



PUBLIC DISCLOSURE STATEMENT

AUSTRALIAN ESSENTIAL SERVICES GROUP

**ORGANISATION CERTIFICATION
CY2020 (TRUE-UP REPORT)**

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY: Australian Essential Services Group

REPORTING PERIOD: 1 January 2020 – 31 December 2020

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.

J. Rosham

Signature

22/04/2021

Date

JANE ROSHAM

Name of Signatory

GENERAL MANAGER

Position of Signatory



Australian Government
Department of Industry, Science,
Energy and Resources

Public Disclosure Statement documents are prepared by the submitting organisation. The material in 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 documents and disclaims liability for any loss arising from the use of the document for any purpose.

Version number February 2021

1. CARBON NEUTRAL INFORMATION

Description of certification

Our organisation certification covers the business operations of Australian Essential Services Group Pty Ltd (AESG), ABN 15 096 873 004.

The organisational boundary included the following locations and facilities:

- Head Office, located at 2 / 120 Upper Heidelberg Road, Ivanhoe Victoria 3079
- Field Inspectors who operate throughout Victoria, NSW, SA, Queensland, WA, ACT, NT and Tasmania

Our base year assessment has enabled us to measure a base year of emissions, identify immediate reductions, offset the remaining emissions and set sustainable goals and influence our company's strategies for the future.

AESG originally submitted our first year of certification as a projection of 2020 based on 2019 data and this report is the true-up of that projection.

“The world is clearly being adversely impacted by climate change. We believe at AESG that it is the responsibility of everyone to make a difference no matter how big or small in safeguarding our future.”

Organisation description

Australian Essential Services Group is a national independent auditor providing fire safety services. Our specialised audits review the maintenance and compliance of fire equipment, building essential safety measures and building health and safety. Our services extend to compliance consultation for properties under Building Notice Orders, providing insurance reports, in-depth investigation and management of combustible cladding works, as well as fire door tagging and compliance, evacuation diagrams, slip testing and ten-year maintenance plans.

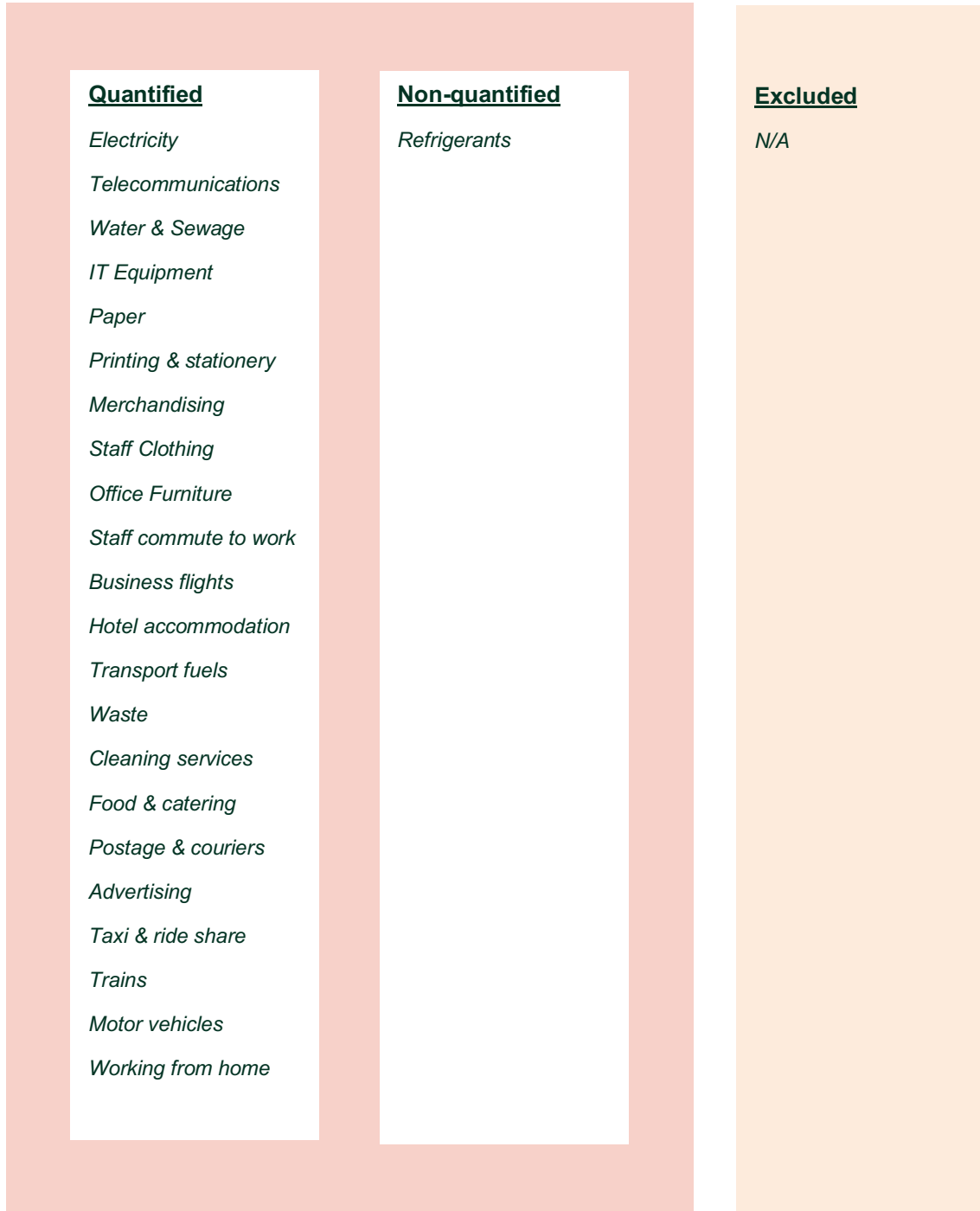
Our long-standing relationships with our clients extend back to our establishment in 1996 and we now provide services to more than 800 organisations across Australia. We provide our auditing and safety measures services to owners' corporations, property management, aged care, health services, government and semi-government organisations, industrial, retail and commercial clients.

