# PUBLIC DISCLOSURE STATEMENT

THE ENERGY PROJECT PTY LTD

ORGANISATION CERTIFICATION
FY2021-22

Australian Government

# Climate Active
# Public Disclosure Statement

An Australian Government Initiative

| | |
|---|---|
| NAME OF CERTIFIED ENTITY | The Energy Project Pty Ltd |
| REPORTING PERIOD | 1 July 2021 – 30 June 2022<br>Arrears report |
| DECLARATION | *To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.* |
| | Viviana Cavuoto<br>Operations Manager<br>20/10/22 |

Australian Government
Department of Climate Change, Energy, the Environment and Water



Version March 2022.

# 1.CERTIFICATION SUMMARY

| | |
|---|---|
| TOTAL EMISSIONS OFFSET | 20 $tCO_2$-e |
| OFFSETS BOUGHT | 100% VCUs |
| RENEWABLE ELECTRICITY | N/A |
| TECHNICAL ASSESSMENT | N/A |
| THIRD PARTY VALIDATION | Type 1<br>20 October 2022<br>James L Davidson (FCPA)<br>JL Davidson & Associates<br>38 First Avenue, Payneham South SA 5070 |

Contents

# 2. CARBON NEUTRAL INFORMATION

## Description of certification

This carbon neutral certification is for the business operations of The Energy Project Pty Ltd, ABN 62 153 059 253 for the financial year 1 July 2021 to 30 June 2022 as an organisation.

## Organisation description

The Energy Project Pty Ltd (ABN 62 153 059 253) is located at 12 Kensington Road Rose Park SA 2067.

The Energy Project is an energy advisory business that provides clients with independent expert advice on the design, specification, procurement, and quality assurance of solar, battery, microgrid and EV projects. It also provides compliance and governance advice on embedded networks and regulatory issues.

The Energy Project operates independently in the energy market.

# 3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary. Emission sources can be excluded if they do not occur.

## Inside the emissions boundary

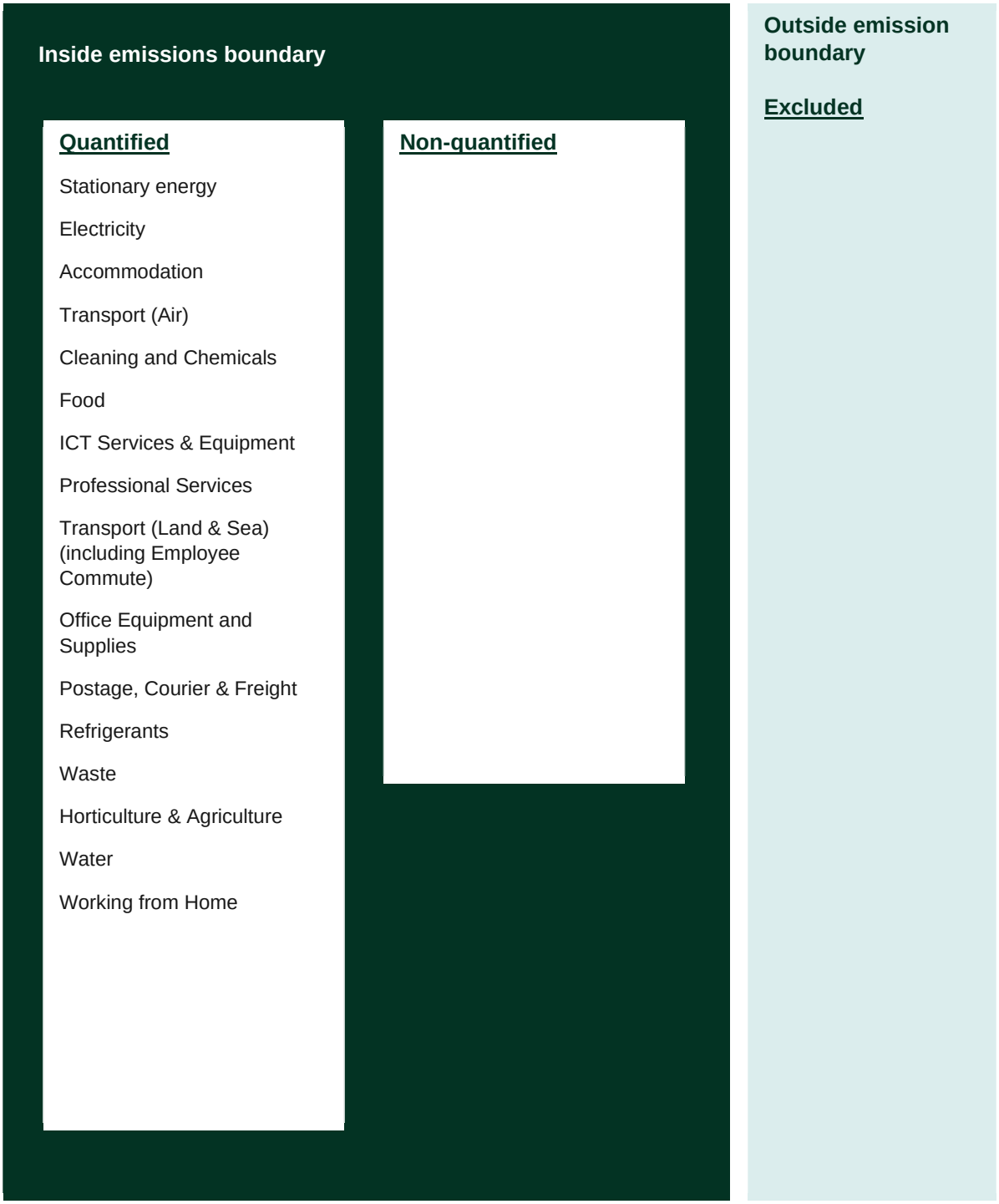
All emission sources listed in the emissions boundary are part of the carbon neutral claim.

