

May 13, 2026

Texas Commission on Environmental Quality (TCEQ)
Air Permits Initial Review Team (APIRT), MC-161
P.O. Box 13087
Austin, TX 78711-3087

**Subject: Electric Generating Units Standard Permit and Permit By Rule Application
IP Meitner Gas, LLC (CN: TBD)
Meitner Energy Center (RN: 112441241)
Standard Permit Registration: TBD
Gray County, Texas**

APIRT,

On behalf of IP Meitner Gas, LLC (CN TBD), Onterris is submitting the attached Electric Generating Units (EGUs) Standard Permit application and Permit By Rule (PBR) registration to authorize the installation and operation of EGUs and ancillary equipment at the Meitner Energy Center (RN112441241) in Gray County, Texas. IP Meitner Gas, LLC is seeking to authorize the EGUs under the Electric Generating Units Standard Permit (May 16, 2007). IP Meitner Gas, LLC is also seeking to authorize and certify emissions from diesel emergency engines, diesel storage tanks, and lube oil storage tanks via Permits By Rule (PBR) 106.511 and 106.472 respectively. The attached registration includes the TCEQ forms and technical documents in support of this registration.

Please note that a separate application package was submitted to the TCEQ on May 1, 2026 to authorize the construction and operation of emergency diesel engines and diesel tanks for the data center located within the Meitner Energy Center (TCEQ Project 408713 and Permit Number 183910). The data center emergency diesel engines and diesel tanks will be owned and operated by Foundational Site Group LLC (CN606508174).

This application and registration package is being submitted for the natural gas power plant portion of the Meitner Energy Center. The natural gas power plant will provide firming power to the data centers behind renewable energy and battery energy storage systems, which are the primary sources of power. While this application covers equipment to be installed at the natural gas power plant only, emission totals have been provided for the entire site to review PBR and Prevention of Significant Deterioration (PSD) applicability. To aid in the processing of this application, IP Meitner Gas, LLC requests that the reviewer assigned to the first application be assigned to this project as well.

If you have any questions or require additional information, please contact me at (724) 831-8119 or via email at aberner@onterris.com

Sincerely,



Alex Berner, M.S.
Project Manager

Cc: Tarik Ibrahim, Environmental Compliance & Air Permitting, IP Meitner Gas, LLC
Via email: permitting@intersect.com

Natural Gas Power Generation Equipment Installation – Standard Permit and Permit By Rule Application

30 TAC §106.4, §106.511, §106.472, §116.610, §116.615, and 2007 Electric
Generating Units Standard Permit

Prepared for: IP Meitner Gas, LLC (CN TBD)

Meitner Energy Center (RN112441241)

Prepared by: Onterris

May 2026

Version 1.0

Natural Gas Power Generation Equipment Installation – Standard Permit and Permit by Rule Application

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Electric Generating Units Standard Permit

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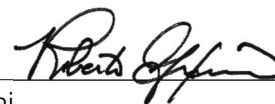
May 2026

Author



Alex Berner, M.S.
Project Manager

Reviewer



Roberto Gasparini
Senior Principal

Disclaimer

Spirit Environmental, LLC (Onterris) certifies to IP Meitner Gas, LLC (the Client) that the conclusions in this report are the professional opinions of Onterris at the time of the report and concerning the scope described in the report. The opinions are based on the site conditions observed on the date set out in the report and information obtained during the performance of the scope and do not contemplate subsequent changes in site conditions or information or changes in applicable law or standards subsequent to the date of the report. Onterris has exercised a customary level of skill, care, and diligence in using information received from the Client and/or third parties in the preparation of the report, however, assumes no responsibility or liability for the consequences of any error or omission contained in such information. This report was prepared solely for the use of the Client in relation to the specific scope, location, and purpose for which Onterris was retained and is not intended to be used for any variation or extension of the scope or any other project or purpose. Any other use or reliance on the report by the Client or any use or reliance by any third party without the prior express written consent of Onterris is at the sole risk and responsibility of the user and Onterris makes no representation or warranty with respect to any unauthorized use and expressly disclaims any legal duty of care to any such person. Neither Onterris nor its affiliates are responsible for damages, losses, fines, penalties, or other harm incurred by such unauthorized user as a result of decisions made or actions taken based on this report. This report may not be read or reproduced except in its entirety.

