



# **PUBLIC DISCLOSURE STATEMENT**

**SMARTESTENERGY AUSTRALIA**

**ORGANISATION CERTIFICATION**

**FY2021 - 22**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	SmartestEnergy Australia Pty Ltd
REPORTING PERIOD	Financial year 1 July 2021 – 30 June 2022 Arrears report
DECLARATION	<p><i>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.</i></p> <p><i>Robert Owens</i>  <a href="#">Robert Owens (Jun 2, 2023 14:14 GMT+10)</a></p> <hr/> <p>Robert Owens            Chief Executive Officer            Jun 2, 2023</p>



**Australian Government**  
**Department of Industry, Science,  
 Energy and Resources**

Public Disclosure Statement documents are prepared by the submitting organisation. The material in the Public Disclosure Statement documents represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement document and disclaims liability for any loss arising from the use of the document for any purpose. Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



# 1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	691 tCO <sub>2</sub> -e
OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	28.23%
TECHNICAL ASSESSMENT	Date: 08/12/2022 Morna McGuire Pangolin Associates Next technical assessment due: FY2025
THIRD PARTY VALIDATION	Type 1 Date: 23/11/2022 Name: Benjamin Jenkins GPP Audit Pty Limited

## Contents

1. Certification summary.....	3
2. Carbon neutral information.....	4
3. Emissions boundary.....	6
4. Emissions reductions.....	8
5. Emissions summary.....	10
6. Carbon offsets.....	11
7. Renewable Energy Certificate (REC) Summary.....	13
Appendix A: Additional Information.....	14
Appendix B: Electricity summary.....	15
Appendix C: Inside emissions boundary.....	17
Appendix D: Outside emissions boundary.....	18

## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This inventory has been prepared for the financial year from 1 July 2021 to 30 June 2022 and covers the Australian business operations of SmartestEnergy Australia Pty Ltd, ABN: 37 632 313 029.

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following locations and facilities:

- Sydney office
- Melbourne office
- Adelaide employees

Emissions associated with the generation, transmission and distribution of sold electricity by SmartestEnergy are not included in this certification. Also, the emissions associated with the electricity generation assets are excluded as SmartestEnergy does not own any electricity generation assets.

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>). These have been expressed as carbon dioxide equivalents (CO<sub>2</sub>-e) using relative global warming potentials (GWPs).

*“Being accredited by Climate Active gives our customers, employees and partners confidence that SmartestEnergy’s actions match their stated goals.”*

## Organisation description

SmartestEnergy Australia Pty Ltd (ABN 37 632 313 029) is a Commercial and Industrial electricity retailer with a goal to provide their customers with flexible and tailored energy products that help them reach their financial, operational and sustainability goals.

SmartestEnergy Australia has a permanent office located in Sydney, with employees in Adelaide and Melbourne working from home and co-working spaces. As a retailer and a trading company core assets are not tangible.

SmartestEnergy Australia Pty Ltd is 100% owned by SmartestEnergy Limited (UK), who is in turn owned by Marubeni Corporation (Japan) (90%) and Marubeni Europe plc (UK) (10%).

## 3.EMISSIONS BOUNDARY

### 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.

Inside emissions boundary		Outside emission boundary
<p><b><u>Quantified</u></b></p> <ul style="list-style-type: none"> <li>Accommodation and facilities</li> <li>Cleaning and Chemicals</li> <li>Construction Materials and Services</li> <li>Electricity</li> <li>Food</li> <li>ICT services and equipment</li> <li>Office equipment &amp; supplies</li> <li>Professional Services</li> <li>Refrigerants</li> <li>Stationary Energy (gaseous fuels)</li> <li>Transport (Air)</li> <li>Transport (Land and Sea)</li> <li>Waste</li> <li>Working from home</li> </ul>	<p><b><u>Non-quantified</u></b></p> <p>N/A</p>	<p><b><u>Excluded</u></b></p> <p>N/A</p>

**Data management plan for non-quantified sources**

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

## 4. EMISSIONS REDUCTIONS

### Emissions reduction strategy

SmartestEnergy is committed to reducing emissions across its Australian operations to at least 30% below base year 2021/22 by 2030. This equates to a reduction of more than 200 tCO<sub>2</sub>-e from the base year emissions of 691 tCO<sub>2</sub>-e.

SmartestEnergy will remain proactive throughout the year, with regular reviews of activities under our direct control that could be altered or eliminated to reduce emissions.

