

COMPARISON OF THE CHEAPER ELECTRIC VEHICLES

The following is an estimate of the costs involved. Detailed accurate information would take thorough research. Hopefully this will be some guide to a starting point:

Basic R.R.P.	Nissan Leaf Acenta 40 kWh £27,995	Renault Zoe 40 kWh £21,220 + Battery Rental
Mileage Range Claimed	235	250
Realistic Mileage	168	160

A second-hand Nissan Leaf 30kWh can be bought with around 10,000 miles on the clock for about £16,000. Published range 155 miles.

These mileage figures are very variable depending upon driving style, weather conditions and terrain covered.

I was given the following costs by a local Renault dealer for battery rental based on the purchase of a second-hand Zoe:

Annual mileage estimated at 4.5 K - £59.00 per month. Every additional 1.5k per annum + £10.00 per month OR unlimited mileage £110 per month - equating to £6,600 for a five year period.

Charging Times:

Home 13 amp plug	8 - 10 hours depending on battery size
Home Wall Charger	4 – 6 hours “ “ “ “
Public Chargers	30 minutes

FUEL COSTS:

These 2017 figures were accurate at the time of printing and show the 40 kw Zoe against the Renault Cleo. Tank/Battery Capacity: 45 litres/41 kwh.

<u>Cost/unit of fuel</u>	<u>Total Cost of fuelling/charging</u>	<u>Range (miles)</u>	<u>Cost/mile</u>
£1.19/12p	£53.55/£4.92	504/186	9.4p/2.6p

(Information provided by the Greengage Site)

Cost of Home Charging Units:

There are two rates of chargers: 3kw and 7 kw and the prices range from £270 through to £500. Some electricity suppliers offer beneficial overnight rates to EV drivers and home charging units which need to be OLEV approved. An incentive scheme is available for one of these installations per car which needs to be collected direct from the Government by the installer.

Public Charging Units

There are an increasing number of these being installed at a variety of different venues: supermarkets, shopping centres, National Trust properties, Nissan garages (probably Renault as well) and some hospital sites. The navigation systems on these cars offers a list of those nearest to you on the map and there are also apps available for ones mobile.

Roadside Assistance

Nissan offer RAC full roadside assistance services providing you use their outlets for servicing. Renault probably do the same.

Battery Life

Nissan warrantee is 100,000 miles or 8 years (garages report some lasting much longer).

Not applicable to Renault because of battery rental.