

## Flare Lighting Limited and its subsidiary Energy Light Ltd

*Flare Lighting Limited and its subsidiary Energy Light Limited meets the requirements of carboNZero<sup>Cert™</sup> certification having measured its greenhouse gas emissions in compliance with ISO 14064-1, committed to managing and reducing its emissions and neutralised the remaining unavoidable emissions in respect of the operational activities of its organisation.*



**Introduction<sup>1</sup>** – Energy Light and Flare Lighting are a 100% NZ owned lighting wholesale and distribution business who as a company committed to reducing GHG emissions have developed an energy efficient light fitting for commercial use. This product gives substantial energy savings. Our goal is to lead the way with sound environmental practices with regards to our lighting solutions. By responsible design our lighting systems will reduce landfill, save energy, reduce consumption of raw materials particularly copper, iron and steel and most importantly reduce lead and mercury deposited into the environment. Our offices and warehouse have been fitted with lighting controls that measure daylight, reducing light levels as the natural light levels increase alongside controllers that are occupancy controlled eliminating the need to remember to "Switch Off". We already have these measures in place for our entire base year measurement period. We have established that our main emission sources are shipping freight, business vehicles, electricity and air travel.

**Boundary** – The boundary for the preparation of Flare Lighting Limited's greenhouse gas (GHG) inventory is for one site. All business activities have been included.

**Consolidation approach** – Operational control.

**Base year** – 01/04/2008 to 31/03/2009

**Measurement period** – 01/04/2008 to 31/03/2009

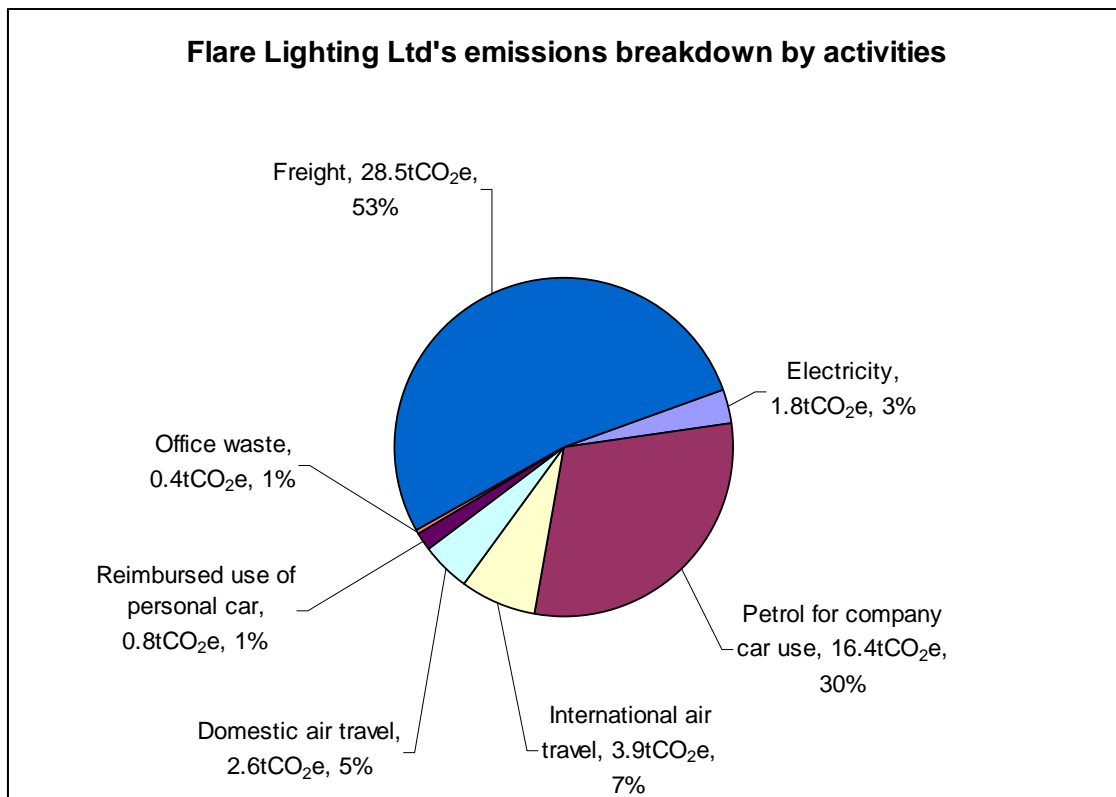
**GHG emissions source inclusions** – The diagram below shows the operational GHG emissions for Flare Lighting Ltd by emissions source. Total emissions for this period were 54.34 tonnes carbon dioxide equivalents (CO<sub>2</sub>e).

**GHG emissions source exclusions** – No known emissions source was excluded from the inventory.

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<sup>1</sup> **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.

## Flare Lighting Limited and it's subsidiary Energy Light Ltd



### GHG emissions reduction commitments –

Flare Lighting Ltd and its subsidiary Energy Light Ltd have developed the following emissions management goals:

1. Reduce the amount of fuel used by company cars by 5% by
  - a. Purchase more fuel efficient vehicles,
  - b. Avoid unnecessary trips i.e. make every km count.
2. Minimise waste by 25% by end of financial year by
  - a. Create a sustainable culture within the organisation - recycling and using energy efficiently
  - b. Re-using old binders, file folders, reusing paper as scrap, print double sided, think before you print.
3. Reduce Electricity use per FTE by 2.5% by end of financial year by
  - a. Switch off everything possible at night
4. Reduce Air Kms by 10% by end of financial year by
  - a. Plan each trip to Increase number of sales visits per trip
5. Reduce Freight costs by 2% by end of financial year
  - a. Work with suppliers to consolidate orders, minimise packaging where possible, source locally in NZ where possible

## Summary of carboNZero certification:

### Flare Lighting Limited and it's subsidiary Energy Light Ltd

**Offset** – 53 tonnes CO<sub>2</sub>e. VERs<sup>2</sup> from TrustPower Tararua II PRE windpower<sup>3</sup> project. Serial numbers 341885 – 341937 cancelled in the carboNZero programme register.

**Verified by** – Prescott Horn Ltd.

**Level of assurance** – Reasonable assurance.

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

**Certification status** – carboNZero certified small enterprise covering all operational emissions at one site.

**Certificate number** – 2009076J

**Certification valid until** – 30 June 2010.

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<sup>2</sup> VERs are created by eligible projects for emissions reductions achieved up to the end of 2007.

<sup>3</sup> PRE - Projects to Reduce Emissions is a New Zealand government scheme for projects that are eligible under the Joint Implementation initiative of the Kyoto Protocol – see [www.mfe.govt.nz](http://www.mfe.govt.nz).