**Quantified emissions** have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

**Non-quantified emissions** have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

## Outside the emissions boundary

**Excluded emissions** are those that have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.




## Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

## Excluded sources (outside of certification boundary)

There are no excluded sources.

# 4.EMISSIONS REDUCTIONS

## Emissions reduction strategy

The Energy Project commits to reducing its overall emissions by 50% by 2025, compared to a FY21-22 base year.

Underpinning The Energy Project's emissions reduction strategy is ongoing improvements to data collection and classification in our finance system (Xero).

The strategy focuses on the areas of influence within the organisation that have a significant impact on overall emissions. Strategies for our key emissions categories are:

### Procurement

The Energy Project commits to implementing a Sustainable Procurement Strategy in FY 2022-2023 that directs all purchases (both products and services) to, in the first instance, be assessed for necessity and evaluated to determine whether "reuse" can occur before the purchase of new products. Should there be a requirement for a new product or service, Climate Active Carbon Neutral certified should be purchased if available.

### Electricity

As The Energy Project's offices are leased, it does not have operational control to install solar PV. Therefore, as part of its emissions reduction strategy, The Energy Project will commit to purchasing 100% green power for its operations from FY22-23.

### Food and Catering

The Energy Project's food and catering emissions were higher than expected and include food during business travel as well as client meetings and office supplies. The Sustainable Procurement Strategy will target all food and catering purchases in FY 2022-2023.

### Professional Services

The Energy Project's Professional Services emissions were higher than expected and are dominated by the impact of cloud-based software subscription services. The Sustainable Procurement Strategy will target cloud-based software subscription services in FY 2022-2023.

### Work Travel

The Energy Project has seen a significant reduction in air travel as a result of the COVID pandemic and an increase in the rise of virtual meetings. Conscious that business air travel is on the rise, The Energy Project commits to continue utilizing virtual platforms for communication wherever possible, and should air travel be required, using airline opt-in services for carbon neutrality from January 2023.

### Staff Commute

The Energy Project are committed to the transition to electric vehicles and is implementing an Electric Vehicle Strategy for its operation is the FY2023-2024 period. The Energy Project encourages all staff to commute via bike where possible and will continue to provide a flexible working arrangement to enable this.

### Waste

The Energy Project has a waste reduction strategy in place with waste diversion from landfill to organic waste, recycling, e-waste and soft plastics recycling. The Energy Project will continue encouraging staff to utilize reusable containers at every possible opportunity and continue education on waste practices.

**Summary by Category**

| $tCO_2$-e | FY22 | FY25 target | impact |
|---|---|---|---|
| Electricity | 1.0 | 0.0 | -100% |
| Food and Catering | 1.7 | 1.2 | -33% |
| Software as a Service | 1.6 | 1.6 | 0% |
| Work Travel | 2.7 | 1.4 | -50% |
| Staff Commute | 1.9 | 0.4 | -80% |
| Waste | 1.7 | 0.9 | -50% |
| Office | 3.6 | 1.8 | -50% |
| $tCO_2$-e TOTAL | 14.3 | 7.1 | -50% |

# 5.EMISSIONS SUMMARY

## Use of Climate Active carbon neutral products and services

| Certified brand name | Product or Service used |
|---|---|
| N/A | |

## Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a location-based approach.

