



PUBLIC DISCLOSURE STATEMENT

**E-SMART SOLAR PTY LTD
ORGANISATION CERTIFICATION
CY2020**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY:

E-Smart Solar Pty Ltd

REPORTING PERIOD: Calendar year 1 January 2020 – 31 December 2020

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.

Signature

Date 05.11.21

Name of Signatory. Dean Edmonds

Position of Signatory. Director



Australian Government
Department of Industry, Science,
Energy and Resources

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Version number February 2021

1. CARBON NEUTRAL INFORMATION

Description of certification

This certification is for the Australian business operations of E-Smart Solar Pty Ltd (ABN 12 600 689 361). The base year is the same as the first year of certification, CY2020.

Organisation description

E-Smart Solar was founded in 2011, and initially traded as E-Smart Electrical Services. However, with increasing demands for solar installations, this soon became the main focus of the business.

In 2011, E-Smart focused purely on solar solutions for E-Smart Solar customers and restructured to E-Smart Solar Pty Ltd.

E-Smart Solar are a team of qualified electricians and are Clean Energy Council Accredited installers and Network-level members; experienced and qualified in the design and installation of grid connect, hybrid (battery) and stand alone solar power systems.

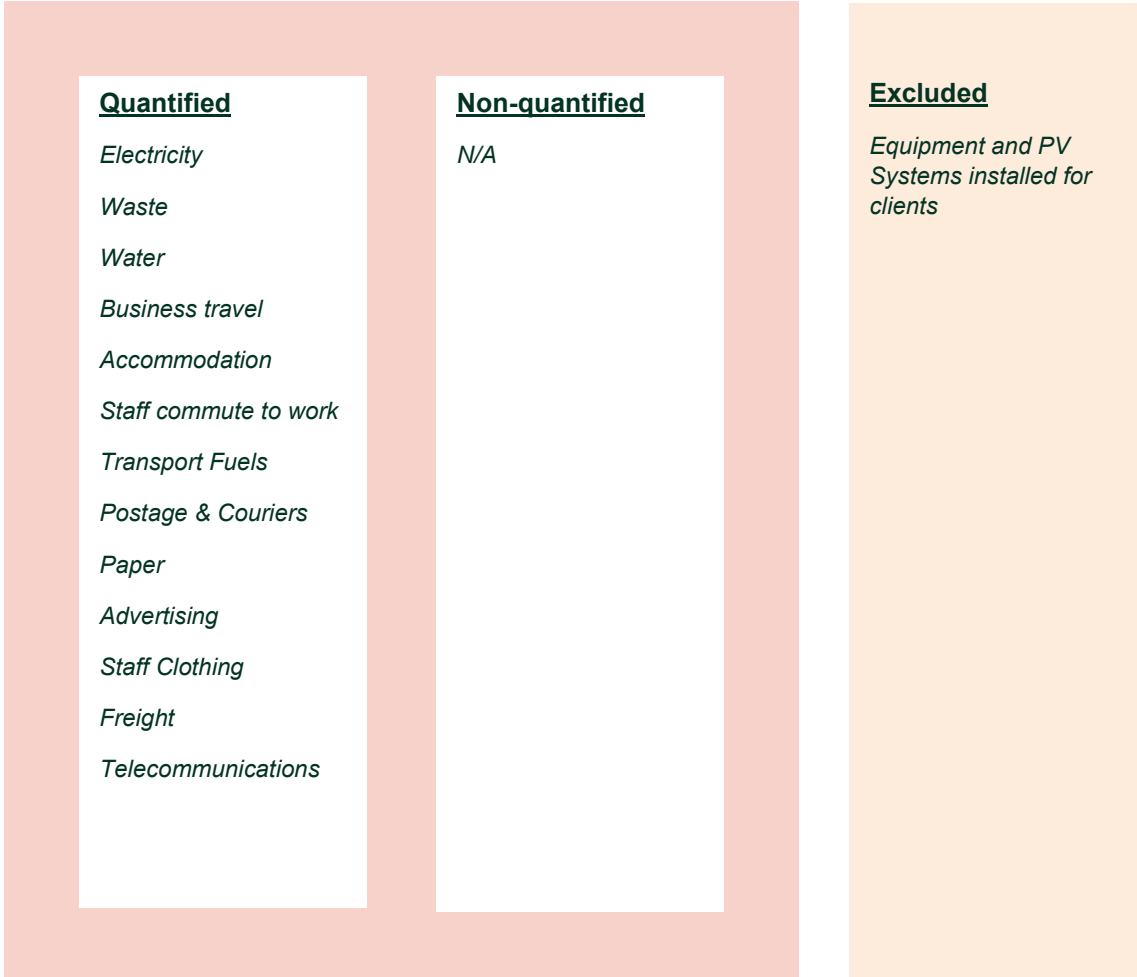
E-Smart Solar provide solar solutions for both residential and commercial clients across Sydney, as well as everywhere in the Blue Mountains of NSW. This is from Mudgee to Bathurst, and from Penrith and surrounding suburbs.

“We not only encourage our clients to think environmentally, but we also recognise the expectation of us to uphold sustainability measures that are held by our team, our clients and our community.”

