

Summary of carboNZero certification:



Solar City New Zealand Limited

Year 2 of 3 year certificate period

Solar City New Zealand Limited meets the requirements of carboNZero^{CertTM} certification having measured its greenhouse gas emissions in accordance with the requirements of ISO 14064-1:2006, committed to managing and reducing its emissions and neutralised its remaining unavoidable emissions through the cancellation of an appropriate number of verified carbon credits in respect of the operational activities of its organisation including Thermocell Energy Limited.



Introduction¹ – Solar City is New Zealand's only all-in-one solar power company. Solar City has installed more Kiwi-made panels on homes and businesses than any other New Zealand company. It aims to help create a cleaner world and a sustainable future and transform New Zealand to be 100% solar by 2020. Solar City is an innovation led business with a track record for high quality customer service. Its technical advisory board includes leading academics from Victoria and Massey universities and internationally from the Argonne National Laboratory USA. Services range from design, product development and manufacturing to financing installation and monitoring. Solar City has attracted the brightest talent in the solar industry with over 30 years of experience putting solar systems on roof tops in New Zealand. Solar City shares a dream for a brighter future where our families are safe from climate change and we are all energy independent. It has the energy to make a positive difference.

Boundary – The boundary for the preparation of Solar City New Zealand Limited's greenhouse gas (GHG) inventory is for one site. All business activities have been included.

Consolidation approach – Operational control

Base year – 1/10/2009 to 30/09/2010

Measurement period – 1/10/2011 to 30/09/2012

Emissions source inclusions – the diagram below shows the operational GHG emissions for Solar City New Zealand Limited by emissions source. Solar City New Zealand Limited's total emissions for this period were:

Emissions by scope	tCO ₂ e
Scope 1	23.27
Scope 2	5.44
Scope 3	64.26
Total inventory	92.97

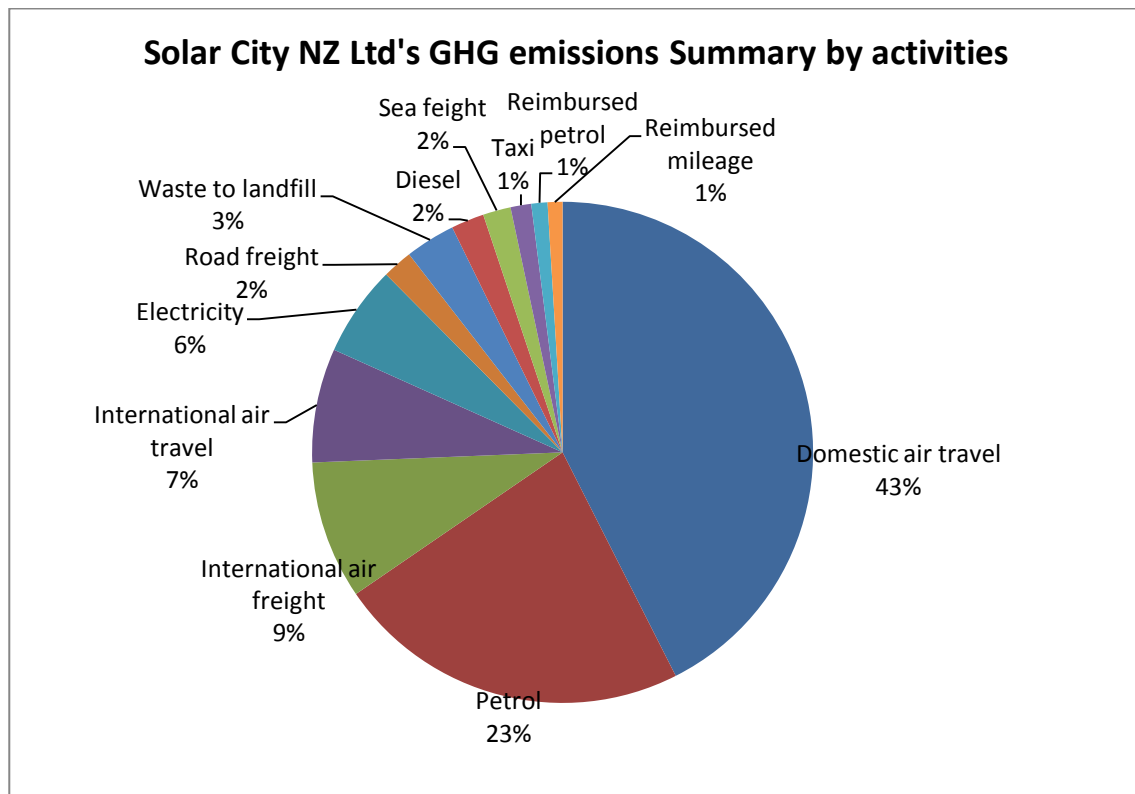
¹ **Disclaimer:** This Disclosure Statement is a summary of the verified information considered for certification and the certification decision. It should not be taken to represent the full submission for certification. While every effort has been made to ensure that the information in this Disclosure Statement is accurate and complete, Landcare Research does not, to the maximum extent permitted by law, give any warranty or guarantee relating to the accuracy or reliability of the information.

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Emissions source exclusions –

- Courier activities under 2kg were excluded as allowed by the Programme rules.

Emissions reduction commitments – Solar City New Zealand Limited has developed a GHG emissions reduction plan. Some projects in this plan include:

- Photovoltaic Panels (PV) installed on Thermocell Energy Factory and Office Roof. Estimated that this will have a group saving of 25%
- Reduce air travel by 2%
- Reduce Taxi Travel by 5%

Emissions reductions and removals

Base year GHG emissions = 42.3 tCO₂e

GHG emissions calculated for this reporting period = 92.97 tCO₂e

Difference in GHG emissions = 50.67 tCO₂e

Additional comments or notes:

- This current reporting period we had 19 employees, 2 part time employees and 4 casual staff as compared to our base year of 8.
- We have sold all non-fuel efficient cars and most of our site assessments are conducted by 3rd parties.

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Offset – 90 WINDFARM (Beijing 48MW Guanting) credits, serial numbers 10015685-10015774, and 3 WIND Ramco Group India credits, serial numbers 15006106-15006108, have been cancelled on the carboNZero register and will be cancelled (or equivalent) on the relevant external registry within one month of certification

Verified by – carboNZero Holdings Limited

Threshold of materiality – Excluded emissions do not exceed 5% of the total footprint for organisation boundary stated.

Level of assurance – Reasonable assurance

Certification status – carboNZero certified “organisation”

Certificate number – 2011039J – Year 2 of 3 year certificate period

Valid until – 31 January 2014