AESG has auditors located in metropolitan Melbourne and throughout regional Victoria, Sydney and regional New South Wales, Brisbane, Adelaide, Perth, Darwin and in Tasmania. We are committed to supporting regional communities through local employment.

Our operations are based in Melbourne, where our team coordinates the completion and delivery of more than 25,000 inspections and real-time reports each year. Our Quality Management System has been certified with ISO 9001 (2015) accreditation.

2. EMISSION BOUNDARY

Diagram of the certification boundary



Non-quantified sources

Refrigerants were considered immaterial and non-quantified as per Appendix 2.

Data management plan

N/A

Excluded sources (outside of certification boundary)

N/A

“AESG is fulfilling its responsibility to take action. Carbon Active is one initiative undertaken by AESG as we continue to make changes to our business to reduce our carbon footprint.”

3. EMISSIONS SUMMARY

Emissions reduction strategy

Australian Essential Services Group's emission reduction strategy involves:

- Measuring and reporting on our energy consumption and carbon footprint
- Acting on opportunities to reduce our emissions by improving operational efficiencies
- Investing in technological innovations to reduce our resource consumption
- Embracing technologies such as hybrid motor vehicles
- Continuing to employ locally, to both support regional communities and reduce our travel footprint
- Encouraging our suppliers to reduce carbon impacts in our supply chain
- Educating and engaging our team to reduce work-related emissions
- Offsetting our residual annual carbon emissions to achieve net-zero emissions by purchasing offsets that meet the requirements of the National Carbon Offset Standard

Australian Essential Services Group is developing a more detailed Emissions Reduction Strategy, based on the actions listed above, that will include timelines, key performance indicators and targets over the next two years.

True up information

True up of total net emissions

1) Projected emissions for reporting period	254.456 t CO ₂ -e
2) Actual emissions for reporting period	193.813 t CO ₂ -e
3) Difference	60.643 t CO ₂ -e

Emissions summary (inventory)

Table 1

Emission source category	Project emissions tonnes CO ₂ -e	Actual Emissions tonnes CO ₂ -e
Accommodation and facilities	11.454	3.422
Air Transport (km)	29.081	16.133
Cleaning and Chemicals	0.504	1.464
Electricity	30.935	18.681
Food	27.270	6.299
ICT services and equipment	15.159	17.639
Land and Sea Transport (\$)	0.935	0.626
Land and Sea Transport (fuel)	101.165	82.629
Land and Sea Transport (km)	12.117	15.331
Machinery and vehicles	0.000	18.962
Office equipment & supplies	7.648	2.357
Postage, courier and freight	9.894	0.677
Products	4.428	0.483
Professional Services	0.400	1.985
Refrigerants	0.000	0.000
Waste	1.880	1.273
Water	1.586	0.166
Working from home	0.000	5.686
<i>Total Net Emissions</i>	254.456	193.813

Uplift factors

Table 2

Reason for uplift factor	Project emissions tonnes CO ₂ -e	Actual Emissions tonnes CO ₂ -e
N/A	N/A	N/A
<i>Total footprint to offset (uplift factors + net emissions)</i>	254.456	193.813

Carbon neutral products

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

Electricity summary

Electricity was calculated using a market-based approach.