2. EMISSION BOUNDARY

Diagram of the certification boundary

This is a small organisation certification, which uses the standard Climate Active small organisation emission boundary



Non-quantified sources

N/A

Data management plan

N/A

Excluded sources (outside of certification boundary)

Equipment and PV Systems installed for clients have been excluded as it has been assessed as not relevant according to the relevance test

“We not only encourage our clients to think environmentally, but we also recognise the expectation of us to uphold sustainability measures that are held by our team, our clients and our community.”

3. EMISSIONS SUMMARY

Emissions reduction strategy

As a company committed to renewable energy, E-Smart Solar is wholeheartedly committed to the environment.

At E-Smart Solar, we not only encourage our clients to think environmentally, but we also recognise the expectation of us to uphold sustainability measures that are held by our team, our clients and our community. To this end, we work to five principles to ensure that we continue to minimise our environmental footprint.

Employees - Environmental consideration is a key element of our team culture. We promote the efficient use, reuse and recycling of resources, as well as the minimisation of waste. We also provide our team with the tools they need to work electronically, minimising our reliance on paper.

Suppliers - We work closely with our suppliers to ensure sustainability is part of our selection criteria. We encourage our suppliers in making positive environmental choices, and support them in integrating those choices into everyday operations. And wherever possible, we'll help our suppliers reduce their carbon footprint.

Community Leadership and Advocacy - We're committed to developing solutions that are environmentally-friendly, such as moving from paper-based billing to more flexible payment processes. Working with our industry and our community, we not only support the development of climate-friendly practices, but also adopt them to deliver ongoing, positive change.

Continual Improvement - At E-Smart Solar, we're here for the long haul. We want to leave a legacy that goes beyond our business and that extends to our children, and their children. As such we're 100% committed to monitoring and measuring our business activities to ensure a constant reduction in the size of our environmental footprint.

Emissions summary (inventory)

Table 1

Emission source category	tonnes CO ₂ -e
Accommodation and facilities	0.341
Electricity	3.227
Food and Catering	3.103
Telecommunications	1.129
Transport Fuels - Post- 2004 Diesel Oil	27.868
Paper	0.011
Postage, courier and freight	5.518
Clothing and Footwear	0.247
Professional Services - Advertising and Promotion	7.628
Waste – Construction and Demolition	2.534
Waste - Recycling	0.000
Water	2.208
<i>Total Net Emissions</i>	53.814

Uplift factors

Table 2

Reason for uplift factor	tonnes CO ₂ -e
5% to account for immaterial items (small organization)	2.691
<i>Total footprint to offset (uplift factors + net emissions)</i>	56.504

Carbon neutral products

N/A

Electricity summary

Electricity was calculated using a location-based approach

Market-based approach summary

Table 3

Market-based approach	Activity Data (kWh)	Emissions (kgCO ₂ -e)	Renewable %
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	0	0	0%
LGC Purchased and retired (kWh) (including PPAs)	0	0	7%
GreenPower	0	0	0%
Jurisdictional renewables	0	0	0%
Residual Electricity	2,893	3,119	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	692	0	19%
Total grid electricity	3,585	3,119	19%
Total Electricity Consumed (grid + non grid)	3,585	3,119	19%
Electricity renewables	692	0	
Residual Electricity	2,893	3,119	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO ₂ -e)		3,119	

Emission Footprint (tCO₂-e)	3
LRET renewables	19.31%
Voluntary Renewable Electricity	0.00%
Total renewables	19.31%

Location-based approach summary
Table 4

Location-based approach	Activity Data (kWh)	Emissions (kgCO₂e)
ACT	0	0
NSW	3,585	3,227
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Grid electricity (scope 2 and 3)	3,585	3,227
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Non-grid electricity (Behind the meter)	0	0
Total Electricity Consumed	3,585	3,227

Emission Footprint (tCO₂e)

3

4. CARBON OFFSETS

Offsets strategy

Table 5

Offset purchasing strategy:	
In arrears	
1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	57
3. Net offset balance for this reporting period	57
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	57

Co-benefits

The Thermal Energy Generation Project utilises waste that would otherwise be dumped. It also diversifies of local economy, increases local employment, increases awareness and uptake of renewable energy opportunities, increases awareness of environmental issues, and provides options for addressing these.

Offsets summary

Proof of cancellation of offset units

Table 6

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	Eligible Quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
Rice Husk Based Thermal Energy Generation Project at Thot Not	VCUs	Verra	25 Aug 2021	3984-170796055-170796111-VCU-008-APX-VN-1-908-01032014-30062014-0	2014	57	0	0	57	100%
Total offsets retired this report and used in this report										57
Total offsets retired this report and banked for future reports										0

5. USE OF TRADE MARK

Table 7

Description where trademark used	Logo type
Website	Certified Organisation
Email signatures	Certified Organisation
Marketing materials	Certified Organisation
Client Proposals	Certified Organisation
Digital advertising	Certified Organisation



APPENDIX 1

Excluded emissions

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

Table 8

Relevance test					
Excluded emission sources	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>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.</i>
Equipment and PV Systems installed for clients	Yes	No	No	No	No

APPENDIX 2

Non-quantified emissions for organisations

Table 9

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial <1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>

N/A



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