

Residential sector: Electrification

Description

This lever adjusts when universal (100%) access to electricity is reached in South Africa. In 2006 the electrification¹ rate is 80% and 83% in 2010.

Level 1

The current assumption in the calculator is 100% electrification is reached by 2050.

Level 2

Universal access by 2040.

Level 3

Universal access by 2030.

Level 4

Universal access by 2020.

In South Africa the previous national targets were universal (97%) access to electricity by 2012, however this has been revised² to 2025.



Children playing under electricity transmission lines. Often, electricity networks cross through community areas where there is no access to electricity.

Image source: www.ids.ac.uk

1. Based on the Community Survey 2007 data, Statistics South Africa, www.statssa.gov.za.
2. Overview of universal energy access strategy, DoE www.energy.gov.za