A wider Group ESG strategy places a focus on target setting and action. A Group ESG Manager is being hired to oversee the delivery of our plan in Australia and across our international operations in the US and UK. Our wider ESG plan and target setting approach will be published and reported, maintaining a focus on data and transparency.

### Travel & location

Restrictions on travel through the base year due to COVID-19 responses may have artificially depressed the quantity of flights and accommodation used by the organisation, and we expect that to increase from the base line. As such, and in line with wider Group target setting we will assess any related requirement to re-benchmark.

- SmartestEnergy supports employees in working remotely and from their home state where possible, however when a flight is required it should include a Carbon Offset option if offered. Flights booked through the Qantas or Virgin groups will be required to include the Fly Carbon Neutral offset as a standard practice.
- Staff who commute to offices are encouraged to use public transport (bus / tram / ferry/ train) where possible, instead of personal vehicles. Staff travelling interstate will be required to use trains as their first choice of transport to our office in Sydney's CBD.
- SmartestEnergy will develop a preference list of 'green choice' hotels that either have a certified lower emissions rating, or are certified as Carbon Neutral. These accommodation choices will be provided as first choice options for staff required to travel.

### Office Space

Fit-out of the Sydney Office was a significant contributor to the base year emissions. In line with a planned brand refresh, we will approach any subsequent fit-outs and/or office upgrades with due consideration for materials sourced and the recycling of materials if relevant. For satellite offices, we plan to continue using co-working spaced and foresee no wider large-scale fit-outs outside of our Sydney office.

- Major fit-out and decoration will only be carried out under exceptional circumstance, such as re-branding or significant growth of the business.
- A minimum 5-Star NABERS Energy Tenancy Ratings is required to be achieved for the Sydney Head Office once the building is eligible for accreditation.



- 100% GreenPower will continue to be sourced for the Sydney office. If this is unachievable, for example due to changes in the GreenPower scheme, then SmartestEnergy will purchase and surrender additional LGCs above their obligation up to 100% of electricity usage.

### **IT Support and Development**

As SmartestEnergy has been in what can be considered a start-up phase from 2020 – 2022 there are substantial development costs that have been incurred during this time. There was also large headcount growth during this time with the attendant IT purchase costs.

- Review of existing subscriptions for removal or consolidation where appropriate
- Forecast development works will be carefully considered to spread the associated Scope 3 emissions
- Where possible SmartestEnergy will select partner organisations that are certified Carbon Neutral by Climate Active, or their UK equivalent e.g. The Carbon Trust.

### **Consultants**

A large proportion of SmartestEnergy's current scope 3 emissions are related to use of consultant support. This is due to the early-stage nature of the organisation, and the reliance on external expert advice, which offsets the need to hire additional permanent employees.

- Where possible SmartestEnergy will select partner organisations that are certified Carbon Neutral by Climate Active, or their UK equivalent e.g. The Carbon Trust
- With the increasing maturity of the organisation comes additional internalisation of staffing, as well as improved participation in global resource sharing.

### **Incremental**

None of these actions can offset fully SmartestEnergy's obligations if conscious decision making is not also employed throughout the organisation.

- Where possible SmartestEnergy will select suppliers that are certified Carbon Neutral by Climate Active
- Procurement decisions will be considered for necessity, and alternative choices.

## 5. EMISSIONS SUMMARY

### Use of Climate Active carbon neutral products and services

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are carbon neutral.

### Organisation emissions summary

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

Emission category	Sum of total emissions (tCO <sub>2</sub> -e)
Accommodation and facilities	5.66
Cleaning and Chemicals	0.62
Construction Materials and Services	45.55
Electricity	22.63
Food	0.94
ICT services and equipment	21.02
Office equipment & supplies	1.98
Professional Services	495.96
Refrigerants	0.24
Stationary Energy (gaseous fuels)	1.54
Transport (Air)	80.69
Transport (Land and Sea)	4.54
Waste	0.83
Working from home	8.09
<b>Total</b>	<b>690.29</b>

### 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.

No uplifts have been applied to SmartestEnergy's FY2021-22 carbon inventory.

## 6. CARBON OFFSETS

### Offsets retirement approach

In arrears	
1. Total emissions footprint to offset for this report (tCO <sub>2</sub> -e)	691
2. Total eligible offsets purchased and retired for this report	691
3. Total eligible offsets banked to use toward next year's report	0

### Co-benefits

All offsets were purchased from the 50 MW Sipansihaporas Hydro Power Plant, North Sumatra. The project is located to the south of Medan city, the capital city of the region. By channelling the Sibuluan River, including the three tributaries, the project generates renewable electricity, contributing around 214,000 MWh to the Sumatra grid annually.