| Emission category | Sum of Scope 1 ($tCO_2$-e) | Sum of Scope 2 ($tCO_2$-e) | Sum of Scope 3 ($tCO_2$-e) | Sum of total emissions ($tCO_2$-e) |
|---|---|---|---|---|
| Accommodation and facilities | 0.000 | 0.000 | 0.361 | 0.361 |
| Cleaning and Chemicals | 0.000 | 0.000 | 0.270 | 0.270 |
| Electricity | 0.000 | 1.038 | 0.000 | 1.038 |
| Food | 0.000 | 0.000 | 1.737 | 1.737 |
| Horticulture and Agriculture | 0.000 | 0.000 | 0.034 | 0.034 |
| ICT services and equipment | 0.000 | 0.000 | 0.711 | 0.711 |
| Office equipment & supplies | 0.000 | 0.000 | 1.174 | 1.174 |
| Postage, courier and freight | 0.000 | 0.000 | 0.054 | 0.054 |
| Professional Services | 0.000 | 0.000 | 2.884 | 2.884 |
| Refrigerants | 0.094 | 0.000 | 0.000 | 0.094 |
| Stationary Energy (liquid fuels) | 0.509 | 0.000 | 0.027 | 0.537 |
| Transport (Air) | 0.000 | 0.000 | 1.755 | 1.755 |
| Transport (Land and Sea) | 0.000 | 0.000 | 3.021 | 3.021 |
| Waste | 0.000 | 0.000 | 1.168 | 1.168 |
| Water | 0.000 | 0.000 | 0.148 | 0.148 |
| Working from home | 0.000 | 0.000 | -1.251 | -1.251 |
| **Total** | 0.603 | 1.038 | 12.093 | 13.734 |

## Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

| Reason for uplift factor | $tCO_2$-e |
|---|---|
| Mandatory 5% uplift for small organization certifications | 0.687 |
| Voluntary uplift | 4.892 |
| Total of all uplift factors | 5.579 |
| **Total footprint to offset** *(total net emissions from summary table + total uplifts)* | **20** |

# 6.CARBON OFFSETS

## Offsets retirement approach

| In arrears | | |
|---|---|---|
| 1. | Total emissions footprint to offset for this report | 20 $tCO_2$-e |
| 2. | Total eligible offsets purchased and retired for this report | 20 |
| 3. | Total eligible offsets banked to use toward next year's report | 0 |

## Co-benefits

The Katingan REDD+ project protects and is restoring 149,800 ha of peatland ecosystems, covering one of Indonesia's largest remaining intact peat swamp forests, and is reforesting 4,433 ha of non-forest areas within the project area (PA). The PA is located entirely within state-designated production forest which without the project, would be converted to fast-growing industrial pulpwood plantations. The project prevents this, having obtained full legal control of the production forest area through an Ecosystem Restoration Concession license, blocking the applications of plantation companies.

Kalimantan encompasses approximately 5.7 million ha of peatland. By 2020, the expansion of industrial plantations on peatlands in Kalimantan alone is estimated to contribute to about 20% of Indonesia's total GHG emissions.

The project area contains vast amounts of $CO_2$, with aboveground biomass and peat carbon stocks quantified to be 14.25 Mt and 546.75 Mt of carbon, respectively. The project plays a vital role in stabilizing water flows, preventing devastating peat fires, enriching soil nutrients and providing clean water. The PA is biodiversity rich, containing large populations of many high conservation value species, including some of the world's most endangered (e.g. Bornean Orangutan and Proboscis Monkey). While the PA contains no permanent human settlements, it is surrounded by villages for which it supports traditional livelihoods including farming, fishing, and non-timber forest products harvesting.

The forest habitat supports 2 critically endangered, 11 endangered and 31 vulnerable species. Preliminary estimates indicate an estimated population of almost 4,000 Orangutan, almost 10,000 Bornean Gibbon and over 500 Proboscis Monkey. These populations all represent over 5% of the remaining global population of these species. Overall, the project area's biodiversity includes 157 bird, 67 mammal, 41 reptile, 8 amphibian, 111 fish, and 314 floral species.

