



# **PUBLIC DISCLOSURE STATEMENT**

**GTI RESOURCES LTD**


**ORGANISATION CERTIFICATION  
CY2021**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	GTI RESOURCES LTD
REPORTING PERIOD	Calendar year 1 January 2021 – 31 December 2021 [Arrears report]
DECLARATION	<p><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></p> <p> <b>Bruce Lane (Jun 28, 2023 18:18 GMT+8)</b></p> <p>Bruce Lane Executive Director 28 June 2023</p>



**Australian Government**

**Department of Climate Change, Energy,  
the Environment and Water**

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Version March 2022.



# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	671 tCO <sub>2</sub> -e
OFFSETS BOUGHT	33.53% ACCUs, 66.32% VCU's, 0.15% CERs
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	20 February 2023 Stephen Morgan ESG Capital Pty Ltd Next technical assessment due: 19/02/2026
THIRD PARTY VALIDATION	Type 1 24 February 2023 Kelsey Baker Epigroup Pty Ltd

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This carbon neutral certification is for the business operations of GTI Energy Ltd (**GTI** or **Company**) that encompasses all corporate and exploration activities. GTI is uranium and vanadium focused mining company with land holdings in Utah and Wyoming in the United States of America. As GTI's projects are in its exploration phase, the only activities occurring in the United States are engaged from third-party contractors that provide drilling and geologist consultancy services.

The carbon emissions baseline period is for Calendar Year 2021 (1 January 2021 – 31 December 2021). The emissions baseline data was compiled in accordance with the principles of the Climate Active Standards and the National Greenhouse and Energy Reporting Act 2007. The carbon inventory includes, but is not limited to, offices, exploration activities, third-party consultants, advisors, contractors, travel, freight, and laboratory analysis. Further information of the emissions boundary is contained in this document.

GTI believes that it is important to demonstrate that a company can influence emissions within its direct or indirect control through awareness, behavior, and strategic decision making. The Company identified the opportunity to position GTI at the leading edge by utilising the lowest cost and cleanest method to mine uranium. With this process of becoming Climate Active Certified, GTI is now able to accurately report its carbon emissions and therefore retire sufficient credits to offset these emissions.

*“At GTI, we believe in mining and working together to take the industry and our stakeholders into the future. Our commitment to using lowest impact best, practice methods to help decarbonise the uranium extraction industry is at the heart of what we do and therefore it is a natural step for us to commit through participation and certification through the Climate Active program.”*

### Organisation description

GTI Energy Ltd (ABN 33 124 792 132) is an ASX-listed company (ASX:GTR) with a portfolio of uranium and vanadium focused land holdings located in Utah and Wyoming, United States.

GTI consists of the Board of Directors, directly contracted that manage the operations of the Company. Majority of the Company's direct and indirect exploration and drilling activities are undertaken by third-party service providers and contractors based in the United States. For example, on-ground exploration and drilling activities include 3<sup>rd</sup> party drilling contractors, managed under the supervision of 3<sup>rd</sup> party consulting exploration geologists. As these United States-based projects are in its exploration phase, the only activities that are occurring are drilling operations. These drilling operations have been accounted for under Earth Science Services and Diesel consumption for drill rigs. On the other hand, marketing and distribution service providers are mainly based in Australia.

As these services are directly engaged by the Company, all of these activities are included in the Company's baseline.

Fig 1 shows GTI Energy's Corporate Structure for CY21, however, GTI is in the process of deregistration for both GTI Minerals Pty Ltd and PT GTIR Mining and therefore are excluded in the certification boundary. For the past three years, there have been no operational activities from both GTI Minerals Pty Ltd and PT GTIR Mining. As for Voyager Energy Pty Ltd and Branka Minerals Pty Ltd, both companies were created as part of the requirement to operate a Limited Liability Company (LLC) in the United States. All four companies (Voyager Energy, Branka Minerals, GTI Minerals, and PT GTIR Mining) do not hire any employees and do not have any financial transactions as cash flows comes directly from the parent company which is GTI Energy Pty Ltd<sup>1</sup>. Therefore, this Climate Active certification is only for GTI Energy Pty Ltd.

