



PUBLIC DISCLOSURE STATEMENT

POWERSHOP AUSTRALIA

**PRODUCT CERTIFICATION - GAS
CY2020**

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY: Powershop Australia

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.

Signature

Nathan McEwan

Date: 27/ 01/ 2022

Name of Signatory: **Nathan McEwan**

Position of Signatory: **Chief Customer Officer**



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

This Public Disclosure Statement (PDS) supports Powershop's (ABN - 41 154 914 075) ongoing accreditation under the Climate Active standard, Carbon Neutral Program that covers Powershop's Carbon Neutral Gas Product accreditation. It details for the 1 January 2020 to 31 December 2020 period:

- All emissions associated with retailing gas products to customers;
- how we define and measure those emissions; and
- how we use Verified Carbon Units and Carbon Emissions Reduction certificates to neutralise the impact made by business operations.

“Climate Active accreditation is a clear, independent and transparent way to demonstrate our commitment and authenticity to taking action to protect our climate.”

Powershop has prepared this inventory based on the Climate Active standard and its associated guidance documents. Detailed in Meridian Energy Australia's (MEA) Organisation accreditation PDS are emissions attributable to organisational/operational activities of Powershop. Powershop also has a separate accreditation for its electricity product accreditation: <https://www.climateactive.org.au/buy-climate-active/certified-members/powershop>.

Functional Unit

The functional unit for our gas product is gigajoules (GJ) of natural gas sold per customer per year.