Table 3: Market-based approach summary

Market-based approach	Activity Data (kWh)	Emissions (kgCO ₂ e)	Renewable %
Behind the meter consumption of electricity generated	0	0	0.0%
Total non-grid electricity	0	0	0.0%
LGC Purchased and retired (kWh) (including PPAs)	0	0	0.0%
GreenPower	2,873	0	11.5%
Jurisdictional renewables	0	0	0.0%
Residual Electricity	17,326	18,681	0.0%
Large Scale Renewable Energy Target (applied to grid electricity only)	4,834	0	19.3%
Total grid electricity	25,033	18,681	30.8%
Total Electricity Consumed (grid + non grid)	25,033	18,681	30.8%
Electricity renewables	7,706	0	
Residual Electricity	17,326	18,681	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO ₂ e)		18,681	

Emission Footprint (TCO₂e)	19
LRET renewables	19.3%
Voluntary Renewable Electricity	11.5%
Total renewables	30.8%

Table 4: Location-based approach summary

Location-based approach	Activity Data (kWh)	Emissions (kgCO ₂ e)
Vic	25,033	27,285
Grid electricity (scope 2 and 3)	25,033	27,285
Total Electricity Consumed	25,033	27,285

Emission Footprint (TCO₂e)	27
--	-----------

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	194
3. Net offset balance for this reporting period	194
4. Total offsets to be forward purchased to offset the next reporting period	61
5. Total offsets required for this report	194

Co-benefits

The Aboriginal Carbon Fund aligns with our values to embrace technology and innovative work solutions. Choosing the Fund reinforces our commitment to help Indigenous communities in rural areas and support local employment opportunities.

The international VCU credits are stapled with an Australian vegetation offset from Bendigo, Victoria (see project details on the following page). We have selected Orana Park, to reflect our company's Victorian heritage and large number of regional clients. The project is ambitious, encompassing regenerative farming, threatened species recovery and work into bio-links.

Orana Park

Orana Park is a 4,500ha farm northwest of Bendigo, Victoria owned and operated by the Tiverton Agriculture Impact Fund (TAIF).

TAIF’s work with Orana Park will see the full restoration of riparian vegetation along the banks of the 33km Loddon river as well as a purpose-built wildlife sanctuary.

Orana Sanctuary has been built for Australian threatened species protection and breeding on 200ha of predator- proof land.

The sanctuary will become a new home for the critically endangered Eastern Bettong and Bush Stone Curlew incubation and recovery programs.

Size Hectares	4,580
Riparian Protection	33km
Biodiversity Corridors	800ha
Soil Sequestration	300,000t CO2
Threatened Species	Eastern Bettong
NCU Allocation	95,000



MT ROTHWELL
NATURAL CAPITAL



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 (TCO2-e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
Savana Burning – Aboriginal Carbon Fund	ACCUs	ANREU	25 Aug 2020	3,772,959,742-3,772,959,796	2018	55	0	0	55	28%
CECIC HKC Gansu Changma Wind Power project in China	VCU	Verra	25 Aug 2020	7822-430602343-430602542-VCU-034-APX-CN-1-717-01012019-28092019-0	2019	200	0	61	139	72%
Total offsets retired this report and used in this report										194
Total offsets retired this report and banked for future reports										61

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Australian Carbon Credit Units (ACCUs)	55	28%
Verified Carbon Units (VCUs)	139	72%

5. USE OF TRADE MARK

Table 7

Description where trademark used	Logo type
Website	Certified organisation
Social Media Posts (LinkedIn, Instagram, Facebook)	Certified organisation
Motor Vehicles	Certified organisation
Sales Proposals and Tender Responses	Certified organisation
Printed and Electronic Marketing Collateral	Certified organisation

6. ADDITIONAL INFORMATION

Why are you carbon neutral?

We are proud to be the first fire services organisation in Australia to achieve carbon neutral certification.

We have made a commitment to our staff, clients and partners to better understand our environmental impact and actively make changes to the way we conduct business across Australia. We have seen great satisfaction amongst our staff and clients that we are taking action on climate change and we will actively encourage the organisations we work with to reduce their carbon footprint.

Our longevity in the fire industry is attributable to our desire and willingness to explore new technologies and to challenge traditional ways of doing business. We have identified carbon neutral as a key driver of innovation, creativity and diversity in our sector. We want to lead our industry in new ways of developing and delivering business that fosters and encourages greater environmental and sustainable practices.

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>
N/A	N/A	N/A	N/A	N/A	N/A

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>
Refrigerants	Yes	No	No	No



An Australian Government Initiative