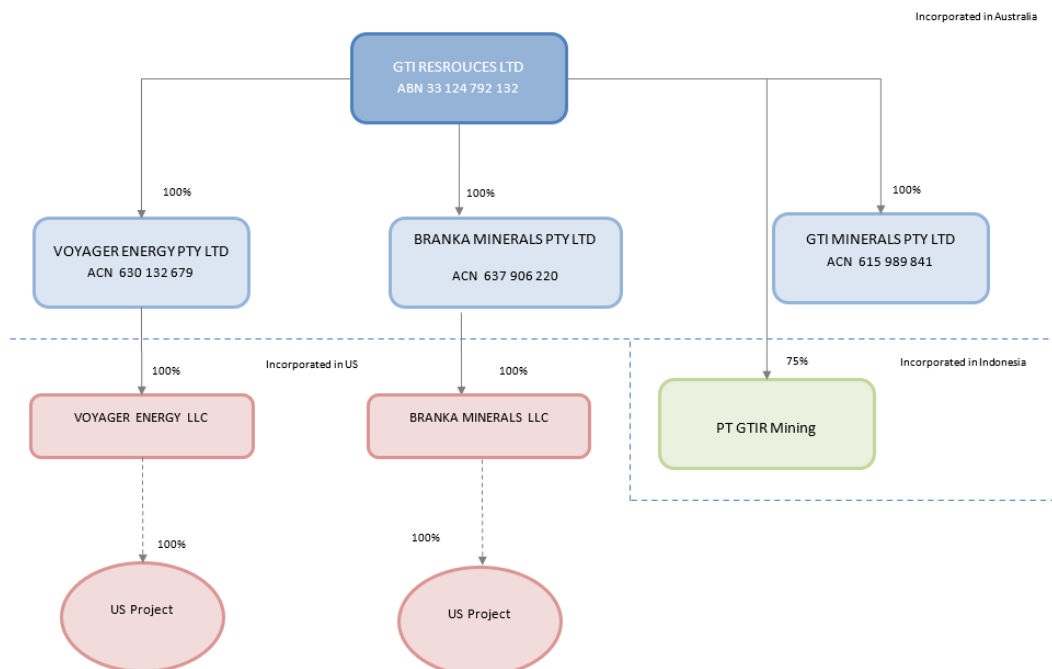


Fig 1: GTI Energy Pty Ltd CY21 Corporate Structure.

This organisational certificate included the operational control at the following locations and project sites:

- GTI Energy Pty Ltd Corporate office: Unit 1, Level 1, 89 St Georges Terrace, Perth WA 6000
- Staff working from home offices in WA
- Great Divide Basin (Fig 2) and Green Mountain (Fig 3) claim holdings, Wyoming
- Henry Mountains claim holding (Fig 4), Utah

<sup>1</sup> Note that the change in business name occurred in Apr 2021. Therefore, in the corporate structure, it still states GTI Resources (parent company).

