



PUBLIC DISCLOSURE STATEMENT

ROSS HILL WINE GROUP
ORGANISATION CERTIFICATION
JULY 2019 – 20

Australian Government
Climate Active
Public Disclosure Statement

ROSS HILL
ORANGE NSW AUSTRALIA



An Australian Government Initiative



NAME OF CERTIFIED ENTITY: Ross Hill Wine Group

REPORTING PERIOD: 1 July 2019 – 30 June 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

A handwritten signature in blue ink, appearing to read "James Hammond Robson".

Date 08/12/2020

Name of Signatory: James Hammond Robson

Position of Signatory: Managing Director



Australian Government
Department of Industry, Science,
Energy and Resources

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1. CARBON NEUTRAL INFORMATION

Description of certification

The carbon neutral certification covers the operation of Ross Hill Wine Group's vineyards, wine making, cellar door, tasting room and sales operations in the Orange Region NSW. All wine brands and varieties product by the Ross Hill Wine Group have been separately certified as carbon neutral by Climate Active.

Organisation description

The Ross Hill Wine Group roots were firmly planted in 1994 by Peter and Terri Robson. Joined by their son James and wife Chrissy in 2006 to continue the hard work, passion and dedication to produce exceptional quality and elegantly refined, cool climate Ross Hill Wines.

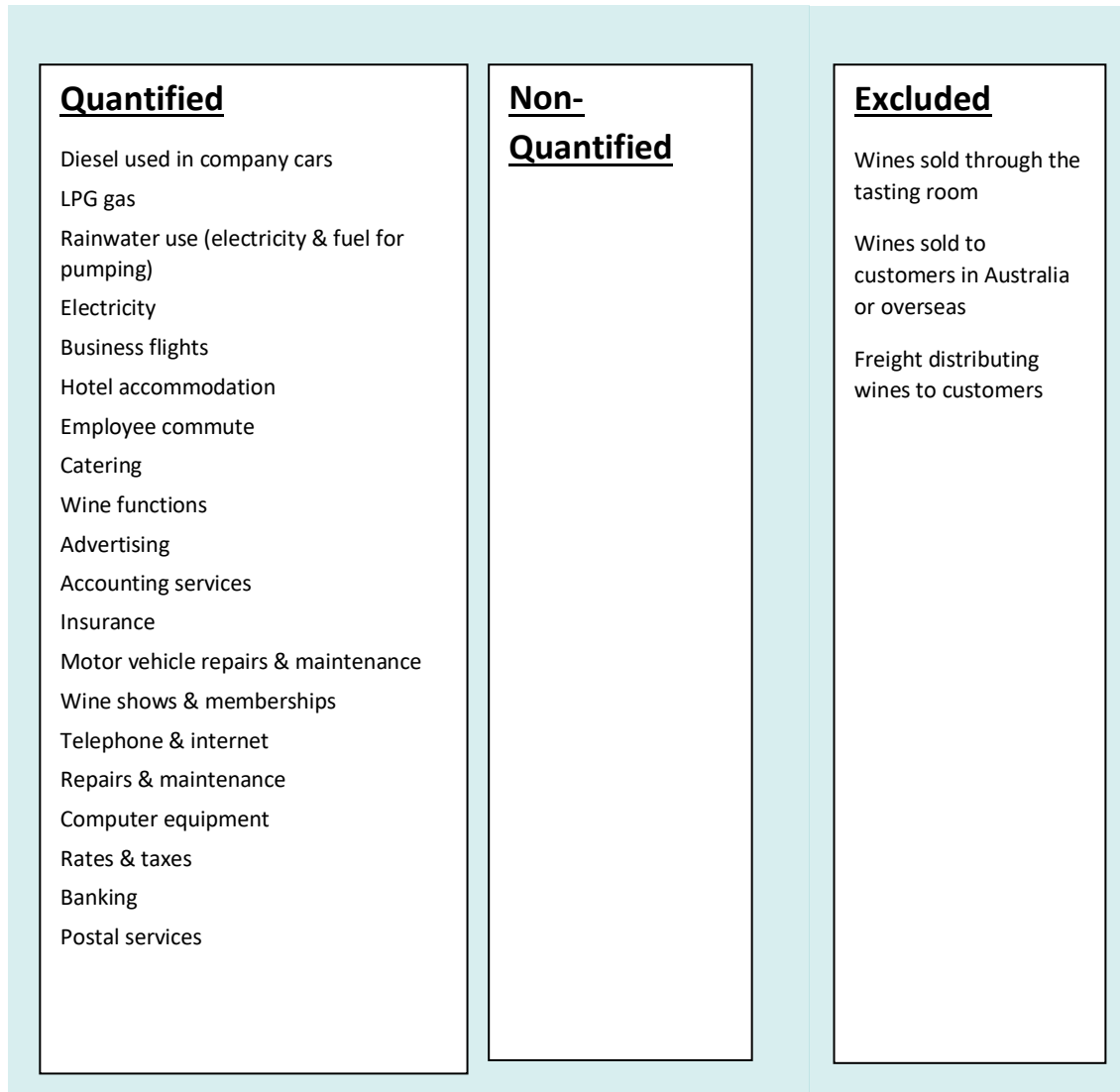
In 2008 wine making duo Phil and Rochelle Kerney joined the family. Phil brings with him 15 years of wine making experience both in Australia and Internationally. Rochelle has been by Phil's side through much of his winemaking journey and is herself working towards her own qualification as a winemaker. The Kerney's have brought with them an enormous amount of passion, care and knowledge of wine and the winemaking process, which fits perfectly into our family mould. In 2014 Phil & Rochelle were recognised by Gourmet Traveller Wine magazine as winemaker(s) of the year finalists.