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1 Introduction

IP Meitner Gas, LLC (CN: TBD) is submitting this application for authorization to construct a natural gas power plant at the Meitner Energy Center, RN112441241 (Power Plant), located outside of Pampa, Texas. The Power Plant will consist of 126 electric generating units (EGUs) with lube oil tanks, seven (7) emergency diesel engines with diesel belly tanks, five (5) additional lube oil storage tanks, one (1) additional diesel storage tank, and equipment piping. The purpose of the Power Plant is to provide secondary power (firming power) to data centers at the Meitner Energy Center. The primary source of power for the data centers will be generated from co-located renewable energy facilities and battery energy storage systems (BESS), which will not generate air emissions.

IP Meitner Gas, LLC requests authorization to construct the EGUs via the 2007 Standard Permit for Electric Generating Units, issued by the Texas Commission on Environmental Quality (TCEQ), based on the standard permit issuance requirements in 30 Texas Administrative Code (TAC) §116.601, §116.602, and §116.603. The remaining equipment will be authorized via Permit By Rule (PBR), as specified in Section 2.0 below, based on the PBR issuance requirements in 30 TAC §106.4.

The Power Plant will be located in Gray County, Texas, which is classified as an attainment area for all criteria pollutants; therefore, the emissions from this facility will not be subject to Nonattainment New Source Review (NNSR). The facility is also not subject to a Prevention of Significant Deterioration (PSD) Review because the total sitewide emissions for all applicable pollutants are less than PSD thresholds.

This document contains all the information necessary to demonstrate that the Power Plant will meet the applicable general requirements of the Standard Permit for Electric Generating Units and all applicable PBRs. The Power Plant will comply with each applicable air quality rule and regulation of the U.S. Environmental Protection Agency (EPA) and TCEQ.

Sections 2.0 through 6.0 contain supporting information for this registration.

- Section 2.0 - Process description, process flow diagram, and area map.
- Section 3.0 - Emissions summary and sitewide totals for the Meitner Energy Center.
- Section 4.0 - Regulatory Analysis.
- Section 5.0 - TCEQ checklists and forms.
- Section 6.0 (CONFIDENTIAL) - Detailed emission calculations and manufacturer data.

2 Process Description

2.1 2007 Standard Permit for EGUs

IP Meitner Gas, LLC plans to install and operate equipment at the Power Plant that will generate electricity only for data centers located at the Meitner Energy Center. The emissions-generating units proposing coverage under the Standard Permit for EGUs are:

- (126) 2.619 MW Caterpillar G3520 engines (FINs/EPNs: ENG-1 through ENG-126), each fitted with a selective catalyst reduction (SCR) system, expected to run up to 8,760 hours per rolling 12-month period, fueled by pipeline quality natural gas.

IP Meitner Gas, LLC will limit the concurrent operation of these units to a maximum of 107 engines at any given time, for a total capacity of 280 MW. The additional 19 engines will serve as backups so that the Power Plant can continuously provide up to 280 MW of firming power to the data centers while units are taken offline for testing or maintenance.

The proposed data centers to which the Power Plant will provide electricity will be primarily powered through co-located renewable energy facilities and battery energy storage systems. The engines at the Power Plant will only be turned on during times when the renewable energy facilities and battery energy storage systems cannot provide the electricity required for the data centers. The engines will experience frequent startups and shutdowns. When considering the potential for Maintenance, Startup, and Shutdown (MSS) emissions, increased emissions are only observed during the startup cycle when the SCRs have not yet warmed up; therefore, the MSS emissions from startup are accounted for in the emission totals and shutdowns can be considered as equivalent to normal operations. Details regarding the emissions can be found in Section 3.0 of this document.

The SCR catalysts will inject diesel exhaust fluid (DEF), containing 32.5% urea and 67.5% water, into the system from which heat will decompose the urea into ammonia (NH_3) that will react with NO_x over a catalyst to form diatomic nitrogen (N_2). The DEF will be stored in fixed-roof tanks onsite, however only water vapor will be emitted from the tanks due to urea being a solid (dissolved in water) that has a vapor pressure of < 0.01 mm Hg at 104°F ¹. Urea does not decompose into NH_3 until being exposed to temperatures that well exceed ambient conditions, therefore emissions of NH_3 from the DEF tanks and piping to the SCRs will not occur. The safety data sheet (SDS) and vapor pressure calculations for DEF/urea can be found in Section 6.0 of this document.

