

# Solar Panel Insolation Loss

Assessment for solar panels at 8/259 Sydney Rd Brunswick in response to shading by proposed development at 10 Dawson St Brunswick

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## Assumptions

Assumptions	
Address	8/259 Sydney Rd Brunswick
Location	Lat: -37.771308, Long: 144.960665
Panel height	22 meters
Panel tilt	15 deg north
Panel azimuth	15 deg west
Development height	45 meters
Development offset	10 meters west, 30 meters north

[1] "2023-09-30 09:05:10 UTC"

	Current Insolation	Lost Insolation
Jan	310.4	117.2
Feb	268.1	103.1
Mar	277.4	101.1
Apr	246.9	84.1
May	224.9	76.1
Jun	208.9	70.1
Jul	221.8	77.4
Aug	241.5	84.9
Sep	258.5	96.0
Oct	289.3	123.9
Nov	296.9	109.9
Dec	314.6	112.9
Total	3,159.2	1,156.7

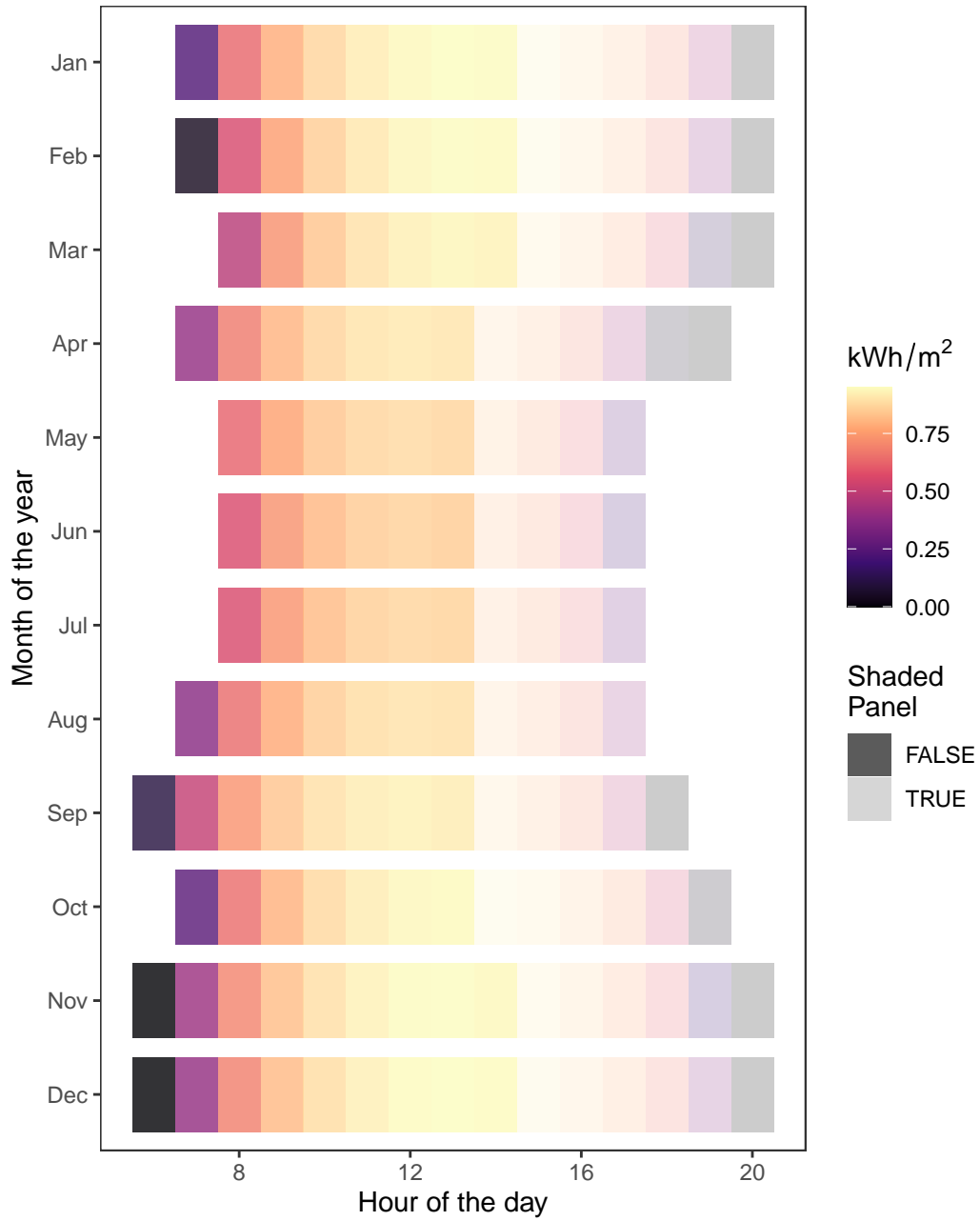


Figure 1: Tilt Adjusted Direct Solar Insolation