



PUBLIC DISCLOSURE STATEMENT

RACING TEAM (AUST) PTY LTD

ORGANISATION CERTIFICATION

CY2021

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Racing Team (Aust) Pty Ltd
REPORTING PERIOD	Calendar year: 1 January 2021 – 31 December 2021 Arrears report
DECLARATION	<i>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.</i>



Australian Government
**Department of Industry, Science,
 Energy and Resources**

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	628 tCO ₂ -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	65%
TECHNICAL ASSESSMENT	24 December 2021 Alden Kirkpatrick Pangolin Associates Pty Ltd Next technical assessment due: CY 2023 Inventory

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2. CARBON NEUTRAL INFORMATION

Description of certification

Business operations of Racing Team (Aust) Pty Ltd, trading as Dick Johnson Racing. ABN 24 602 914 410.

Organisation description

Racing Team (Aust) Pty Ltd, trading as Dick Johnson Racing and Formula DJR. There are no child companies.

ABN 24 602 914 410.

Dick Johnson Racing (DJR) is an Australian success story, spanning more than 40 years, Australia's oldest and most successful professional motor racing team.

The success of DJR on the track is driven by what we do off the track:

- Innovation in engineering, technology and operations.
- Discipline and professionalism in our methods both on and off the track in an endless drive for greater efficiency.

A positive culture that focuses on success – something that all of our fans and supporters, our commercial partners, our drivers and technical team and all DJR employees and their families can share in.

It's not just winning on the track that matters. It is about being a well-run business that provides secure employment, contributes to the national economy, supports social initiatives including charities, delivers entertainment and a great spectacle for millions of motorsport fans, and takes responsibility for our environmental footprint.

Our workshop and primary base of operations is at 10 Emeri Street, Stapylton, Queensland. We compete in the Repco Supercars Championship, which typically has 12 events each season in each state of Australia and New Zealand. We are able to take our race cars and all necessary equipment to each event around Australia in our B-Double Transporter.

“We like to lead, both on and off the race track, and off the race track we have been working hard to ensure that we leave a positive environmental legacy from our activities. Climate Active is an important part of that.”

3.EMISSIONS BOUNDARY

Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

Non-quantified emissions have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

Outside the emissions boundary

Excluded emissions are those that have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

Inside emissions boundary		Outside emission boundary
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Accommodation and facilities Cleaning and Chemicals Electricity Food ICT services and equipment Office equipment & supplies Postage, courier and freight Products Professional Services Refrigerants Stationary Energy (liquid fuels) Transport (Air) Transport (Land and Sea) Waste Water Working from home 	<p><u>Non-quantified</u></p> <p>N/A</p>	<p><u>Excluded</u></p> <p>N/A</p>

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.



4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Overall

- 2022 will provide challenges as event travel commitments increase back to pre-COVID pandemic levels, causing an increase to transport related emissions. Despite this, DJR will continue to target reducing overall emissions by 10% of 2021 emission levels from 2022 to 2025.

Electricity

- 100% GreenPower will continue to be purchased for all grid consumption in 2022, which will eliminate net electricity emissions.
- DJR intends to install Solar PV on the Workshop in 2022.

Transport (Land and Sea)

- Transport related emissions will continue to provide challenges and opportunities for significantly decreasing overall emissions. The target in 2022 is to investigate and propose strategies for reducing emissions from staff commuting, workshop transport vehicles and travel related emissions which can be actioned as soon as available.

Waste

- A 10% reduction of landfill waste relative to 2021 levels by the end of 2023 is targeted.

Refrigerants

- In 2022, improved data collection will be applied to increase the accuracy and understanding of refrigerant related emissions.

Office equipment & supplies

- Purchasing Climate Active carbon neutral certified paper from Opal will be adopted in 2022, which will reduce net emissions associated with paper for the year by 50%, and eliminate them the year after.

Other

- Some projects fall outside the scope of DJR Emissions accounting; however, have an important impact towards sustainability and the emissions the team influence. These can include projects at race events, and continuing these projects is important. One example is reducing single use plastics, such as using a water cooler at race events where possible to reduce the use of plastic bottles.

Emissions reduction actions

Overall

- In 2021, an overall emissions reduction target of 20% was set and this was achieved by reaching a 25% reduction.
- In 2021, it was targeted to outline an Environmental Policy, this was completed in July 2021. The Environmental Policy can be found [here](#).