The project has relied on generating local employment during both the construction and the operation phase. Community benefits above employment has included ongoing training sessions in operational skills and workplace safety.

The project is active in 4 of the 17 UN Sustainable Development Goals:

4. **Quality Education** through ongoing training and development for the local workforce
7. **Affordable and Clean Energy** through the intrinsic type and operation of the project
8. **Decent work and economic growth** through developing the local community skills and opportunities
9. **Industry, Innovation and Infrastructure** through building sustainable industrialization in North Sumatra

## Eligible offsets retirement summary

Offsets retired 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 <sub>2</sub> -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 (%)
50 MW Sipansihaporas Hydro Power Plant, North Sumatra	VCUs	Verra	12 Jan 2023	<a href="#">12627-421504961-421505651-VCS-VCU-842-VER-ID-1-486-01042016-31122016-0</a>	2016	-	691	0	0	691	100%

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Carbon Units (VCUs)	691	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 **market-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 <sub>2</sub> -e)	Renewable percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	3,055	0	10%
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)	5,892	0	19%
Residual electricity	22,748	22,634	0%
<b>Total grid electricity</b>	<b>31,695</b>	<b>22,634</b>	<b>28%</b>
<b>Total electricity consumed (grid + non grid)</b>	<b>31,695</b>	<b>22,634</b>	<b>28%</b>
Electricity renewables	8,947	0	
Residual electricity	22,748	22,634	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO <sub>2</sub> -e)		22,634	
<b>Total renewables (grid and non-grid)</b>	<b>28.23%</b>		
<b>Mandatory</b>	<b>18.59%</b>		
<b>Voluntary</b>	<b>9.64%</b>		
<b>Behind the meter</b>	<b>0.00%</b>		
<b>Residual electricity emissions footprint (tCO<sub>2</sub>-e)</b>	<b>23</b>		

*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 <sub>2</sub> -e)	Scope 3 emissions (kgCO <sub>2</sub> -e)
NSW	25,577	19,950	1,790
SA	0	0	0
VIC	6,118	5,567	612
<b>Grid electricity (scope 2 and 3)</b>	<b>31,695</b>	<b>25,518</b>	<b>2,402</b>
NSW	0	0	0
SA	0	0	0
VIC	0	0	0
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total electricity consumed</b>	<b>31,695</b>	<b>25,518</b>	<b>2,402</b>

<b>Emissions footprint (tCO<sub>2</sub>-e)</b>	<b>28</b>
Scope 2 emissions (tCO <sub>2</sub> -e)	26
Scope 3 emissions (tCO <sub>2</sub> -e)	2

### Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity data (kWh)	Emissions (kgCO <sub>2</sub> -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. These emissions are accounted for through an uplift factor. 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.

No emission sources in SmartestEnergy's organisation boundary were non-quantified in FY2021 - 22.

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	N/A	N/A	N/A	N/A

# 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.

No emission sources in SmartestEnergy's organisation boundary were excluded in FY2021 - 22.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
N/A	N/A	N/A	N/A	N/A	N/A	N/A



An Australian Government Initiative









# Public Disclosure Statement - Organisation

Final Audit Report

2023-06-02

Created:	2023-05-29
By:	Joy Daly (joy-daly@smartestenergy.com.au)
Status:	Signed
Transaction ID:	CBJCHBCAABAAOtiRIONBU0n08a2XRaaz-becB8JCKMAk

## "Public Disclosure Statement - Organisation" History

-  Document created by Joy Daly (joy-daly@smartestenergy.com.au)  
2023-05-29 - 0:31:15 AM GMT
-  Document emailed to robert-owens@smartestenergy.com.au for signature  
2023-05-29 - 0:32:36 AM GMT
-  Email viewed by robert-owens@smartestenergy.com.au  
2023-06-02 - 4:14:00 AM GMT
-  Signer robert-owens@smartestenergy.com.au entered name at signing as Robert Owens  
2023-06-02 - 4:14:22 AM GMT
-  Document e-signed by Robert Owens (robert-owens@smartestenergy.com.au)  
Signature Date: 2023-06-02 - 4:14:24 AM GMT - Time Source: server
-  Agreement completed.  
2023-06-02 - 4:14:24 AM GMT