¹ Per a TCEQ (formerly the Texas Natural Resource Conservation Commission, or TNRCC) dated September 19, 1996, compounds with a vapor pressure less than 0.01 mm Hg at 104°F are not considered air contaminants. Found online at <https://web.archive.org/web/20250308122231/https://www.tceq.texas.gov/assets/public/permitting/air/memos/vapor4.pdf>.

While NH_3 will not be emitted from tanks or inlet piping, it is anticipated that some NH_3 may escape the SCR catalyst before reacting with NO_x to form N_2 (NH_3 -slip). Emissions from NH_3 -slip have been calculated and are included in the emission totals for the site.

Fugitive emissions from pipeline component leaks may occur and have been included as part of this registration application (FIN/EPN: FUG-1).

Emissions from planned maintenance activities, including routine oil changes, particulate filter changes, natural gas piping blowdowns, and miscellaneous repairs will be claimed under Permit By Rule (PBR) 106.263: Routine Maintenance, Startup and Shutdown of Facilities, and Temporary Maintenance Facilities or will be de minimis. IP Meitner Gas, LLC is not seeking registration for this PBR as part of this application package.

2.2 Permits By Rule

In addition to the EGUs, ancillary equipment will be installed and authorized by PBR as follows:

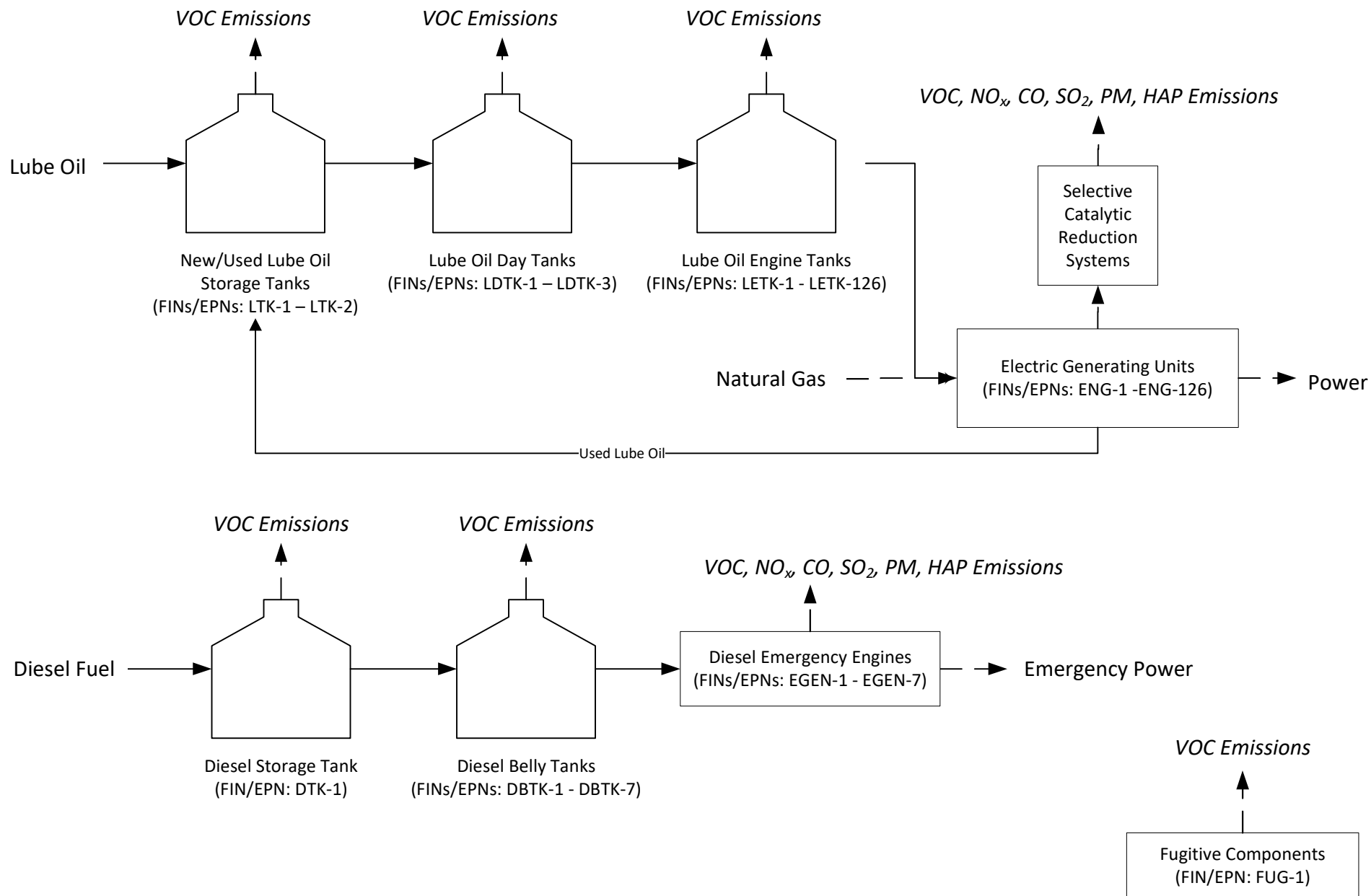
- (7) Emergency Diesel Engines (FINs/EPNs: EGEN-1 through EGEN-7), authorized via 30 TAC §106.511: Portable and Emergency Engines and Turbines. Each of the emergency diesel engines will run up to 50 hours per year for non-emergency scenarios including testing and maintenance.
 - Three (3) of the emergency engines will be 1250 kW Caterpillar D1250 GC's that will be used only as black start engines to restart the natural gas power plant should it need to be completely shut down for emergency purposes (FINs/EPNs: EGEN-1 through EGEN-3).
 - One (1) 1250 kW Caterpillar D1250 GC engine will be installed to generate emergency power for a utility E-house building (FIN/EPN: EGEN-4),
 - One (1) 450 kW Caterpillar D450 GC engine will be installed to provide emergency power for the Battery Energy Storage Systems (BESS) associated with the solar/wind infrastructure (FIN/EPN: EGEN-5).
