

GO ELECTRIC

SUSTAINABLE TRANSPORT IN THE
PEAK DISTRICT

Low impact on the Environment

- Walking
- Bicycle
- Public Transport
- Electric Car

The Electric Car

- How much do we know
 - When can we benefit
- Is there a Grant available

Types of Vehicles

BEV : Battery Electric Vehicle

PHEV: Plug in Hybrid Electric Vehicle
(Powered by both)

HEV: Hybrid Electric Vehicle (Powered both
Petrol and Self generating Electric)

FCEV: Fuel Cell Electric Vehicle (Hydrogen
Powered)

Vehicles that require action

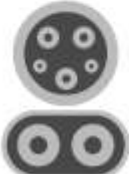
BEV

Battery Powered Vehicle

PHEV

PLUG IN hybrid Electric Vehicle

Charging Plugs

	N. America	Japan	EU and the rest of markets	China	All Markets except EU
AC	 J1772 (Type 1)	 J1772 (Type 1)	 Mennekes (Type 2)	 GB/T	
DC	 CCS1	 CHAdeMO	 CCS2	 GB/T	

FUNDING

A Grant of £350.00 per socket is available from OZEV The office for zero emissions vehicles
To apply for the workplace grant use the link below this will raise a voucher the installer requires this to claim the grant back

<https://www.apply-workplace-chargepoint-grant.service.gov.uk>

The home charger claim is submitted by the installer however you will require proof of a Electric Vehicle or written permission from your Company if the vehicle is a Company vehicle

Other funding may be available if the charger is part of a development to your business

TYPES OF CHARGERS

AC Chargers :These go up to 22kw to as little as 3.5kw, however in most domestic properties 7.3kw 32Amps is the maximum you could fit this will charge your vehicle from 4 to 6 hours (empty to full)

DC Chargers: These go up to 325kw to a low of 22kw however these all require a 3 phase supply and can recharge your vehicle in 15 minutes, these are normally found on motorway service areas or filling stations

Wallbox 22kw to 7.3kw



Easee Charger 22kw to 3.5kw



Types of Power Generation

- Grid Power through the normal Electricity supplier
- Solar Power supporting the normal Electricity supplier in some cases
- Wind Generation wind turbines
- Hydro Generation water turbines
- Fears the existing grid cant cope with demand
- Solar power works really well but in most cases the panels don't generate enough to charge a vehicle
- Wind generation is capable of generating enough power but complaints of the landscape being affected.
- Hydro has had a little consideration I believe its our best option

Any Questions

THANK YOU