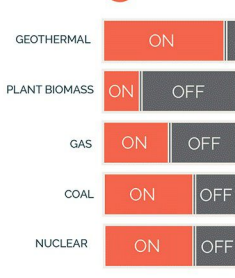
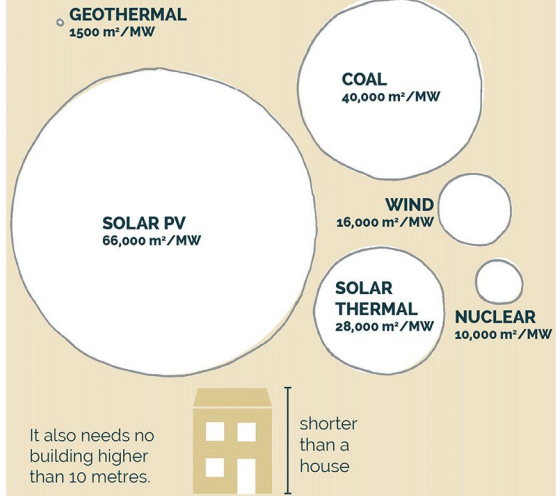


**90%**

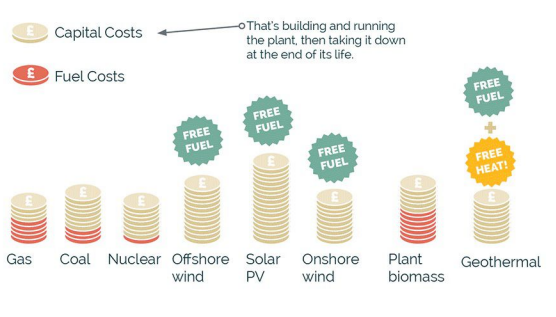
Geothermal power is the only renewable resource not affected by the weather. It's 'on' 24 hours a day. With no variable fuel costs, or fuel supply issues, geothermal plants can be run at full tilt nearly all the time<sup>2</sup>.



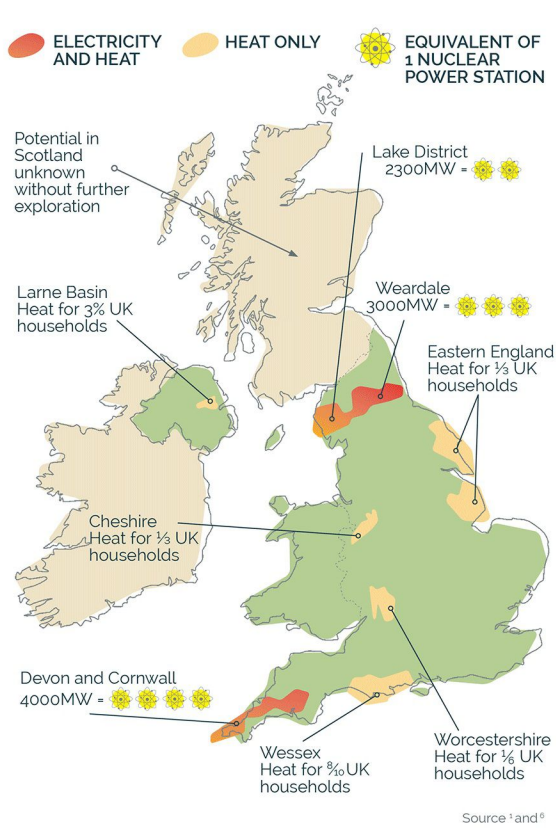
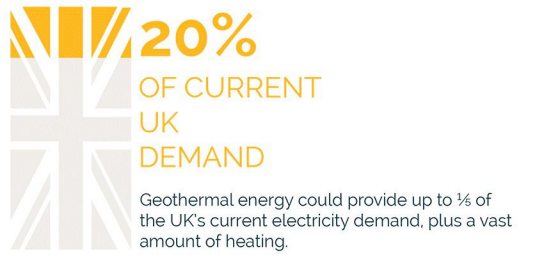
The surface area of a geothermal plant is the smallest of any power source.



Over the lifetime of a plant, geothermal electricity is cheaper to produce than solar PV or biomass power, and about the same as onshore wind. If the heat can be used too, it's cheaper still — and is expected to reduce as the technology advances.



The geothermal industry is expected to create 11 times more jobs for every MW of power produced than the gas industry.



**Sources**

<sup>1</sup> 20% potential and rocks in UK map - 2012 Geothermal Energy Potential in Great Britain and Northern Ireland. Sinclair Knight Merz

<sup>2</sup> Load factor - <https://www.gov.uk/government/publications/renewables-section-6-energy-trends>

<sup>3</sup> Levelised costs - 2012 Department of Energy and Climate Change. Electricity Generation Costs

<sup>4</sup> Jobs Analysis - 2012 - Geothermal, 19 September 2008, Deloitte Consulting LLP, USDOE

<sup>5</sup> Surface Area - MIT 2006, The Future of Geothermal Energy - Impact of Enhanced Geothermal systems (EGS) on the United States in the 21<sup>st</sup> Century, MIT/US Department of Energy

<sup>6</sup> Heat figures based on UK Household heat load of 30,000,000 toe. Dukes 2012