

Chapter B11

Greenhouse Gas Emissions



Summary of key findings:

A detailed greenhouse gas emissions inventory has been prepared for the construction and operation of Melbourne Airport's Third Runway (M3R).

This assessment identified a difference in predicted greenhouse gas emissions between the Build and No Build scenarios of 348 kilotonnes CO₂-e annually by 2046.

The biggest source of emissions is from aircraft during the landing and take-off cycle (LTO).

Melbourne Airport has a limited ability to implement measures to reduce these LTO-related emissions but will continue working with airlines to reduce greenhouse gas emissions wherever possible.