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

LED lights and compact fluorescent light bulbs are more energy efficient than the traditional incandescent light bulbs. The use of these light sources in commercial buildings such as shops, hotels and offices reduces energy consumption for lighting purposes. Likewise, the use of high energy efficient appliances reduces energy consumption and carbon dioxide emission of these commercial buildings.

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

Level 1	Level one assumes a high demand of energy for commercial lighting and appliances, which is 2.5 times higher in 2050 than in 2010.
Level 2	Level two assumes that demand for commercial lighting and appliances in 2050 is 2 times higher compared to 2010.
Level 3	Level three assumes that demand for commercial lighting and appliances in 2050 1.5 times higher than in 2010 owing to the fact that the majority of the commercial buildings are equipped with LED lighting and high energy efficient appliances.
Level 4	Level four assumes that demand for commercial lighting and appliances in 2050 is the same as that in 2010. All commercial buildings are equipped with LED lightings and very high energy efficient appliances.