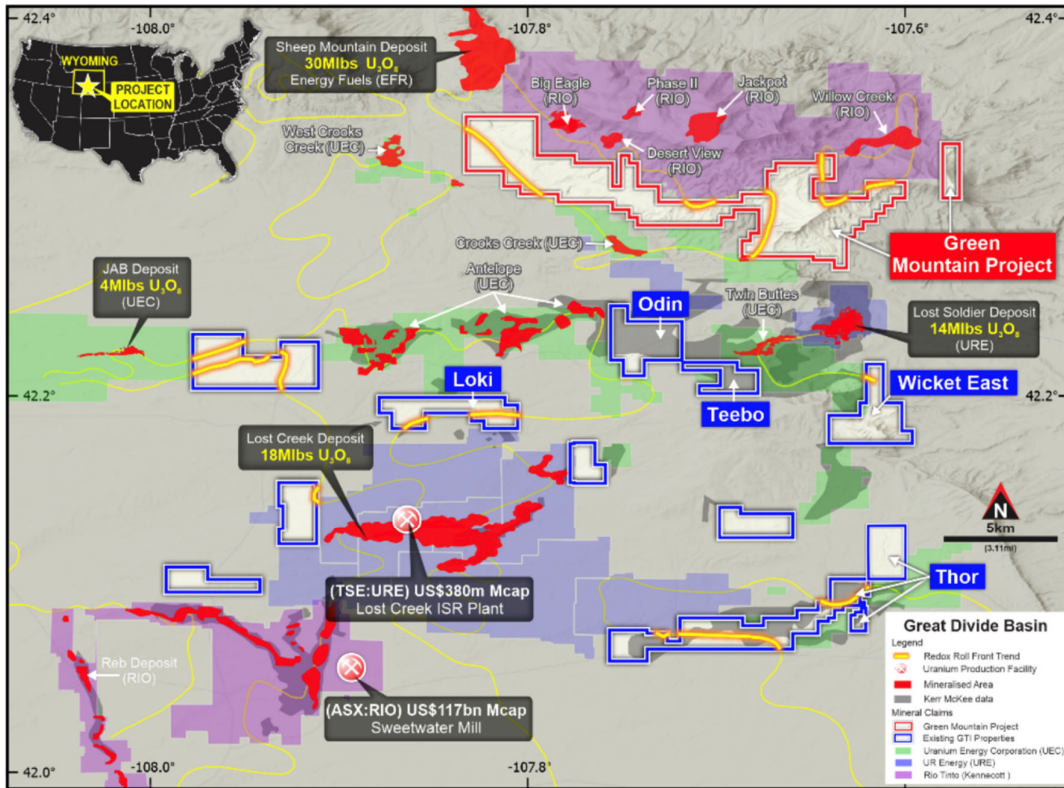


Fig 2: Location of GTI's claim holding at the Great Divide Basin, Wyoming project.