 - One (1) 450 kW Caterpillar D450 GC, which will provide emergency power to a control room and warehouse (FIN/EPN: EGEN-6).
 - One (1) 300 kW (make and model TBD), which will provide power to an emergency firewater pump (FIN/EPN: EGEN-7).
- Lube Oil Tanks, authorized via 30 TAC §106.472: Organic and Inorganic Liquid Loading and Unloading. Each Caterpillar G3520 engine will be equipped with a 55-gallon, vertical fixed-roof tank (FINs/EPNs: LETK-1 through LETK-126) used to store and provide lube oil to the engine. The maximum fill rate for these tanks will be 2.5 gallons per hour (gal/hr), and the total annual throughput for each engine-lube oil tank is conservatively estimated to be 915 gallons. The engine-lube oil tanks will be supplied by three (3) 1,580-gallon, vertical fixed-roof storage tanks (FINs/EPNs: LDTK-1 through LDTK-3). The maximum fill rate for these "day tanks" is 500 gal/hr, while the annual throughput for each is conservatively estimated to be 41,170 gallons. The day tanks will be supplied by one (1) 13,540-gallon vertical fixed-

roof storage tank (FIN/EPN: LTK-1), used as the main storage for lube oil at the Power Plant, while a second 13,540-gallon vertical fixed-roof storage tank (FIN/EPN: LTK-2) will be used to store waste lube oil. The maximum fill rate for these tanks will be 500 gal/hr, and the total annual throughput is conservatively estimated to be 123,500 gal/yr per tank.

- Diesel Tanks, authorized via 30 TAC §106.472: Organic and Inorganic Liquid Loading and Unloading. Each emergency diesel engine will be equipped with a rectangular fixed-roof belly tank (FINs/EPNs: DBTK-1 through DBTK-7) used to store and provide fuel to the engine. The maximum fill rate for the belly tanks will be 500 gal/hr, while the total annual throughput is conservatively estimated to be 600,000 gallons. A 13,540-gallon, vertical fixed-roof storage tank (FIN/EPN: DTK-1) will also be installed to store additional diesel fuel at the Power Plant. The maximum fill rate for the tank will be 500 gal/hr Total annual throughput for the storage tank is conservatively estimated to be 600,000 gal/yr.

A process flow diagram (Figure 2-1), area map (Figure 2-2), and plot plan (Figure 2-3) are provided in this section below.