## Eligible offsets retirement summary

| Offsets cancelled for Climate Active Carbon Neutral Certification | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Project description** | **Type of offset units** | **Registry** | **Date retired** | **Serial number (and hyperlink to registry transaction record)** | **Vintage** | **Stapled quantity** | **Eligible quantity ($tCO_2$-e)** | **Eligible quantity used for previous reporting periods** | **Eligible quantity banked for future reporting periods** | **Eligible quantity used for this reporting period** | **Percentage of total (%)** |
| Katingan Peatland Restoration and Conservation Project | VCU | Verra | 17 Oct 2022 | 6358-302953135-302953154-VCU-016-APX-ID-14-1477-01112015-31122016-1 | 2016 | | 20 | 0 | 0 | 20 | 100% |
| | | | | | | | | | **Total offsets retired this report and used in this report** | 20 | |
| | | | | | | | | | **Total offsets retired this report and banked for future reports** | 0 | |

| Type of offset units | Quantity (used for this reporting period claim) | Percentage of total |
|---|---|---|
| Verified Carbon Units (VCUs) | 20 | 100% |

# 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

## Renewable Energy Certificate (REC) summary

N/A

# APPENDIX A: ADDITIONAL INFORMATION

N/A

# APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a **location-based approach.**

Location-based method:

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based method:

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

## Market-based approach summary

| Market-based approach | Activity Data (kWh) | Emissions ($kgCO_2$-e) | Renewable Percentage of total |
|---|---|---|---|
| Behind the meter consumption of electricity generated | 0 | 0 | 0% |
| **Total non-grid electricity** | **0** | **0** | **0%** |
| LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs) | 0 | 0 | 0% |
| GreenPower | 0 | 0 | 0% |
| Jurisdictional renewables (LGCs retired) | 0 | 0 | 0% |
| Jurisdictional renewables (LRET) (applied to ACT grid electricity) | 0 | 0 | 0% |
| Large Scale Renewable Energy Target (applied to grid electricity only) | 522 | 0 | 19% |
| Residual Electricity | 2,285 | 2,273 | 0% |
| **Total grid electricity** | **2,806** | **2,273** | **19%** |
| **Total Electricity Consumed (grid + non grid)** | **2,806** | **2,273** | **19%** |
| Electricity renewables | 522 | 0 | |
| Residual Electricity | 2,285 | 2,273 | |
| **Exported on-site generated electricity** | **0** | **0** | |
| Emissions ($kgCO_2$-e) | | 2,273 | |

| | |
|---|---|
| **Total renewables (grid and non-grid)** | **18.59%** |

| | |
|---|---|
| **Mandatory** | **18.59%** |
| **Voluntary** | **0.00%** |
| **Behind the meter** | **0.00%** |
| **Residual Electricity Emission Footprint ($tCO_2$-e)** | **2** |

*Figures may not sum due to rounding. Renewable percentage can be above 100%*

## Location-based approach summary

| Location-based approach | Activity Data (kWh) | Scope 2 Emissions ($kgCO_2$-e) | Scope 3 Emissions ($kgCO_2$-e) |
|---|---|---|---|
| ACT | 0 | 0 | 0 |
| NSW | 0 | 0 | 0 |
| SA | 2,806 | 842 | 196 |
| VIC | 0 | 0 | 0 |
| QLD | 0 | 0 | 0 |
| NT | 0 | 0 | 0 |
| WA | 0 | 0 | 0 |
| TAS | 0 | 0 | 0 |
| **Grid electricity (scope 2 and 3)** | **2,806** | **842** | **196** |
| ACT | 0 | 0 | 0 |
| NSW | 0 | 0 | 0 |
| SA | 0 | 0 | 0 |
| VIC | 0 | 0 | 0 |
| QLD | 0 | 0 | 0 |
| NT | 0 | 0 | 0 |
| WA | 0 | 0 | 0 |
| TAS | 0 | 0 | 0 |
| **Non-grid electricity (Behind the meter)** | **0** | **0** | **0** |
| **Total Electricity Consumed** | **2,806** | **842** | **196** |

| Emission Footprint ($tCO_2$-e) | 1.04 |
|---|---|
| *Scope 2 Emissions* ($tCO_2$-e) | 0.84 |
| *Scope 3 Emissions* ($tCO_2$-e) | 0.20 |

## Climate Active Carbon Neutral Electricity summary

| Carbon Neutral electricity offset by Climate Active Product | Activity Data (kWh) | Emissions ($kgCO_2$-e) |
|---|---|---|
| N/A | **0** | **0** |

*Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.*

# APPENDIX C: INSIDE EMISSIONS BOUNDARY

## Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

.

| Relevant-non-quantified emission sources | (1) Immaterial | (2) Cost effective (but uplift applied) | (3) Data unavailable (but uplift applied & data plan in place) | (4) Maintenance |
|---|---|---|---|---|
| N/A – all relevant emissions have been quantified | | | | |

# APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

## Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions

2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.

3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.

4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.

5. **Outsourcing** The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.

| Emission sources tested for relevance | (1) Size | (2) Influence | (3) Risk | (4) Stakeholders | (5) Outsourcing | Included in boundary? |
|---|---|---|---|---|---|---|
| N/A - no emissions have been excluded. | | | | | | |

An Australian Government Initiative

Climate Active