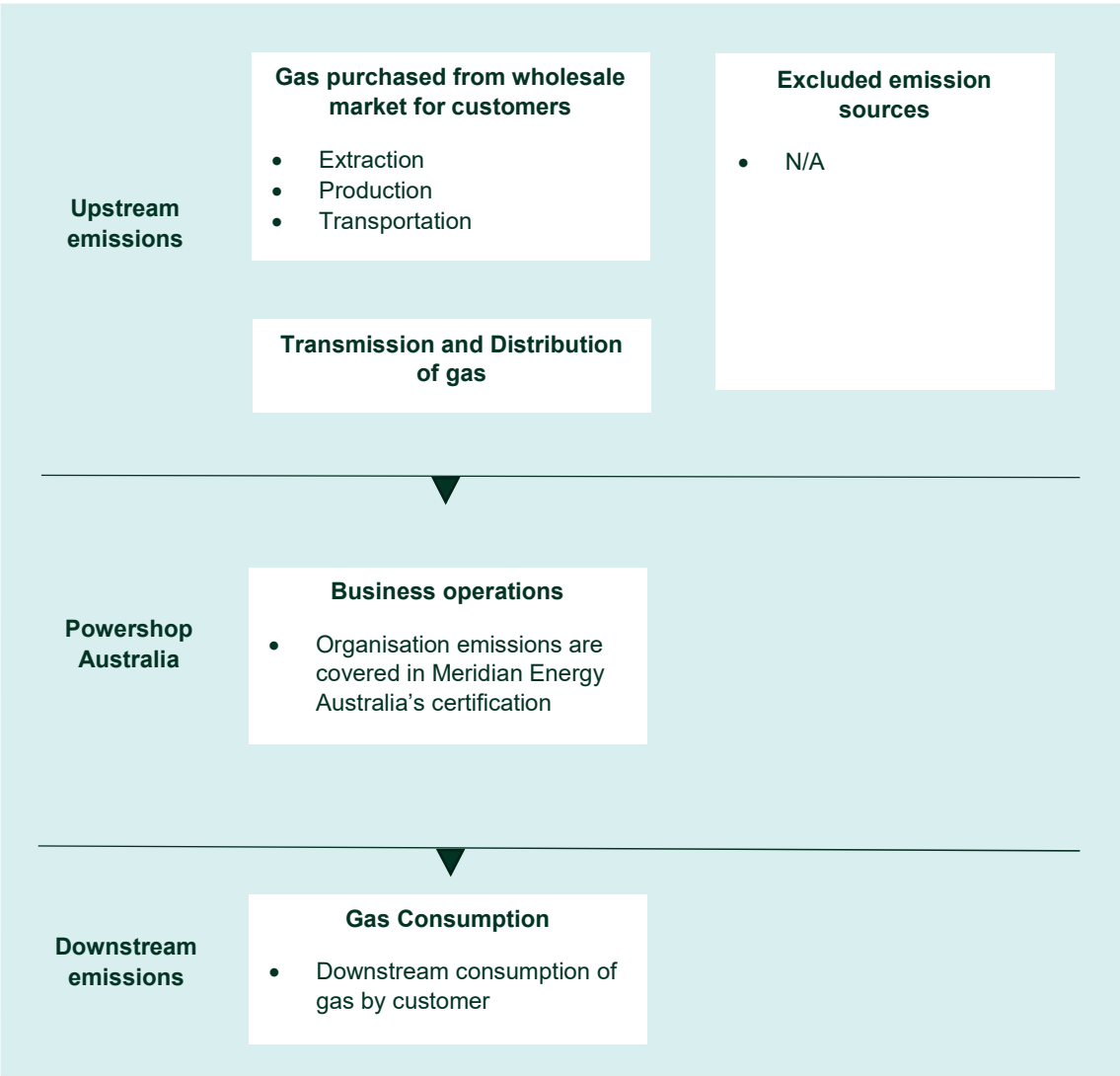
Organisation description

Meridian Energy Australia Pty Ltd (MEA) has a proud heritage of exclusively harnessing our earth's energy in generating affordable electricity through the Mt Millar and Mt Mercer wind farms, as well as the Hume, Burrinjuck and Keepit hydroelectric dams. Combined these assets generate approximately 874 GWh of electricity.

MEA's retail arm Powershop Australia Pty Ltd (Powershop), born sustainable, has led the Australia retail energy market by connecting and educating customers about the climate positive impacts of renewable energy generation and personal carbon footprint reduction via carbon neutral energy products.

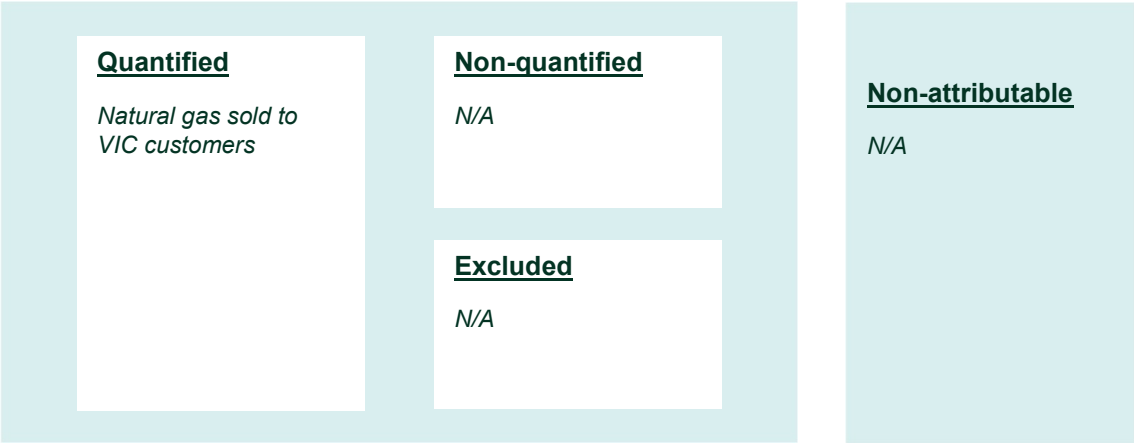
Product/service process diagram

The following diagram is cradle to grave



2. EMISSION BOUNDARY

Diagram of the certification boundary



Attributable non-quantified sources

N/A

Data management plan

N/A

Excluded sources (within certification boundary)

N/A

Non attributable sources (outside certification boundary)

N/A

“The Climate Active product accreditation gives our customer’s confidence that their energy usage is 100% offset and carbon neutral, because they are passionate about reducing the impact of their energy usage has on the environment.”

