

Australian Government
Climate Active
Public Disclosure Summary



An Australian Government Initiative


Organisation name: Powershop Australia

Accreditation: Electricity – Product

Reporting period: Calendar year 2019

Declaration

To the best of my knowledge, the information provided in this Public Disclosure Summary is true and correct and meets the requirements of the Climate Active Standard Carbon Neutral Program.

Signature: 	Date: 31 August 2020
Name of Signatory: Clementine Smith	
Position of Signatory: General Counsel	

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Australian Government
Department of Industry, Science,
Energy and Resources

1. Carbon neutral information

1A. Introduction

Meridian Energy Australia Pty Ltd (**MEA**) has a proud heritage of 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, enough to supply approximately 174,000¹ homes.

MEA's retail arm Powershop Australia Pty Ltd (**Powershop**) seeks to drive investment in renewable energy through Powershop's Your Community Energy electricity product, partnership with the community owned Hepburn Wind Farm and Power Purchasing Agreements with renewable energy generators.

This Public Disclosure Statement (**PDS**) supports Powershop's ongoing accreditation under the Climate Active standard, Carbon Neutral Program that covers Powershop's Carbon Neutral corporate 'Product' accreditation. It details for the 1 January 2019 to 31 December 2019 period:

- All emissions associated with retailing electricity and 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.

Powershop has prepared this inventory based on the Climate Active standard and its associated guidance documents.

Detailed in Meridian Energy Australia's Organisation accreditation PDS are emissions attributable to organisational/operational activities of Powershop. Powershop also has a separate accreditation for its gas product accreditation.

¹ <https://www.powershop.com.au/our-generation/>

1B. Emission sources within certification boundary

Quantified sources

Powershop has identified the following emission sources within our emission boundary.

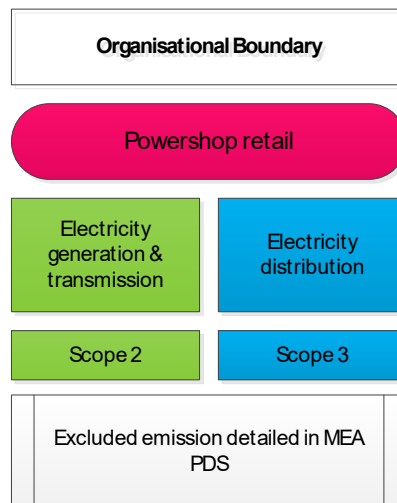
Scope	Emissions	Source
2	Electricity purchased from the market and sold to customers.	Powershop sell electricity across the NEM to end-use customers for consumption at their home or business.
3	Electricity purchased from the market and sold to customers - consumption of purchased electricity by end users.	Powershop sell electricity across the NEM to end-use customers for consumption at their home or business.

As stated above, Powershop has detailed in Meridian Energy Australia’s Organisation accreditation PDS, emissions attributable to the organisational/ operational activities of Powershop. Powershop also has a separate accreditation for its gas product accreditation.

Excluded sources

Excluded sources are detailed in Meridian Energy Australia’s Public Disclosure Summary.

1C. Diagram of the certification boundary



2. Emissions reduction measures

2A. Emissions over time

Powershop has experienced a growth in emissions attributable to the growth and size of the business since the base year reporting period. Since its base year, Powershop has grown by over 100,000 customers.

Table 1. Emissions since base year					
	Base Year: 2014 - 2015	Year 1: 2015 - 2016	Year 2: 2016 - 2017	Year 3: 2017 – 2018 (18 month report)	Current year: 2019
Scope 2	187,998	352,280	468,617	747,741	509,137.06
Scope 3	1,837	4,448	5,868	60,340	47,292.49
Total (t CO ₂ -e)	189,835	356,728	474,485	808,081	556,429.55

2B. Emissions reduction strategy

Emission reduction strategies are detailed in Meridian Energy Australia’s Public Disclosure Summary.

2C. Emissions reduction actions

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

3. Emissions summary

Table 2: Emissions Summary		
Scope	Emissions	t CO₂-e
2	Electricity sold to Victorian homes and businesses	342,008.21
2	Electricity sold to New South Wales homes and businesses	154,005.49
2	Electricity sold to south east Queensland homes and businesses	35,420.47
2	Electricity sold to South Australian homes and businesses	880.98
3	Electricity sold to Victorian homes and businesses	30,177.20
3	Electricity sold to New South Wales homes and businesses	15,210.42
3	Electricity sold to south east Queensland homes and businesses	3,935.61
3	Electricity sold to South Australian homes and businesses	120.13
Total Gross Emissions (including GreenPower purchases)		581,758.51
GreenPower Purchases (expressed in tCO ₂ -e)		- 25,328.96
Total Net Emissions (net of GreenPower purchases)		556,429.55

4. Carbon offsets

4A. Offsets summary

Table 3. Offsets Summary						
Projects supported by offset purchase	Eligible offset units	Registry	Cancellation date	Serial numbers (including hyperlink to registry transaction record)	Vintage	Quantity
Redd Forests Grouped Project: Protection of Tasmanian Native Forest	VCUs	VERRA	21 May 2020	4147-176346892-176349601-VCU-016-MER-AU-14-641-16042012-15042013-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=114394	2013	2,710
Landfill Gas Recovery and Utilization at Bukit Tagar Sanitary Landfill, Hulu Selangor in Malaysia	CERs	ANREU	21 May 2020	9,948,812 - 10,038,334 https://cdm.unfccc.int/Projects/DB/DNV-CUK1238680609.1/view	2013	89,523
Energy Efficiency Improvement of Mae Moh Power Plant Through Retrofitting Turbines	CERs	ANREU	21 May 2020	10,342,085 - 10,523,083 https://cdm.unfccc.int/Projects/DB/TUEV-RHEIN1355199535.37/view	2013	180,999
Landfill Gas Recovery and Utilization at Bukit Tagar Sanitary Landfill, Hulu Selangor in Malaysia	CERs	ANREU	21 May 2020	10,479,089 - 10,762,268 https://cdm.unfccc.int/Projects/DB/DNV-CUK1238680609.1/view	2013	283,180
Landfill Gas Recovery and Utilization at Bukit Tagar Sanitary Landfill, Hulu Selangor in Malaysia	CERs	ANREU	21 May 2020	9,948,761 - 9,948,811 https://cdm.unfccc.int/Projects/DB/DNV-CUK1238680609.1/view	2013	50
Total offsets cancelled						556,462
Total offsets banked for use future years:						32
Serial number range: 4147-176346892-176349601-VCU-016-MER-AU-14-641-16042012-15042013-0						

4B. Offsets purchasing and retirement strategy

The Offsets purchasing and retirement strategy is detailed in the Meridian Energy Australia's Public Disclosure Summary.

5. Use of trade mark

Table 4. Trade mark register	
Where used	Logo type
Electricity bill	Certified product