Figure 2-1 – Process Flow Diagram



Meitner Energy Center

Project No.:
N/A

Drawn by: LE

Date: 04/25/2026

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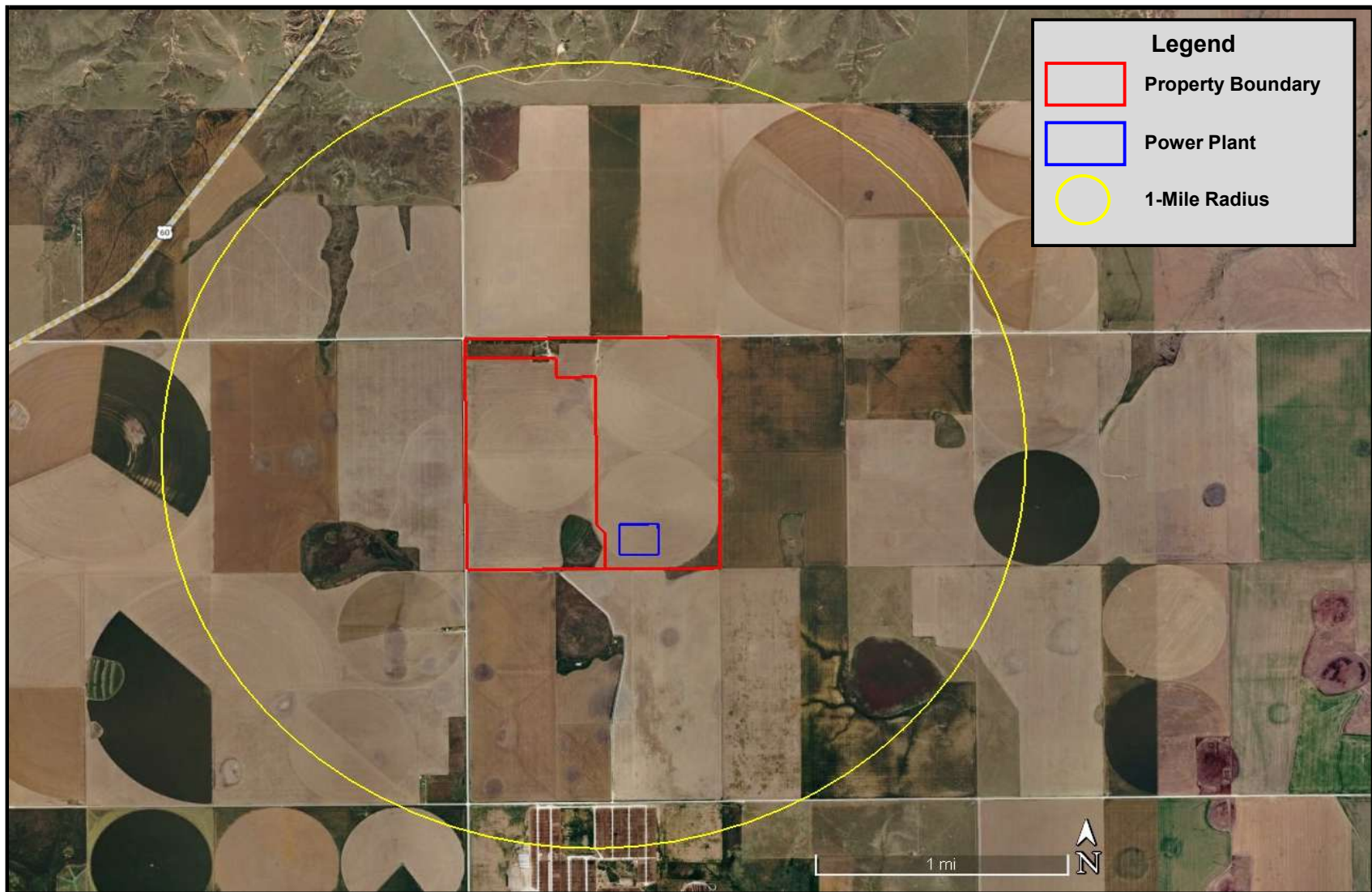
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IP Meitner Gas, LLC