3. EMISSIONS SUMMARY

Emissions reduction strategy

Powershop continues to support customers to reduce their emissions attributable to their energy usage via:

1. **Education and Insights:** Our energy App allows customers to track and manage their energy to better understand high usage periods and potentially less efficient appliances. Over the next 5 years we are aiming to grow monthly customer engagement with these tools to >85% of all customers.

Emissions over time

Powershop has experienced a continued growth in emissions attributable to customer gas usage. Since its base reporting year, Powershop has added over 120,000 new customers.

Table 1

Emissions since base year			
	Base year Year 1: 2018	Year 2: CY2019	Current year Year 3: CY2020
Total tCO ₂ -e	10,323	57,185	94,129

Emissions reduction actions

Emission reduction actions are detailed in Meridian Energy Australia's Public Disclosure Summary

Functional units

Table 2

	Number of functional units
<i>a) Number of functional units sold this period</i>	1,695,110

Emissions summary (inventory)

Table 3

Emission source category	tonnes CO ₂ -e
Natural gas sold to customers in VIC	94,129
1. Total inventory emissions	94,129
a. Number of functional units represented by the inventory emissions	1,695,110
2. Emissions per functional unit (based on the number of functional units represented by the inventory) Total tCO ₂ -e divided by the number of functional units in 1a.	55.53
3. Carbon footprint (Emissions per functional unit (2) * number of functional units (a or b from table 2))	94,129

Uplift factors

N/A

Carbon neutral products

N/A

4. CARBON OFFSETS

Offsets strategy

Table 5

Offset purchasing strategy:	
In arrears	
1. Total offsets previously forward purchased and banked for this report	50
2. Total emissions liability to offset for this report	94,129
3. Net offset balance for this reporting period	94,079
4. Total offsets to be forward purchased to offset the next reporting period	180
5. Total offsets required for this report	94,259

Co-benefits

Landfill Gas Recovery and Utilisation at Bukit Tagar Sanitary Landfill, Hulu Selangor in Malaysia

Apart from reducing CH₄, the implementation of the landfill gas recovery and utilization project will also reduce the effects of air pollution on surrounding environments and minimize the risks of an explosion due to the concentration of accumulated landfill gas. The generation of renewable energy from the captured landfill gas will inevitably contribute to the nation's renewable energy drive.

On economic implications of the project, the implementation of the project will lead to an increase in employment opportunities and contribute to the local economy, especially in the form of foreign investment for local technological support and contractors.

On the social aspects, the improvement of the local environment due to the reduction of harmful landfill gases otherwise released to the atmosphere will improve the working environment for the workers on-site as well as for the health of surrounding community. All the above positive impacts will contribute to the overall sustainable development of Malaysia.

Brazil Gas landfill Project

The project activity promotes a significant positive impact towards sustainable development in Brazil. First, while reducing methane emissions, it also minimises the risk of explosions in the landfill site (although the Central de Resíduos do Recreio Landfill's engineering and design specifically aims to avoid these types of

accidents). Secondly, given the fact that at the time of the project design initial conceptualisation, initiatives of this type were relatively new in Brazil, at that time it was assumed that the implementation and operation of the project activity would represent a significant technology transfer. Thirdly, while specialised operators are needed for the project operation, that represents positive impact in terms of employment and capacity-building in the region. The aforementioned elements concur in making the project extremely vital in the context of sustainable development.

While the project activity also encompasses generation of electricity from a non-conventional renewable energy source, the installation and operation of the project's electricity generation facility also represents promotion of additional local job opportunities (for building and operating the project's electricity generation facility). The project's electricity generation facility fuelled by LFG is expected to be used as a relevant technological demonstration initiative in the Southern region of Brazil for the promotion of electricity generation using non-conventional renewable energy source. The use of LFG as fuel for electricity generation is still not common practice in Brazil. It is the intention of the project participant to establish cooperation agreements with local NGOs, academia and community in order to demonstrate and promote this type of initiative.

