contribute to open communication protocols for vehicle grid integration.
EV ecosystem for smart charging-communication protocols

- EV charging management strategies is key.
- Energy and mobility entities involved.
- Information and control objects exchange.
- Communication protocols provide a set of rules and guidelines to facilitate the communication and data exchange between two or more entities.
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https://www.turing.ac.uk/research/research-projects/vehicle-grid-integration

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Landing Page

https://www.ncl.ac.uk/cesi/events/webinars/v2gwebinars/

- Recordings and slides
- Details for future events
Today’s speakers

Rolf Bienert, Managing Director, OpenADR Alliance
Carl Besaw, Southern Californian Edison
Clay Collier, ChargePoint