

**Mauritius 2050 Pathways Calculator**  
**(Version 1)**  
***Offshore Wind energy***

The LTES does not make any provisions for the development of offshore wind energy. There is, however, an ongoing body of research on the development of ocean renewable energies by the Mauritius Research Council (MRC) that covers offshore wind power generation. While the immediate focus is on the development to onshore wind energy, the Mauritius 2050 Pathways Calculator has also considered the development of offshore wind power over the 2050 time horizon.

*Definition of trajectories*

In version 1 of the Mauritius 2050 Pathways Calculator, the four levels for offshore wind power development are defined as follows:

<b>Level 1</b>	No offshore wind power is developed in the 2050 time horizon.
<b>Level 2</b>	No offshore wind power is developed in the 2050 time horizon.
<b>Level 3</b>	A total of 20 MW of offshore wind capacity is installed by 2050. Installations start in 2045 at a rate of 4 MW per year. Fixed turbine technology will be used.
<b>Level 4</b>	A total of 40 MW of offshore wind capacity is installed by 2050. Installations start in 2040 at a rate of 4 MW per year. In this scenario, half of the installed capacity uses fixed turbine technology, while the other half uses floating turbine technology.