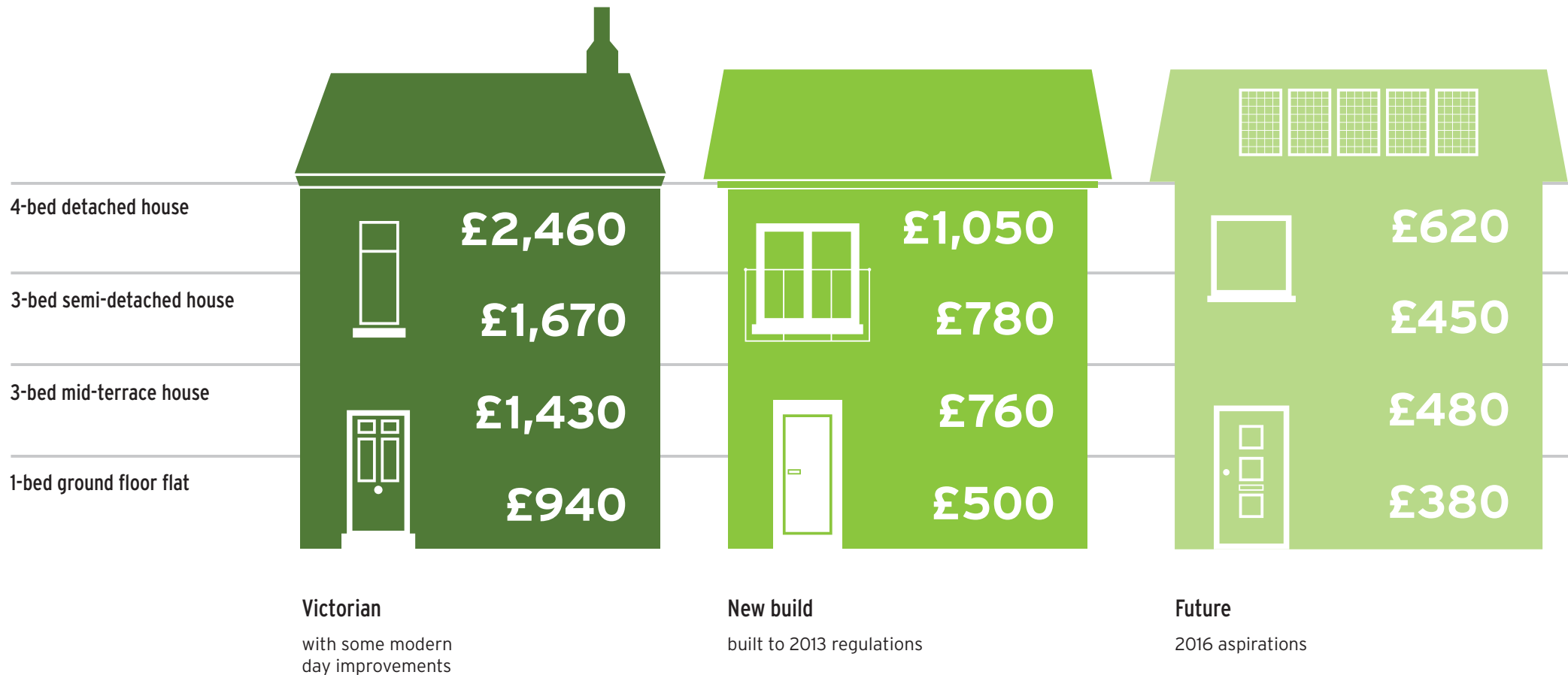


# Annual household energy spend



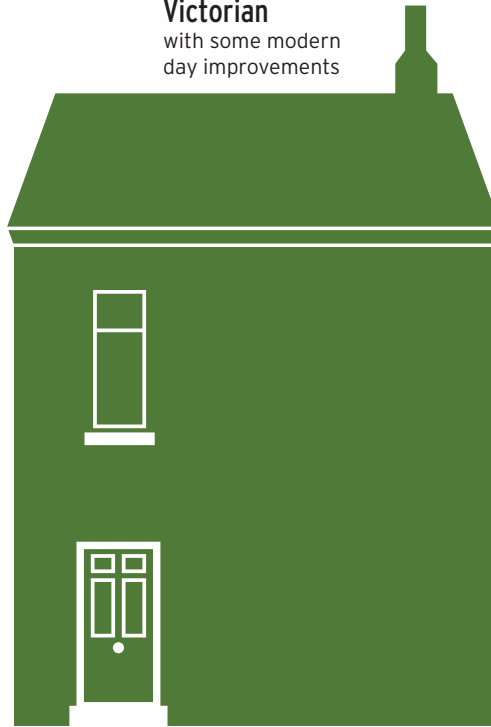
The 2016 'aspiration' refers to the Zero Carbon Hub's proposed definition of the Zero Carbon Standard for new homes. The definition has three elements: a fabric energy efficiency standard, a carbon emissions standard called 'Carbon Compliance', and an option to bring regulated emissions to zero through the use of Allowable Solutions. See <http://www.zerocarbonhub.org/zero-carbon-policy/zero-carbon-policy> for more information. Government has not yet set energy performance standards for 2016 but is considering whether, for new homes, these should be based on the fabric energy efficiency and Carbon Compliance standards recommended by the Zero Carbon Hub.

Indicative costs and savings calculated using Zero Carbon Hub house types modelled in NHER Plan Assessor 5.4/5.5 (SAP2009) with projected energy costs taken from DECC energy emissions projections (September 2013). Feed in Tariff taken from Ofgem for PV.

The estimated 'energy spend' assumes householders are benefitting from Feed in Tariffs (FiTs). We assume 50% of the electricity generated by solar PV is exported to the grid. Without the generation tariff the energy spend would be: 4-bed detached: £860/yr, 3-bed end terrace: £650/yr, 3-bed mid terrace: £650/yr, 1-bed ground floor flat: £450/yr.

