

Mauritius 2050 Pathways Calculator
(Version 1)
Home lighting and appliances

Domestic ownership of lighting and appliances is steadily increasing as appliances like refrigerators, ovens and televisions are becoming indispensable utilities in the Mauritian household. Over the years, the energy efficiency of such appliances has improved. Likewise, lighting devices consumes less energy than the conventional incandescent light bulbs.

Definition of trajectories

In version 1 of the Mauritius 2050 Pathways Calculator, the four levels for residential lighting and appliances are defined as follows:

Level 1	Level one assumes that energy demand in 2050 is 2.5 times higher than in 2010. There is high demand of energy for home lighting and appliances in 2050 attributable to only slight improvement in efficiency which is partially counteracted by extra electronics and computers in each home.
Level 2	Level two assumes that energy demand in 2050 is 2 times higher than in 2010 as a consequence of Government policies focusing on energy saving.
Level 3	Level three assumes that energy demand in 2050 is 1.5 times higher than in 2010. The majority of the houses are equipped with LED lighting and appliances demonstrating high energy efficiencies.
Level 4	Level four assumes that energy demand in 2050 remains the same as in 2010. All houses are equipped with LED lightings and very high energy efficient appliances.