

Home lighting and appliances

This sector considers energy used for lighting and appliances (e.g. fridges, computers, televisions) in households.

Note that at all levels, energy demand for cooking is fixed and assumed to grow with the number of households. Electrification of cooking is controlled by a separate lever.

Excluding cooking, the electricity demand in 2012 is estimated at roughly 4,100 kWh per household.

Level 1

Level 1 assumes electricity demand per household stays constant at the 2012 level.

Level 2

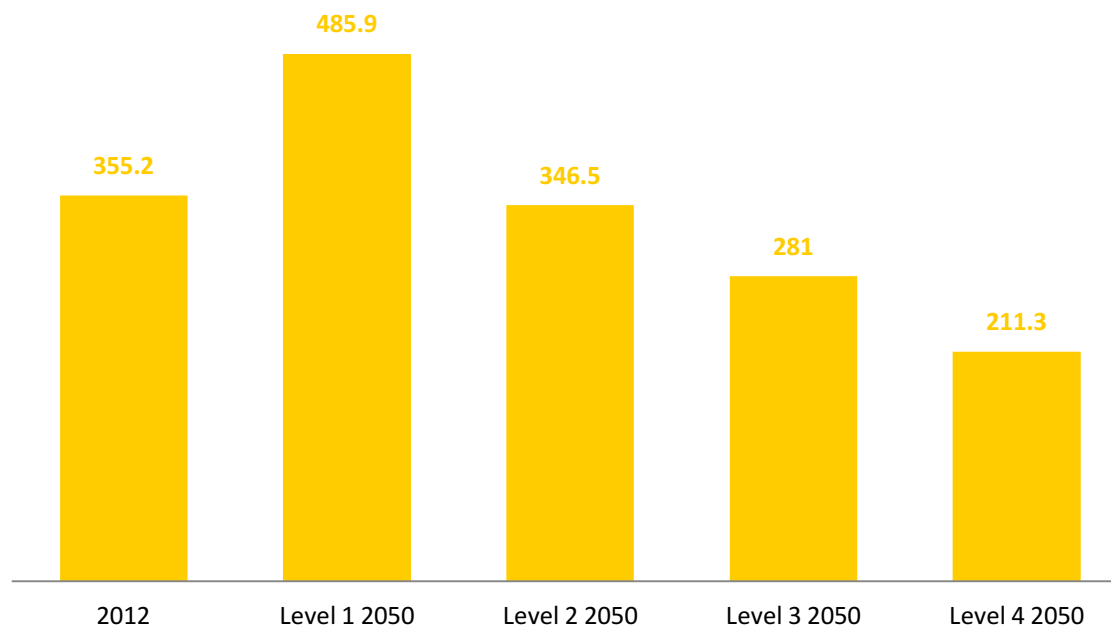
Level 2 assumes that electricity demand per household reduces to 33% below the 2012 level by 2050.

Level 3

Level 3 assumes that electricity demand per household reduces to 50% below the 2012 level by 2050.

Level 4

Level 4 assumes that electricity demand per household reduces to 67% below the 2012 level by 2050.



Energy demanded by home lighting and appliances (GWh/yr)