Electric Generating Units Standard Permit and PBRs | Pampa, Texas

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Figure 2-2 – Area Map



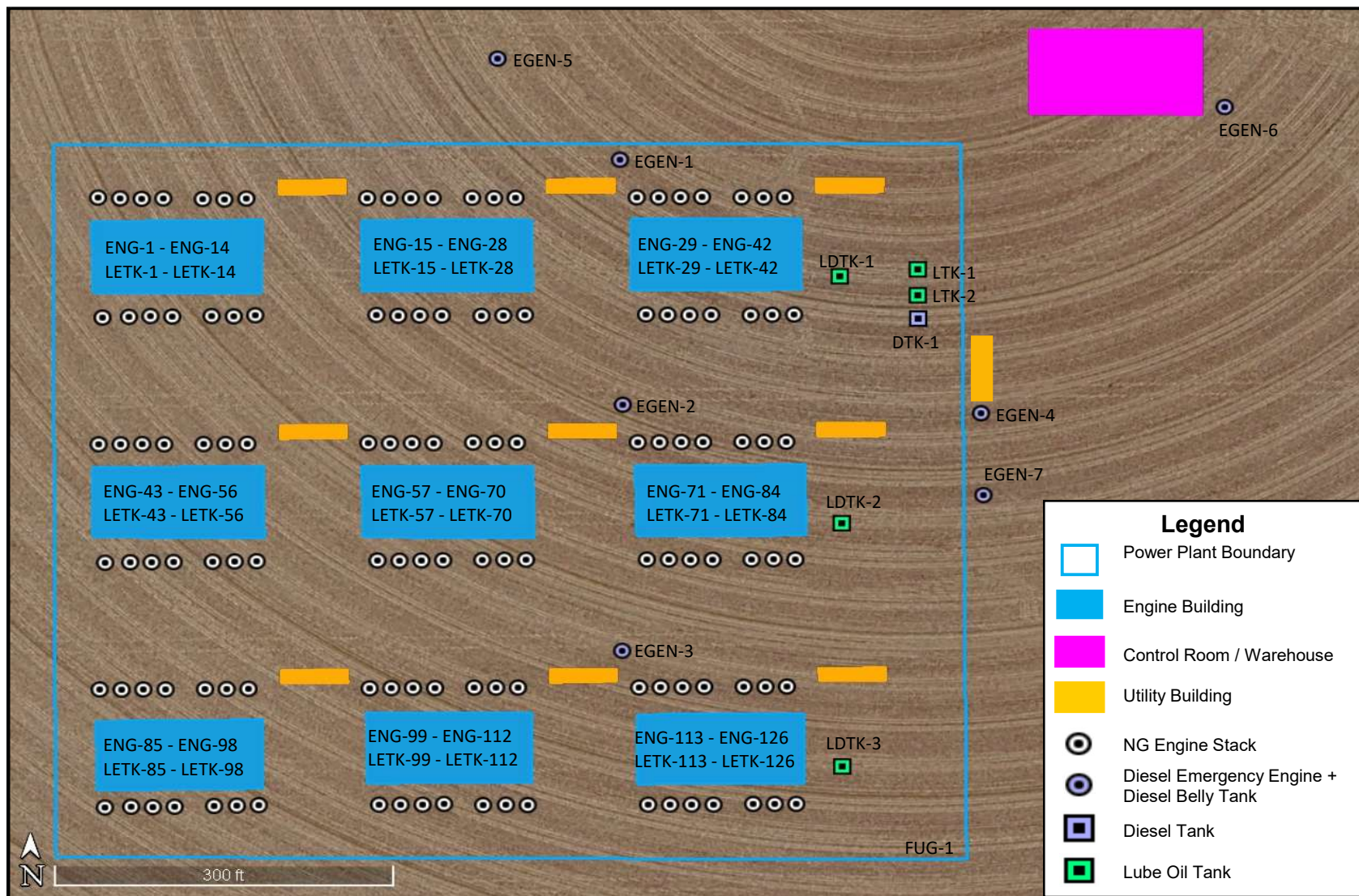
Meitner Energy Center
 35.35'32.02°N, -100.43'20.85°W
 Gray County, Texas
 IP Meitner Gas, LLC

Area Map

PROJECT NO.	DRAFTED BY	REVIEWED BY	DATE
TBD	LE	AB	5/5/2026

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Figure 2-3 – Plot Plan



3 Emissions Summary

This section summarizes the emission rates, calculation methodologies, and assumptions for the sources and activities at the Power Plant. Table 3-1 provides a summary of emissions associated with this facility and Table 3-2 provides a summary of sitewide emissions with a review on PBR and PSD applicability. All detailed calculations are included as attachments in Section 6.0.