The Ross Hill Vineyard is situated on the gentle north facing slopes of Griffin Rd, Orange at an elevation ranging from 750 to 850 metres. Such elevation presents its self in our wines that are so distinctively high altitude and cool climate produce.

Covering the hills with 12 hectares (ha) of established vine we are able to grow the majority of the grapes used in our wines. Ross Hill white wine varieties include Chardonnay & Sauvignon Blanc, and the iconic red styles of Merlot, Shiraz and Cabernet Franc, Cabernet Sauvignon and Cabernet Shiraz.

2. EMISSION BOUNDARY

Diagram of the certification boundary



Non-quantified sources

All relevant emission sources were quantified

Data management plan

Not required

Excluded sources (outside of certification boundary)

The excluded emission sources have been included in the separate carbon neutral certification for Ross Hill's wine range. Emissions are shown in the separate Public Disclosure Statement for the product range.

3. EMISSIONS SUMMARY

Emissions reduction strategy

We have taken a number of initiatives to reduce our carbon footprint.

We collect our own rainwater

We have installed 34 kW of solar panels.

With introduction of solar panels on the roof at the winery in September 2013, our electricity and gas expenses for period July 2013 to June 2014 were further reduced from \$18,000 to \$9,200.

Emissions over time

Table 1

Emissions since base year		
	Base year: 2014 – 2015	Current year Year 5: 2019 – 2020
<i>Total tCO₂-e</i>	109.4	69.93

Reductions in emissions in the reporting period were mainly as a result of Covid-19 restriction including shutdowns and border closures which reduced visitors to the cellar door.

Emissions reduction actions

In 2016 we had a review on our solar panels as we were concerned with their efficiency. The review found that faults were found in the system and they advised that 128 panels needed replacing with more efficient and superior solar panels. We have been keeping a log since the upgrade. The results are showing good, consistent performance since major upgrade in 2016. Monthly logging is an effective way of monitoring performance of the system to ensure the maximum benefits are extracted.

In 2016 we replaced two of our old, larger tractors for two new fuel efficient smaller tractors, which has resulted in a 25% decrease in diesel use.

In 2018 – 2019 we changed to a carbon neutral electrical supplier for 100% of our grid electricity.

Emissions summary (inventory)

Table 2.

Emission source category	tonnes CO ₂ -e
Accommodation and facilities	0.53
Air Transport (km)	4.07
Carbon neutral electricity	0.00
Wine shows	0.15
Food	0.94
ICT services and equipment	6.48
Land and Sea Transport (fuel)	7.14
Land and Sea Transport (km)	11.31
Machinery and vehicles	7.47
Postage, courier and freight	0.05
Professional Services	17.99
Stationary Energy	9.88
Waste	3.91
<i>Total Net Emissions to Offset</i>	69.93

Uplift factors

Table 3

Reason for uplift factor	tonnes CO ₂ -e
Nil	0
<i>Total footprint to offset (uplift factors + net emissions)</i>	69.93

Carbon neutral products

- Carbon neutral electricity (Powershop)

Electricity summary

Electricity was calculated using a Market-based approach.

The Climate Active team are consulting on the use of a market vs location-based approach for electricity accounting with a view to finalising a policy decision for the carbon neutral certification. Given a decision is still pending on the accounting way forward, a summary of emissions using both measures have been provided for full disclosure and to ensure year on year comparisons can be made.

Market-based approach electricity summary

Table 4

Electricity inventory items	kWh	Emissions (tonnes CO ₂ e)
Electricity Renewables	18,792	0.00
Electricity Carbon Neutral Power	101,031	-109.22
Electricity Remaining	82.24	88.91
Renewable electricity percentage	19%	
<i>Net emissions (Market based approach)</i>		0

Location-based summary

Table 5

State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO ₂ e)
ACT/NSW	Electricity Renewables	-	-0.90	0.00
ACT/NSW	Electricity Carbon Neutral Power	101,031	-0.90	-90.93
ACT/NSW	Netted off (exported on-site generation)	-	-0.81	0.00
ACT/NSW	Electricity Total	101,031	0.90	0.00
	<i>Total net electricity emissions</i>		0.00	0.00

4. CARBON OFFSETS

Offset purchasing strategy: in arrears

Offsets will be purchased and retired in arrears at the end of the reporting period

Offsets summary

Table 6.

1. Total offsets required for this report				70					
2. Offsets retired in previous reports and used in this report				0					
3. Net offsets required for this report				70					
Project description	Eligible offset units type	Registry unit retired in	Date retired	Serial number (including hyperlink to registry transaction record)	Vintage	Quantity (tonnes CO2-e)	Quantity used for previous report	Quantity to be banked for future years	Quantity to be used in this report
Bundled Wind Power Project in Rajasthan by Orange Renewable Power Private Limited, India	VCUs	Verra	7 Dec 2020	8710-40969680-40969960-VCS-VCU-290-VER-IN-1-1465-01012020-30042020-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=122551	2020	281**	0	0	70
Total offsets retired this report and used in this report							0		
Total offsets retired this report and banked for future reports							0		

**Remaining offsets have been retired to cover Ross Hill's separate product carbon neutral certification

5. USE OF TRADE MARK

Description where trademark used	Logo type
Website: https://www.rosshillwines.com.au/about-us/carbon-neutral-certification/	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 7.

Excluded Emission	Relevance Test				
	<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>
Wines sold to customers	Yes	Yes	Yes	No	No
Freight distributing wine	Yes	Yes	Yes	Yes	No

The excluded emission sources have been included in the separate carbon neutral certification for Ross Hill's wine range. Emissions are shown in the separate Public Disclosure Statement for the product range.

APPENDIX 2

Non-quantified emissions for organisations

Table 8.

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 emissions 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>
Nil	-	-	-	-