Electricity

- The goal in 2021 was to convert to 100% renewable energy. Converting to GreenPower in July achieved this for almost half of the electricity supply for 2021.

Postage, courier, and freight

- It was estimated freight and logistics expenditure would reduce by one third in 2021. Due to a significant decrease in international freight requirements, this was far exceeded by achieving almost a 70% reduction.

Waste

- In 2021, a 10% reduction of general waste was targeted. With the deployment of simple recycling techniques, general waste collection of 49 bins in 2020 was reduced to 39 in 2021, a 20% reduction.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year / Year 1:	2020	835.0
Year 2:	2021	627.6

Significant changes in emissions

Emission source name	Current year (tCO ₂ -e and/ or activity data)	Previous year (tCO ₂ -e and/ or activity data)	Detailed reason for change
Total net electricity emissions (Market based)	56.1 tCO ₂ -e	142.8 tCO ₂ -e	Transitioned to GreenPower during this reporting period
Domestic hotel nights – 4 Stars	60.5 tCO ₂ -e	29.8 tCO ₂ -e	Covid-19 travel restrictions
Short economy class flights	59.6 tCO ₂ -e	56.7 tCO ₂ -e	Covid-19 travel restrictions
Commuting via large diesel car	40.0 tCO ₂ -e	0 tCO ₂ -e	Better quality commuting data collected this period – all commuting was previously attributed to different vehicle types

Use of Climate Active carbon neutral products and services

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

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-based approach.

Emission category	Sum of Scope 1 (tCO ₂ -e)	Sum of Scope 2 (tCO ₂ -e)	Sum of Scope 3 (tCO ₂ -e)	Sum of total emissions (tCO ₂ -e)
Transport (Land and Sea)	140.74	0	119.86	260.60
Transport (Air)	0	0	66.81	66.81
Accommodation and facilities	0	0	63.75	63.75
Postage, courier and freight	0	0	56.39	56.39
Electricity	0	56.07*	0	56.07
Products	0	0	33.08	33.08
Waste	0	0	25.86	25.86
Food	0	0	20.71	20.71
Refrigerants	15.37	0	0	15.37
ICT services and equipment	0	0	11.95	11.95
Professional Services	0	0	7.00	7.00
Cleaning and Chemicals	0	0	3.76	3.76
Stationary Energy (liquid fuels)	3.23	0	0.19	3.42
Working from home	0	0	1.08	1.08
Office equipment & supplies	0	0	1.00	1.00
Water	0	0	0.78	0.78
Total	159.34	56.07	412.23	627.64

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO ₂ -e
N/A	
Total of all uplift factors	0
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	627.64

* The Climate Active electricity calculator aggregates scope 2 and 3 electricity emissions; the actual split for this emission source is 50.53 tCO₂-e for scope 2, and 5.54 tCO₂-e for scope 3.

6. CARBON OFFSETS

Offsets retirement approach

In arrears		
1. Total number of eligible offsets banked from last year's report	0	[▲]
2. Total emissions footprint to offset for this report	628	
3. Total eligible offsets required for this report	628	
4. Total eligible offsets purchased and retired for this report	1,200	
5. Total eligible offsets banked to use toward next year's report	0	*

Co-benefits

NHPC Limited's Parbati Hydroelectric Project, Stage III is a greenfield Hydro Power Project located on the river Sainj and Jiwa nallah, a tributary of Beas River near the village Bihali, Kullu district of Himachal Pradesh in India. It is a run-of-the-river scheme whose design discharge includes the diversion of the tail race releases of Parbati Stage-II power-house as well as inflows from river Sainj and Jiwa nallah. The purpose of the project activity is to generate electrical power through the operation of run of the river hydro turbines. The energy is fed into the state's electricity grid - which is part of the NEWNE Grid; displacing 1,975,950 MWh per year, estimated to represent a saving of approximately 1,912,324 tCO₂e per year.

The project activity has generated direct and indirect employment for skilled and unskilled workers during the construction phase as well as during the ongoing operational stage. It has also contributed to quality of life in the area through the provision of a reliable source of power. In the course of implementing the project, infrastructure in the region was improved – encompassing things such as water availability, roads, and medical facilities.