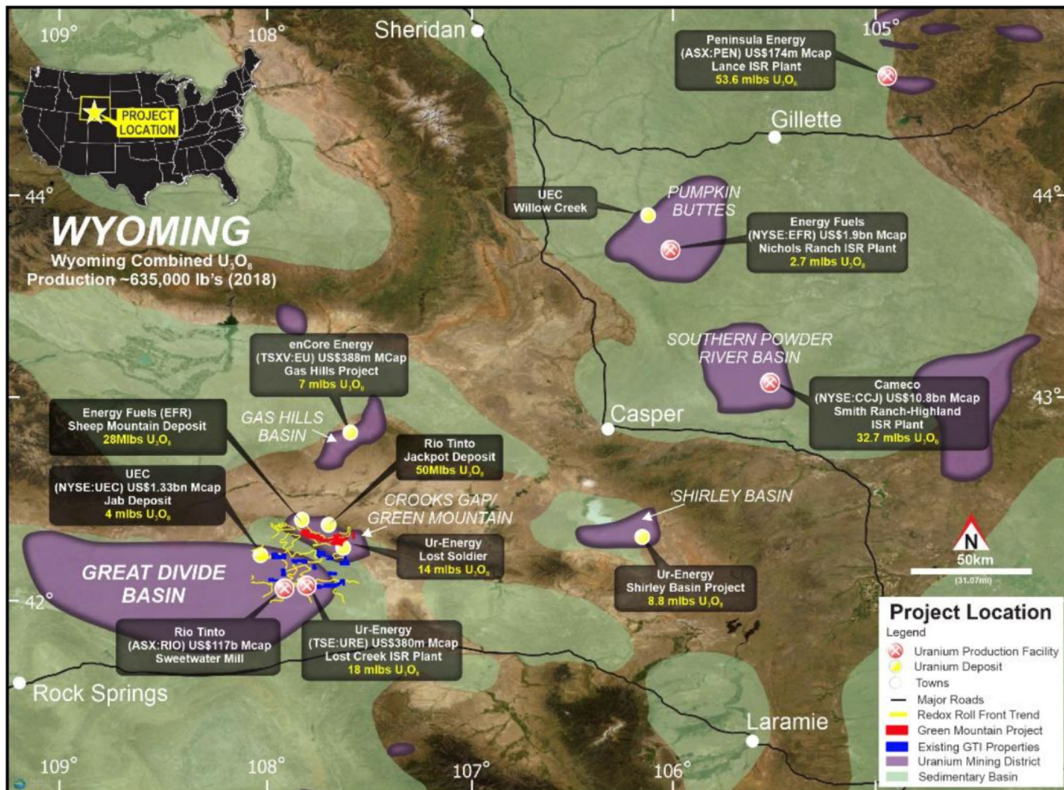


Fig 3: GTI's claim holding at the Green Mountain, Wyoming project.



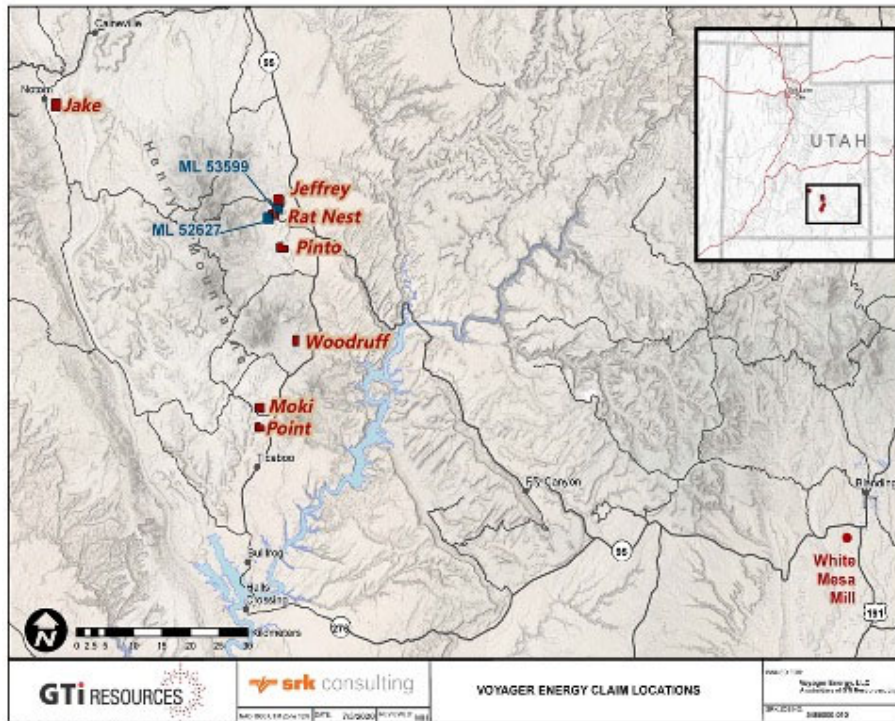


Fig 4: GTI's claim holding at the Henry Mountains, Utah project.

## 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
<u>Quantified</u>	<u>Non-quantified</u>	<u>Excluded</u>
Accommodation and Facilities	N/A	
Air Transport (km)		
Cleaning and Chemicals		
Electricity		
Food		
ICT Services and Equipment		
Land and Sea Transport (fuel)		
Land and Sea Transport (km)		
Office Equipment and Supplies		
Postage, courier, and freight		
Professional Services		
Waste		
Water		
Working from Home		

### 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

GTI Energy's operations include a small number of full-time staff and a small, leased shared office space. Staff work from home most of the time and the majority of the company's work is carried out by subcontractors in the United States.

