

Texas Commission on Environmental Quality

PBR New Registration

Site Information (Regulated Entity)

What is the name of the site to be authorized?	Thiel Bitcoin Mine Site
Does the site have a physical address?	Yes
Physical Address	
Number and Street	3900 TX 105
City	Brenham
State	TX
ZIP	77833
County	WASHINGTON
Latitude (N) (##.#####)	30.196278
Longitude (W) (-###.#####)	-96.356508
Primary SIC Code	7371
Secondary SIC Code	
Primary NAICS Code	541511
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	
What is the name of the Regulated Entity (RE)?	Thiel Bitcoin Mine Site
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	3900 TX 105
City	Brenham
State	TX
ZIP	77833
County	WASHINGTON
Latitude (N) (##.#####)	30.196278
Longitude (W) (-###.#####)	-96.356508
Facility NAICS Code	541511
What is the primary business of this entity?	Bitcoin Mining

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Louis Energy Gas Texas Inc.
Texas SOS Filing Number	0805803688
Federal Tax ID	331433078
State Franchise Tax ID	32097799723
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	0-20
Independently Owned and Operated?	No
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	Louis Energy Gas Texas Inc.
Prefix	

First	Xiaoyu
Middle	
Last	Zhang
Suffix	
Credentials	
Title	Executive Director
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	5473 BLAIR RD STE 414105
Routing (such as Mail Code, Dept., or Attn:)	
City	DALLAS
State	TX
ZIP	75231
Phone (###-###-####)	2082016960
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	shawnzhang@louis-energy.com

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	Louis Energy Gas Texas Inc.
Organization Name	Louis Energy Gas Texas Inc.
Prefix	MR
First	Xiaoyu
Middle	
Last	Zhang
Suffix	
Credentials	
Title	Executive Director
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	5473 BLAIR RD STE 414105
Routing (such as Mail Code, Dept., or Attn:)	
City	DALLAS
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ZIP	75231
Phone (###-###-####)	2082016960
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	shawnzhang@louis-energy.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	Louis Energy Gas Texas Inc.
Organization Name	Louis Energy Gas Texas Inc.
Prefix	MR

First	Xiaoyu
Middle	
Last	Zhang
Suffix	
Credentials	
Title	Executive Director
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	5473 BLAIR RD STE 414105
Routing (such as Mail Code, Dept., or Attn:)	
City	DALLAS
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ZIP	75231
Phone (###-###-####)	2082016960
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	shawnzhang@louis-energy.com

PBR General Information - New Sites

1) To determine fee amount does this business qualify as a small business, non-profit organization, or small government entity?	Yes
2) Is this application for a portable facility?	No
3) Are there any other registered air authorizations at this site?	No
4) Is this project located at a major site?	No
5) Does this registration require certification or is certification being submitted voluntarily?	Yes
6) Is the facility in compliance with all PBRs claimed?	Yes
7) Is the facility in compliance with all other applicable state/federal rules and regulations?	Yes
8) Is the facility in compliance with all applicable distance requirements?	Yes

Section 1 Rule Selection

Rule#: 1

Select the type of unit that is being registered.	ENGINES AND TURBINES
Select the rule(s) associated to the unit specified.	106.512

Section 1 106.512 Engines and Turbines

Engine#: 1

Please provide the horsepower (hp) of the engine(s) / turbine(s).	2100
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106.512(2) Rule Compliance

1) Is gas fuel limited to: sweet natural gas or liquid petroleum gas, fuel gas containing no more than ten grains total sulfur per 100 dry standard cubic feet, or field gas?	Yes
2) Has formaldehyde been included in the VOC short-term and annual emissions totals?	Yes
3) Are any engine(s)/turbine(s) rated ? 500 hp?	Yes
3.1. Will the engine(s) / turbine(s) meet any applicable NOx limits as stated in the rule?	Yes
4) Will the hourly and annual emissions meet any applicable NAAQs?	Yes
5) Will the engine(s) / turbine(s) be used to generate electricity?	Yes
5.1. Are the engine(s) / turbine(s) being used to generate electricity because it is not feasible to connect to the grid?	Yes
6) Please select any/all State or Federal Standards that apply to this site:	MACT ZZZZ NSPS JJJJ
7) Is this facility being authorized at an oil and gas site that is using 106.352 (l) to claim, register, or certify their operation?	No