Metro Delhi, India

The aim of the project is to develop a metro system which complements other modes of transport and replaces trips made by conventional or traditional means of transit by metro. The project provides more efficient, faster, safer and more reliable transport means to the local communities. The metro has as main environmental aspect that the resource efficiency of transporting passengers in Delhi is improved i.e. emissions per passenger kilometre are reduced compared to the situation without project.

Thaa-Nguiuaar Carbon Project Carbon Farming Initiative

The Thaa-Nguiuaar Savanna Burning Project is an early dry season Savanna burning project aimed at reducing late dry season wildfires, and therefore reducing carbon emissions.

Balkanu Cape York Development Corporation Pty Ltd is the project proponent in association with the land holder Poonko Aboriginal Corporation and the Prescribed Body Corporate Thaa-Nguigarr. The project is carried out on Strathgordon Station covering an area of 118,000 hectares.

The project was declared by the Clean Energy Regulator on 20 December 2016. A fire management program was instigated in 2016 and continues to the present. This mitigates wildfire risk, conserves vegetation and animal species, protects wetlands and controls weeds. Burning takes place in the Early Dry Season each year, before the start date of the Late Dry Season of the 1st August. The operations are conducted by Traditional Owners and other staff as required.

The revenue from the sale of the carbon credits obtained enables Traditional Owners to support their landholding obligations and cultural and environmental aspirations for the property.

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 (%)
Landfill Gas Recovery and Utilisation at Bukit Tagar Sanitary Landfill, Hulu Selangor in Malaysia	CERs	ANREU	21 May 2020	9,891,527 - 9,948,811	2013	57,285	57,235	0	50	0.05%
Brazil Gas landfill Project	CERs	ANREU	24 Apr 2021	97,997,931 - 98,009,015 113,703,740 - 113,703,839 113,703,840 - 113,779,335	2013	86,681	0	0	86,681	92.09%
Metro Delhi, India	CERs	ANREU	24 Apr 2021	253,137,226 - 253,144,673	2013	7,448	0	180	7,268	7.72%
Metro Delhi, India	CERs	ANREU	24 Apr 2021	253,144,674 - 253,144,772 253,137,225 - 253,137,225	2013	100	0	0	100	0.11%
Thaa-Nguiaar Carbon Project Carbon Farming Initiative	KACCU	ANREU	1 Jun 2021	3800,967,381 - 3,800,967,410	2019-20	30	0	0	30	0.03%

<i>Total offsets retired this report and used in this report</i>	94,129
<i>Total offsets retired this report and banked for future reports</i>	180

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Australian Carbon Credit Units (ACCUs)	30	0.03%
Certified Emissions Reductions (CERs)	94,099	99.97%

5. USE OF TRADE MARK

Table 7

Description where trademark used	Logo type
Gas Bill	Certified product

6. ADDITIONAL INFORMATION

N/A

APPENDIX 1

Non-attributable emissions for products and services

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

Table 8

Relevance test					
Non-attributable emission	<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

APPENDIX 2

Non-quantified emissions for products/services

Please advise which of the reasons applies to each of your non-quantified emissions. You may add rows if required.

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

APPENDIX 3

Proof of retirements



27 April 2021

To whom it may concern,

Voluntary cancellation of units in ANREU

This letter is confirmation of the voluntary cancellation of units in the Australian National Registry of Emissions Units (ANREU) by ANREU account holder, Carbon Financial Services Pty Ltd (account number AU-2321).