As GTI's projects are currently still in the exploration phase, they require large amounts of investment to advance into the development phase of a mining project. Therefore GTI currently invests predominantly in drilling and earth science-related services (57%). To fund these drilling programs, the Company has to attract investment through marketing and distribution (19%). The drilling programs occur in the United States where Climate Active is not applicable. At the moment, there are no mining-focused marketing and distribution companies providing Climate Active certified services in Australia and therefore it is logistically challenging to set a time-bound target. As the Company is unable to set a quantifiable and time-bound emissions reduction target for this Climate Active certification, we commit to setting Climate Active-aligned emission reduction targets in our CY2024 Climate Active certification. From now till CY2024, GTI aims to take climate action wherever possible as detailed in the current emissions reduction strategy.

Therefore, this emissions reduction plan deals with these realities and focuses on the emissions sources that the company can directly have an impact on as well as those that are the major contributors to the company's GHG emissions footprint.

### FLIGHTS

GTI Energy is targeting carbon-neutral travel for 50% of business flights relative to the FY21 base year in calendar year 2023. This will be achieved by preference airlines that provide opt-in offsets whenever feasible for flights (i.e., Qantas, Virgin Australia, or Jetstar where opt-in services are Climate Active (Services) certified).

### ENERGY AND WASTE MANAGEMENT

While GTI Energy only has a small office footprint and staff numbers, active management of energy usage and waste will be encouraged through the following guidelines implemented in 2023:

- Ensure computers and monitors are shut down at the end of each working day,
- Turning off all lights and appliances when not required/in use,
- Avoid where possible using takeaway cups and containers,
- Where reasonable, conduct meetings online to reduce travel.

### INNOVATION AND TECHNOLOGY

GTI Energy will actively manage the R&D of operational practices and technologies that have the potential to reduce emissions. These include:

- The use of renewable energy at facilities where GTI Energy has operational control,
- Investigating the role that hybrid/EVs can play for GTI Energy,
- Engagement with peers and industry bodies that can provide knowledge and access to relevant emissions reduction practices and technologies.

## **SUSTAINABLE PROCUREMENT**

GTI Energy's Scope 3 emissions are the major source of its emissions & account for approximately 84% of its total GHG emissions. These are the result of spend with suppliers, contractors, and consultants.

In 2023, GTI Energy will develop and implement a Sustainability Policy that incorporates sustainable procurement guidelines. This will be communicated to all current and future suppliers, contractors and consultants, and outline GTI's consideration of GHG emissions management as part of its procurement and supplier selection process.

In 2023, GTI Energy will also review the feasibility to convert current marketing, accounting, and legal service providers to Climate Active (Services) certified providers.

## 5.EMISSIONS SUMMARY

### Use of Climate Active carbon neutral products and services

N/A

### Organisation emissions summary

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

Emission category	Sum of Scope 1 (tCO <sub>2</sub> -e)	Sum of Scope 2 (tCO <sub>2</sub> -e)	Sum of Scope 3 (tCO <sub>2</sub> -e)	Sum of total emissions (tCO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	0.55	0.55
Air transport (fuel)	0.00	0.00	0.00	0.00
Air transport (km)	0.00	0.00	0.18	0.18
Bespoke	0.00	0.00	0.00	0.00
Carbon neutral products and services	0.00	0.00	0.00	0.00
Cleaning and chemicals	0.00	0.00	0.21	0.21
Construction materials and services	0.00	0.00	0.00	0.00
Electricity	0.00	14.37	0.00	14.37
Food	0.00	0.00	0.30	0.30
Horticulture and agriculture	0.00	0.00	0.00	0.00
ICT services and equipment	0.00	0.00	2.79	2.79
Land and sea transport (fuel)	69.96	0.00	3.58	73.53
Land and sea transport (km)	0.00	0.00	1.23	1.23
Machinery and vehicles	0.00	0.00	0.00	0.00
Office equipment & supplies	0.00	0.00	6.09	6.09
Postage, courier and freight	0.00	0.00	5.78	5.78
Products	0.00	0.00	0.00	0.00
Professional services	0.00	0.00	566.36	566.36
Refrigerants	0.00	0.00	0.00	0.00
Roads and landscape	0.00	0.00	0.00	0.00
Stationary energy	0.00	0.00	0.00	0.00
Waste	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.24	0.24
Working from home	0.00	0.00	0.01	0.01
<b>Total</b>	<b>69.96</b>	<b>14.37</b>	<b>585.88</b>	<b>670.20</b>