3.1 Natural Gas-Fueled Engines (EPNs: ENG-1 through ENG-126)

All 126 of the Caterpillar G3520 engines are rated at 2.619 MW. The engines are 4-stroke, lean burn (4SLB) reciprocating internal combustion engines (RICE) that will be fired with pipeline quality natural gas. Products of combustion from the engines include Nitrous Oxides (NO_x), Carbon Monoxide (CO), Volatile Organic Compounds (VOC), Sulfur Dioxide (SO₂), particulate matter with diameter of less than 10 microns (PM₁₀), particulate matter with diameter of less than 2.5 microns (PM_{2.5}), and Hazardous Air Pollutants (HAPs) including Formaldehyde (HCHO). In addition to products of combustion, NH₃ that is unreacted in the SCR catalyst may be emitted from the units, and fugitive VOC emissions from equipment component leaks may occur.

For the purpose of calculating potential to emit (PTE) for the engines, annual emissions for each engine were estimated based on a projected number of startup hours per year (150 hr) and then assumed normal operation for the balance of the year (8,610 hr). Individual engine emissions were then multiplied by the total engine count (tpy/engine x 126 engines) to calculate sitewide caps for the engines. This does not mean that an individual engine is restricted to 150 startup hr/yr or 8,610 normal operating hr/yr; these numbers are simply the basis for calculating annual emission caps and do not serve as operating restrictions or enforceable limits. The sitewide emission caps therefore serve as the compliance metric for engine operations at the site.

3.1.1 Hourly Controlled Emissions

Uncontrolled hourly emissions of NO_x, CO, VOC, and HCHO in pounds per hour (lb/hr) were estimated using manufacturer-specific emission factors in grams per brake horsepower hour (g/bhp-hr) as follows:

$$\text{Hourly Emissions} \left(\frac{\text{lb}}{\text{hr}} \right) = \frac{\text{Emission Factor} \left(\frac{\text{g}}{\text{bhp} - \text{hr}} \right) * \text{Horsepower} (\text{hp})}{453.592 \left(\frac{\text{g}}{\text{lb}} \right)}$$

Hourly emissions of NH₃ in lb/hr are estimated by taking the worst-case outlet concentration from the catalyst vendor in parts per million (ppm), calculating emissions assuming standard conditions (68°F, and 14.7 psi), then correcting to 15% O₂ (assuming ambient O₂ = 20.9%) as shown below:

$$\text{Hourly Emissions (lb/hr)} = \frac{\text{Outlet Concentration (ppm)} * 10^{-6} * MW \left(\frac{\text{lb}}{\text{lb-mol}} \right) * \text{Engine Flow Rate (scfm)} * 60 \left(\frac{\text{min}}{\text{hr}} \right)}{385.3 \left(\frac{\text{scf}}{\text{lb-mol}} \right)}$$

$$\text{Hourly Emissions Corrected to 15\% O}_2 \left(\frac{\text{lb}}{\text{hr}} \right) = \text{Hourly Emissions at 10.1\% O}_2 * \left(\frac{20.9-10.1}{20.9-15} \right)$$

Uncontrolled hourly emissions of SO₂, PM, PM₁₀, PM_{2.5}, and HAPs in lb/hr were estimated using emission factors from EPA's AP-42, Chapter 3, Table 3.2-2 (October 2024) in pounds per million British Thermal Units (lb/MMBtu) as follows:

$$\text{Hourly Emissions} \left(\frac{\text{lb}}{\text{hr}} \right) = \frac{\text{Emission Factor} \left(\frac{\text{lb}}{\text{MMBtu}} \right) * \text{Fuel Consumption} \left(\frac{\text{Btu}}{\text{bhp-hr}} \right) * \text{Horsepower (hp)}}{1,000,000 \left(\frac{\text{Btu}}{\text{MMBtu}} \right)}$$

