

Mauritius 2050 Pathways Calculator
(Version 1)
Solar PV

The LTES makes provision for the commissioning of solar PV at the pace of 10 MW every 3 years after 2013.¹ At the end of 2013, 2.4 MW of distributed solar PV generation was installed in Mauritius. A 10 MW utility-scale solar PV plant was connected to the grid at the beginning of 2014. There is also a total of 7 MW of firm solar PV projects in the pipeline.

Definition of trajectories

In version 1 of the Mauritius 2050 Pathways Calculator, the four levels for solar PV development are defined as follows:

Level #	Description
Level 1	There is no additional installed capacity on the existing 25 MW. All solar PV phases out by 2040 when technology lifetime is reached. The 25 MW of solar PV is equivalent to 2% of total generated electricity.
Level 2	By 2050, the total installed solar PV capacity is 50 MW. Starting with 18 MW in 2015, 4.57 MW net of solar PV is added every 5 years until 2050. The solar PV capacity addition is net of retirements.
Level 3	By 2050, the total installed solar PV capacity is 200 MW. Starting with 18 MW in 2015, 26 MW net of solar PV is added every 5 years until 2050. The solar PV capacity addition is net of retirements.
Level 4	By 2050, the total installed solar PV capacity is 250 MW. Starting with 18 MW in 2015, 33.14 MW net of solar PV is added every 5 years until 2050. The solar PV capacity addition is net of retirements.

¹ Energy Strategy 2011 – 2025: Action Plan Updated (as at 22 April 2014).