### Uplift factors

N/A

## 6. CARBON OFFSETS

### Offsets retirement approach

In arrears		
1.	Total emissions footprint to offset for this report	671
2.	Total eligible offsets purchased and retired for this report	671
3.	Total eligible offsets banked to use toward next year's report	0

### Co-benefits

#### Merepah Fire Project, Queensland

The Merepah Fire Project brings about multiple co-benefits<sup>2</sup>:

- 1) Revenue from this project is helping fund the Moomba-Awu Aboriginal Corporation (MAAC) business services and the refurbishment of the old Merepah Station,
- 2) Increased involvement of MAAC Traditional Owners in strategic fire management training, planning, and operations,
- 3) Issue of ACCUs over its five years of operation has been providing a consistent source of income for the MAAC Traditional Owners.

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<sup>2</sup> <https://www.transparency.gov.au/annual-reports/indigenous-land-and-sea-corporation/reporting-year/2018-2019-38>

## 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 <sub>2</sub> -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 (%)
Merepah Fire Project	ACCU	ANREU	14/03/2023	3803861897 – 3803862121 (Please refer to screen capture image in Appendix A; Appendix 1)	2020-21		225	0	0	225	33.53%
Crow Lake Wind Emissions Reduction Project	VCU	VERRA	14/03/2023	<a href="#">12913-461425668-461426112-VCS-VCU-260-VER-US-1-756-01012020-31122020-0</a>	2020		445	0	0	445	66.32%
Yunnan Lincang Zhenai Hydropower Project	CER	CDM	27/06/2023	CN511605431252201994 - CN511605431252201994 (Please refer to screen capture image in Appendix A; Appendix 2)	2013 or later		1	0	0	1	0.15%
Total offsets retired this report and used in this report										671	
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
Australian Carbon Credit Units (ACCU)	225	33.58%



Verified Carbon Units (VCUs)	445	66.42%
United Nations Certified Emission Reductions (CERs)	1	0.15%



## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

N/A

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

<b>1. Large-scale Generation certificates (LGCs)*</b>	0
<b>2. Other RECs</b>	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
Total LGCs surrendered this report and used in this report									

# APPENDIX A: ADDITIONAL INFORMATION

## Transaction Details

Transaction details appear below.

Transaction ID	AU28599
Current Status	Completed (4)
Status Date	14/03/2023 14:35:07 (AEDT) 14/03/2023 03:35:07 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Robertson, Angus
Transaction Approver	Wyatt, Gary Mark
Comment	Retired on behalf of GTI Energy to meet their carbon-neutral obligations as required for GTI Energy's FY21 Climate Active certification.

Transferring Account		Acquiring Account	
Account Number	AU-1291	Account Number	AU-1068
Account Name	Corporate Carbon Advisory Pty Ltd	Account Name	Australia Voluntary Cancellation Account
Account Holder	Corporate Carbon Advisory Pty Ltd	Account Holder	Commonwealth of Australia

Party	Type	Transaction Type	Original CP	Current CP	ERE Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Unitface	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			80100772					2020-21		3,803,861,897 - 3,803,862,121	225

## Transaction Status History

Status Date	Status Code
14/03/2023 14:35:07 (AEDT) 14/03/2023 03:35:07 (GMT)	Completed (4)
14/03/2023 14:35:07 (AEDT) 14/03/2023 03:35:07 (GMT)	Proposed (1)
14/03/2023 14:35:07 (AEDT) 14/03/2023 03:35:07 (GMT)	Account Holder Approved (97)
14/03/2023 10:56:13 (AEDT) 13/03/2023 23:56:13 (GMT)	Awaiting Account Holder Approval (95)

Appendix 1: Retirement confirmation of 225 ACCUs.