In addition to the greenhouse gas savings associated with the displacement of fossil-fuel-based energy generation, the environment is also benefited by the reduction in other pollutants.

[▲] Additional offsets were purchased for the previous reporting period; whilst these offsets can be banked under the Climate Active standard, the intention is not to do so, so that the operations of Dick Johnson Racing have a net climate benefit.

* Additional offsets were purchased for this reporting period; whilst these offsets can be banked under the Climate Active standard, the intention is not to do so, so that the operations of Dick Johnson Racing have a net climate benefit.

Eligible offsets retirement summary

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	Stapled quantity	Eligible quantity (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Parbati Hydroelectric Project Stage III, India	VCUs	Verra	15 Oct 2021	9572-109981169-109982368-VCS-VCU-1491-VER-IN-1-1425-29122014-29032015-0	2014 - 2015	0	1,200	0	0	628	100%
Total offsets retired this report and used in this report										628	
Total offsets retired this report and banked for future reports									0 *		
Type of offset units		Quantity (used for this reporting period claim)				Percentage of total					
Verified Carbon Units (VCUs)		628				100%					

* Additional offsets were purchased for this reporting period; whilst these offsets can be banked under the Climate Active standard, the intention is not to do so, so that the operations of Dick Johnson Racing have a net climate benefit.

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	0
2. Other RECs	0

* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total LGCs surrendered this report and used in this report							0		

APPENDIX A: ADDITIONAL INFORMATION

In addition to the certified carbon credits, 1,700 Trees For Carbon were funded through Trees For Life in South Australia.



TreesForLife

Trees For Life restores and protects South Australian landscapes and empowers people to take action for our bushland, farmland and urban landscapes.

Since 1981 we've grown over 39 million native seedlings across every region of South Australia and have over 20 dedicated carbon sites that offset 124,000 tonnes of emissions.

Certification of Authenticity Dick Johnson Racing

1700 Trees For Carbon

These native trees help beautify the landscape, reduce erosion and salinity, absorb carbon and provide vital habitat and shelter for wildlife.



Natasha Davis
Trees For Life 2021
Chief Executive Officer

Trees For Life Inc phone 08 8406 0500 www.treesforlife.org.au/carbon


carbon
undo the damage


The planting of 700 trees was also funded through [Tree-Nation](#) on behalf of staff to offset their own estimated personal emissions.

Tree Planting Certificate

powered by Tree-Nation



 700 tree(s) planted

 560000 Kg of CO2 offset

Tree(s) planted by

 Dick Johnson Racing - 2021

Visit the tree(s) inside Tree-Nation:

<https://tree-nation.com/trees/view/2035411>

Species: **Terminalia arjuna**



Tree(s) planted in **Project Trees for Tribals, India**
The Adivasi Bhatra tribe relies on forests for food security and livelihood through the collection of forest products. The project involves the planting of 100,000 highly valued native trees in various villages, with the goal to help restore forests, enhance ecosystem services and rural economy.

Certificate information
Tree-Nation ASBL
Registration n° BE0727828810
Avenue Louise 367
1050 Bruxelles
Belgium



APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach

Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based method

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO ₂ e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	0	0	0%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	74,407	0	46%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	29,769	0	19%
Residual Electricity	56,390	56,071	0%
Total grid electricity	160,565	56,071	65%
Total Electricity Consumed (grid + non grid)	160,565	56,071	65%
Electricity renewables	104,175	0	
Residual Electricity	56,390	56,071	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		56,071	
Total renewables (grid and non-grid)	64.88%		
Mandatory	18.54%		
Voluntary	46.34%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	56		

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO ₂ e)	Scope 3 Emissions (kgCO ₂ e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
VIC	0	0	0
QLD	160,565	128,452	19,268
NT	0	0	0
WA	0	0	0
TAS	0	0	0
Grid electricity (scope 2 and 3)	160,565	128,452	19,268
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
VIC	0	0	0
QLD	0	0	0
NT	0	0	0
WA	0	0	0
TAS	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	160,565	128,452	19,268

Emission Footprint (TCO₂e)	148
<i>Scope 2 Emissions (TCO₂e)</i>	128
<i>Scope 3 Emissions (TCO₂e)</i>	19

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ e)
N/A	0	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
N/A	N/A	N/A	N/A	N/A

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** 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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
N/A	N/A	N/A	N/A	N/A	N/A	N/A



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