# Annual household energy spend

**Victorian**  
with some modern  
day improvements



## Energy Spend

4-bed detached house	3-bed semi detached house	3-bed mid terrace house	1-bed ground floor flat
<b>Total</b> £2,460	<b>Total</b> £1,670	<b>Total</b> £1,430	<b>Total</b> £940

**New Build**  
Built to 2013 regulations



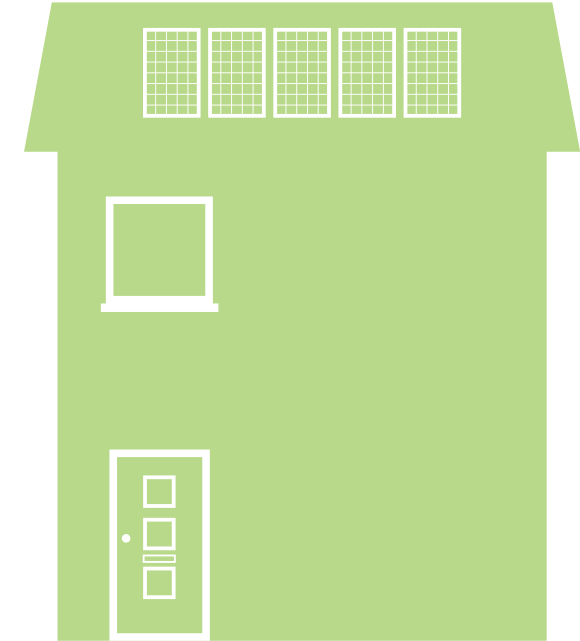
## Energy Spend

4-bed detached house	3-bed semi detached house	3-bed mid terrace house	1-bed ground floor flat
<b>Total</b> £1,050	<b>Total</b> £780	<b>Total</b> £760	<b>Total</b> £500

## Savings (compared with Victorian)

4-bed detached house	3-bed semi detached house	3-bed mid terrace house	1-bed ground floor flat
<b>£1,410</b> (57%)	<b>£890</b> (53%)	<b>£670</b> (47%)	<b>£440</b> (47%)

**Future**  
2016 aspirations



## Energy Spend

4-bed detached house	3-bed semi detached house	3-bed mid terrace house	1-bed ground floor flat
<b>Total</b> £620	<b>Total</b> £450	<b>Total</b> £480	<b>Total</b> £380

## Savings (compared with Victorian)

4-bed detached house	3-bed semi detached house	3-bed mid terrace house	1-bed ground floor flat
<b>£1,840</b> (75%)	<b>£1,220</b> (73%)	<b>£950</b> (66%)	<b>£560</b> (60%)

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