**United Nations**  
Framework Convention on  
Climate Change

DATE: 27 JUNI 2023  
REFERENCE: VC28573/2023

## VOLUNTARY CANCELLATION CERTIFICATE


**Presented to**  
Automic Group  
**Project**  
Yunnan Lincang Zhenai Hydropower Project  
**Reason for cancellation**  
Retired on behalf of GTI Energy Limited to meet their carbon neutral obligations as required for their CY21 Climate Active Carbon Neutral Organisation Certification.

**Number of units cancelled**

**1 CERs**  
Equivalent to 1 tonne(s) of CO<sub>2</sub>

Start serial number: CN-5-1160543125-2-0-1994 End serial number: CN-5-1160543125-2-0-1994

The certificate is issued in accordance with the procedure for voluntary cancellation in the CDM Registry. The reason included in this certificate is provided by the canceller.



Appendix 2: Retirement confirmation of 1 CERs.

## APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location-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 <sub>2</sub> e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
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)	3,884	0	19%
Residual Electricity	16,640	17,856	0%
<b>Total grid electricity</b>	<b>20,524</b>	<b>17,856</b>	<b>19%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>20,524</b>	<b>17,856</b>	<b>19%</b>
Electricity renewables	3,884	0	
Residual Electricity	16,640	17,856	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emission Footprint (kgCO <sub>2</sub> e)		17,856	
<b>Total renewables (grid and non-grid)</b>	<b>18.93%</b>		
<b>Mandatory</b>	<b>18.93%</b>		
<b>Voluntary</b>	<b>0.00%</b>		
<b>Behind the meter</b>	<b>0.00%</b>		
<b>Residual Electricity Emission Footprint (TCO<sub>2</sub>e)</b>	<b>18</b>		
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>			

### Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> e)
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	20,524	14,367
Tas	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>20,524</b>	<b>14,367</b>
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>20,524</b>	<b>14,367</b>

Emission Footprint (TCO<sub>2</sub>e)

14

### Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> 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

N/A.

## APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

### **Excluded emission sources**

GTI Minerals Pty Ltd and PT GTIR Mining are excluded in the certification boundary as GTI is in the process of deregistration for both businesses. For the other entities and parent companies, there were no emission sources that were excluded from the baseline calculation.





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# PDS - GTI Energy V3

Final Audit Report


2023-06-28

Created:	2023-06-28
By:	Emma Gilbert (emma@gtienergy.au)
Status:	Signed
Transaction ID:	CBJCHBCAABAAo8BoaRAEUxbPxkNE9FcwZ_x5iu5RB4


## "PDS - GTI Energy V3" History

 Document created by Emma Gilbert (emma@gtienergy.au)

2023-06-28 - 8:05:11 AM GMT- IP address: 101.185.207.187

 Document emailed to bruce@gtienergy.au for signature


2023-06-28 - 8:06:06 AM GMT

 Email viewed by bruce@gtienergy.au

2023-06-28 - 10:17:46 AM GMT- IP address: 104.47.71.190

 Signer bruce@gtienergy.au entered name at signing as Bruce Lane

2023-06-28 - 10:18:22 AM GMT- IP address: 45.248.78.44

 Document e-signed by Bruce Lane (bruce@gtienergy.au)

Signature Date: 2023-06-28 - 10:18:24 AM GMT - Time Source: server- IP address: 45.248.78.44

 Agreement completed.

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