The details of the cancellation is as follows:

Date of transaction	24 April 2021
Transaction ID:	AU18117
Type of units	CER
Number of units	94,229
Serial number range (Associated Kyoto Project ID)	97,997,931 - 98,009,015 (BR-648) (11,085 CER) 113,703,740 - 113,703,839 (BR-648) (100 CER) 113,703,840 - 11,779,335 (BR-648) (75,496 CER) 253,144,674 - 253,144,772 (IN-4463) (99 CER) 253,137,226 - 253,144,673 (IN-4463) (7,448 CER) 253,137,225 - 253,137,225 (IN-4463) (1 CER)
Transaction comment	Powershop gas product accreditation Climate Active CAL2020

Details of all voluntary cancellations in the ANREU are published on the Clean Energy Regulator's website,

<http://www.cleanenergyregulator.gov.au/OSR/ANREU/Data-and-information>

If you require additional information about the above transactions, please email [registry-](mailto:registry-contact@cleanenergyregulator.gov.au)

contact@cleanenergyregulator.gov.au

Yours sincerely,

David O'Toole
ANREU Operations and International Engagement
NGER and Safeguard Branch
Scheme Operations Division
Clean Energy Regulator
registry-contact@cleanenergyregulator.gov.au
www.cleanenergyregulator.gov.au



01 June 2021

To whom it may concern,

Voluntary cancellation of units in ANREU

This letter is confirmation of the voluntary cancellation of units in the Australian National Registry of Emissions Units (ANREU) by ANREU account holder, Carbon Financial Services Pty Ltd (account number AU-2321).

The details of the cancellation are as follows:

Date of transaction	01 June 2021
Transaction ID:	AU18579
Type of units	KACCU
Number of units	30
Serial number range	3,800,967,381 – 3,800,967,410
Associated ERF Project Name	Thaa-Nguiuaa Carbon Project
Associated ERF Project ID	ERF109636
Transaction comment	Powershop gas product accreditation Climate Active CAL2020

Details of all voluntary cancellations in the ANREU are published on the Clean Energy Regulator's website,

<http://www.cleanenergyregulator.gov.au/OSR/ANREU/Data-and-information>

If you require additional information about the above transactions, please email [registry-](mailto:registry-contact@cleanenergyregulator.gov.au)

[contact@cleanenergyregulator.gov.au](mailto:registry-contact@cleanenergyregulator.gov.au)

Yours sincerely,

David O'Toole
ANREU and International
NGER and Safeguard Branch
Scheme Operations Division
Clean Energy Regulator
registry-contact@cleanenergyregulator.gov.au
www.cleanenergyregulator.gov.au

GPO Box 621 Canberra ACT 2601 1300 553 542

registry-contact@cleanenergyregulator.gov.au

www.cleanenergyregulator.gov.au1

Transaction ID	AU15018
Current Status	Sending (91)
Status Date	21/05/2020 13:04:03 (AEST) 21/05/2020 03:04:03 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Stuart, Benjamin Mathew Clarke
Transaction Approver	Rockliff, Nathan Stephen
Comment	Powershop gas product accreditation

Transferring Account

Account Number	AU-2321
Account Name	Carbon Financial Services Pty. Ltd.
Account Holder	Carbon Financial Services Pty. Ltd.

Acquiring Account

Account Number	AU-2764
Account Name	Voluntary Cancellation – CP2
Account Holder	Commonwealth of Australia

Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
MY	CER	Kyoto Voluntary Cancellation	2	2					MY-2467			9,891,527 - 9,948,811	57,285

Transaction Status History

Status Date	Status Code
21/05/2020 13:04:03 (AEST) 21/05/2020 03:04:03 (GMT)	Proposed (1)
21/05/2020 13:04:03 (AEST) 21/05/2020 03:04:03 (GMT)	Sending (91)
21/05/2020 13:04:02 (AEST) 21/05/2020 03:04:02 (GMT)	Account Holder Approved (97)
21/05/2020 12:58:02 (AEST) 21/05/2020 02:58:02 (GMT)	Awaiting Account Holder Approval (95)



An Australian Government Initiative

