

Summary of carboNZero certification

Energy and Technical Services Limited (trading as Energy TS)

Year 1 of 3 year certificate period

Energy and Technical Services Limited (trading as Energy TS) meets the requirements of carboNZero^{Cert™} 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.



Introduction¹ – Energy and Technical Services Limited (Energy TS) is an international provider of energy and utility management services. Our business is all about adding value for our clients and we do this through improving the way they use energy and utilities. We practice a business philosophy based on a partnering approach and we take the time to understand our client’s needs and use this knowledge to deliver results in a way that is important to them. The objectives are to help to build sustainable businesses, as a sustainable business is a good business and sustainability should be rewarded with profitability. Achieving carboNZero certification for our NZ office operations ensures we show our commitment to a more sustainable way of living and demonstrates that we walk the talk by seeking to minimise our emissions and impact on the environment.

Energy TS offer a full range of energy and utility management services that are suitable for all types of organisations – from those who may have never before considered energy and utility management, to those who may have quite advanced and sophisticated programmes. The range of services we offer includes energy & utility management advice and consultancy, energy auditing, energy contract procurement, carbon emission tracking & reporting and our own in-house energy & utility management software called e-Bench™ - arguably the most sophisticated and advanced system available of its kind in the world. We also have a new product, e-Calc™, an environmental and sustainability reporting software, which allows you to oversee and compare the return on investment from different energy and environmental management projects and make consistent, confident decisions. It can be integrated with Energy TS’s market-leading e-Bench™ or used stand-alone.

Boundary – The boundary for the preparation of the organisation’s greenhouse gas (GHG) inventory is for one site. All business activities have been included.

Consolidation approach – The operational control consolidation approach has been used to account for operational emissions with reference to the methodology described in the GHG Protocol and ISO 14064-1:2006 standards.

Base year – 01/07/2010 - 30/06/2011

Measurement period – 01/07/2016 - 30/06/2017

Emissions source inclusions – The operational GHG emissions for the organisation by emissions source are shown in Figure 1 below.

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. Whilst every effort has been made to ensure that the information in this Disclosure Statement is accurate and complete, Enviro-Mark Solutions Limited 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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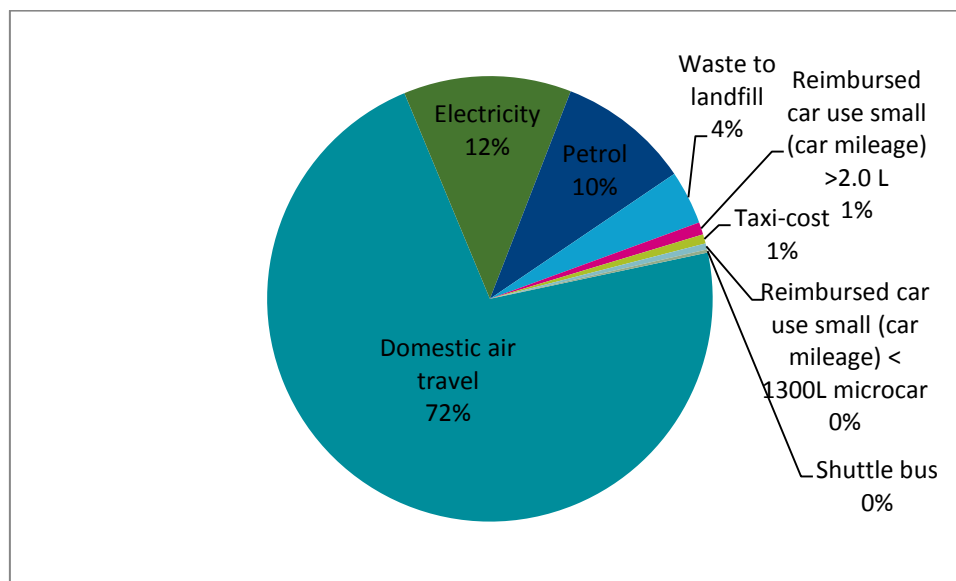


Figure 1: GHG emissions by emissions source (tCO₂e).

Emissions as tonnes of carbon dioxide equivalents (tCO₂e) for this period were:

Emissions summary by scopes		Units
Scope 1 total	0.86	tCO ₂ e
Scope 2 total	1.09	tCO ₂ e
Scope 3 total	7.00	tCO ₂ e
Mandatory scope 3	7.00	tCO ₂ e
Additional scope 3	0.00	tCO ₂ e
One-time scope 3	0.00	tCO ₂ e
Total inventory:	8.95	tCO₂e

Emissions source exclusions – The following emissions sources were excluded from the inventory for this measurement period:

- Couriers and mailing is estimated to be *de minimis*
- Rail travel within New Zealand is estimated to be *de minimis*

Emissions reduction commitments – A GHG emissions management plan and reduction targets have been developed.

- Reduce electricity consumption per FTE by 5% against base year.
- Minimise air travel

Emissions reduction report against last year's plan – This is the 7th year of reporting under carboNZero programme. An absolute reduction in Scope 1 and 2 emissions of 0.86 tCO₂e has been achieved against base year. An increase in emissions intensity (for Scope 1, 2 and mandatory Scope 3 emissions) of 1.17 tCO₂e/\$M has occurred; based upon a 5 year rolling average (adjusted for inflation).

Offset – 9 PFSI Hinewai Forest (NZ) credits have been cancelled on the carboNZero register and will be cancelled (or equivalent) on the relevant external registry within one month of certification. Specific details of cancellation, including serial numbers, will be available on the external registry: www.epa.govt.nz/e-m-t/reports/Pages/Voluntary-unit-cancellations.aspx.



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Verified by – Enviro-Mark Solutions Limited

Data quality score – High

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

Level of assurance – Reasonable

Certification status – carboNZero certified organisation

Certificate number – 2017110J, Year 1 of 3 year certificate period

Valid until – 29 September 2017

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