

Fletcher Building Limited Energy Statement FY19

Breakdown of energy consumption from renewable and non-renewable sources

JULY 2018 – JUNE 2019

During this period, Fletcher Building Limited consumed:

- 240,831 MWh of renewable electricity
- 0 MWh of self-generated non-fuel renewable electricity
- 319,076 MWh of non-renewable electricity
- 835,487 MWh of fuel from renewable sources
- 1,617,005 MWh of fuel from non-renewable sources

Notes on preparation:

- Statement boundary applies to the businesses over which Fletcher Building has direct control and is the same as that in the scope of the company's ISO 14064 verification.
- Equity share consolidation was applied to joint ventures with shareholding >1%.
- The renewable and non-renewable content of electricity was calculated based on the GHG Protocol location-based methodology and electricity generation data published by New Zealand and Australian governments.^{1,2} Where generation data was unavailable for other countries in the South Pacific, New Zealand figures were used by default.
- The energy content of fuel was calculated from data published by the New Zealand and Australian governments, using the Gross Calorific Value (Higher Heating Value).
- Toitū Envirocare has verified the figures reported in this statement and consider them to be consistent with the GHG inventory that have been audited for the relevant period. The calculation of percentage share of renewable energy and fuel have been correctly derived from relevant national sources for the period concerned. No material misstatements were noted in the review or calculation of the figures reported.

Glossary

- Renewable electricity - electricity generated from renewable sources such as hydro, wind, solar
- Self-generated non-fuel renewable electricity - on-site solar generation
- non-renewable electricity - electricity generated from fossil fuels such as coal and gas
- Fuel from renewable sources -
 - Biomass, biosolids and the renewable content of waste end-of-life-tyres used for process heat
 - The renewable fraction of biopetrol and biodiesel used for transportation
- Fuel from non-renewable sources -
 - Natural gas, LPG, Acetylene, Coal, Fuel Oil, Diesel, Petrol used for process heat and transportation
 - The non-renewable fraction of waste end-of-life-tyres, biopetrol and biodiesel used for process heat and transportation



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¹ <https://www.mbie.govt.nz/assets/Data-Files/Energy/nz-energy-quarterly-and-energy-in-nz/electricity.xlsx>

² <https://www.energy.gov.au/sites/default/files/2023-06/Australian%20Energy%20Statistics%202023%20Table%200.xlsx>