106.4 Rule Compliance

1) What are the annual VOC emissions in tons per year (tpy) for this registration?	19.73
2) What are the total annual SO2 emissions in tpy for this registration?	0.07
3) What are the total annual NOx emissions in tpy for this registration?	20.68
4) What are the total annual CO emissions in tpy for this registration?	41.77
5) What are the total annual PM emissions in tpy for this registration?	1.18
6) What are the total annual PM10 emissions in tpy for this registration?	1.18
7) What are the total annual PM2.5 emissions in tpy for this registration?	1.18
8) What are the total annual H2S emissions in tpy for this registration?	0
9) What are the total annual HAP emissions in tpy for this registration?	8.31

PBR Attachments

Please attach one PDF with all required documents to complete the project.

[File Properties]

File Name	Washington County Site PBR Application V2.0.pdf
Hash	040871CBC6493F64CFC53A341E768554771FBFF527325A1583D1075F33D4F359
MIME-Type	application/pdf
Confidential	No

Please attach any other necessary information needed to complete the registration.

Expedite

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?	No
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Certification

The electronic signature below indicates that the Responsible Official has knowledge of the facts herein set forth and that the same are true, accurate, and complete to the best of my knowledge and belief. By this signature, the maximum emission rates listed on this certification reflect the maximum anticipated emissions due to the operation of this facility, and all representations in this certification of emissions are conditions upon which the facilities and sources will operate. It is understood that it is unlawful to vary from these representations unless the certification is first revised. The signature certifies that to the best of the Responsible Official's knowledge and belief, the project will satisfy the conditions and limitations of the indicated exemption or permit by rule and the facility will operated in compliance with all regulations of the Texas Commission on Environmental Quality and with Federal U.S. Environmental Protection Agency regulations governing air pollution. The signature below certifies that, based on information and belief formed after reasonable inquiry, the statements and information above and contained in the attached document(s) are true, accurate, and complete. If you have any questions on how to fill out this form or about air permits, please call (512) 239-1250. Individuals are entitled to request and review their personal information that the agency gathers on its forms.

1. I am Xiaoyu Zhang, the owner of the STEERS account ER111596.

2. I have the authority to sign this data on behalf of the applicant named above.

3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.

4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.

5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.

7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.

8. I am knowingly and intentionally signing a PI-7CERT for a PBR New Registration.

9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Xiaoyu Zhang OWNER OPERATOR

Customer Number:	
Legal Name:	Louis Energy Gas Texas Inc.
Account Number:	ER111596
Signature IP Address:	128.82.21.2
Signature Date:	2025-03-03
Signature Hash:	6D1432AAE346C1ADFC10620560F95CFC0F58E6C26450C39E00FD499FE9EF1F21
Form Hash Code at time of Signature:	156232FAE581DA6179B97FB50A338937587101B00DABBC6A6E6C17CAF96AB452

Fee Payment

Transaction by:	The application fee payment transaction was made by ER111596/Xiaoyu Zhang
Paid by:	The application fee was paid by XIAOYU ZHANG
Fee Amount:	\$100.00
Paid Date:	The application fee was paid on 2025-03-03
Transaction/Voucher number:	The transaction number is 582EA000657276 and the voucher number is 755348

Submission

Reference Number:	The application reference number is 758459
Submitted by:	The application was submitted by ER111596/Xiaoyu Zhang
Submitted Timestamp:	The application was submitted on 2025-03-03 at 10:50:29 CST
Submitted From:	The application was submitted from IP address 128.82.21.2
Confirmation Number:	The confirmation number is 636342
Steers Version:	The STEERS version is 6.88

Additional Information

Application Creator: This account was created by Summer Barrett