Controlled hourly emissions of NO_x, CO, VOC, HCHO, and HAPs are estimated by applying the appropriate catalyst vendor-guaranteed control efficiency (%) to the uncontrolled emissions as follows:

$$\text{Controlled Hourly Emissions} \left(\frac{\text{lb}}{\text{hr}} \right) = \text{Uncontrolled Hourly Emissions} \left(\frac{\text{lb}}{\text{hr}} \right) * (1 - \text{Control Efficiency (\%)})$$

3.1.2 Hourly Startup Emissions

Engine startup events are expected to occur in response to availability of renewable power. While the engines take ~1 minute to reach 100% load, the catalyst vendor conservatively estimates that the SCR catalyst will take up to 20 minutes (0.34 hr) to reach the operating temperature range required to control emissions of NO_x, CO, VOC, HCHO and HAPs to the guaranteed efficiency. Although urea will not be injected until the catalyst reaches operating temperature, the startup calculations for NH₃ conservatively assume that NH₃ will be emitted from the SCR catalyst for the entire hour, including both startup and routine operation. Startup emissions as an hourly rate (lb/hr) are therefore calculated as follows:

$$\text{Hourly Emission Rate} \left(\frac{\text{lb}}{\text{hr}} \right) = \left(\text{Uncontrolled Emission Rate} \left(\frac{\text{lb}}{\text{hr}} \right) * 0.34 \right) + \left(\text{Controlled Emission Rate} \left(\frac{\text{lb}}{\text{hr}} \right) * 0.66 \right)$$

3.1.3 Annual Emissions

For the purpose of calculating an enforceable annual emission limit, IP Meitner Gas, LLC estimates that each of the 126 engines may start up 150 times (estimated as 150 hours) per year. Annual emissions associated with startup are calculated in tpy as follows:

$$\text{Startup Annual Emissions} \left(\frac{\text{ton}}{\text{yr}} \right) = \text{Hourly Emissions} \left(\frac{\text{lb}}{\text{hr}} \right) * 150 \text{ Hours of Startup} * \left(\frac{1 \text{ ton}}{2,000 \text{ lb}} \right) * 126 \text{ Engines}$$

It is estimated that up to 107 engines will run up to 8,610 hours per year while the SCR catalyst is fully operational. Annual emissions for normal operation are therefore calculated in tons per year (tpy) as follows:

$$\text{Normal Operation Annual Emissions } \left(\frac{\text{ton}}{\text{yr}} \right) = \text{Hourly Emissions } \left(\frac{\text{lb}}{\text{hr}} \right) * 8,610 \text{ Hours of Operation} * \left(\frac{1 \text{ ton}}{2,000 \text{ lb}} \right) * 107 \text{ Engines}$$

Total annual emissions per engine (tpy) are then calculated as the sum of normal operating emissions (tpy) and startup emissions (tpy) as follows:

$$\text{Total Annual Emissions } \left(\frac{\text{ton}}{\text{yr}} \right) = \text{Normal Operation Annual Emissions } \left(\frac{\text{ton}}{\text{yr}} \right) + \text{Startup Annual Emissions } \left(\frac{\text{ton}}{\text{yr}} \right)$$

The operating scenarios represented in this section and the calculations tables below are for maximum potential emissions estimation purposes only. These operating scenarios should not be used to limit the maximum hours of operation, number of startup events, or operating profile of the machines. IP Meitner Gas, LLC will track and certify actual operations to demonstrate compliance with the lb/hr and tpy emission limits in the permit.

3.2 Diesel-Fueled Emergency Engines (EPNs: EGEN-1 through EGEN-7)

Four (4) 1250kW Caterpillar D1250 GC engines, two (2) 450 kW Caterpillar D450 GC engines, and one (1) 300 kW TBD engine will be installed at the Power Plant to provide emergency power. The engines are expected to operate as described in Section 2.0. Combustion emissions were calculated as follows:

3.2.1 Hourly Emissions

Hourly emissions of NO_x, CO, VOC, PM, PM_{2.5}, and PM₁₀ in lb/hr were estimated using manufacturer-specific emission factors in grams per horsepower-hour (g/hp-hr) as follows:

$$\text{Hourly Emissions } \left(\frac{\text{lb}}{\text{hr}} \right) = \frac{\text{Emission Factor } \left(\frac{\text{g}}{\text{hp-hr}} \right) * \text{Horsepower (hp)}}{453.592 \left(\frac{\text{g}}{\text{lb}} \right)}$$

Since the engines are diesel-fueled, hourly emissions of SO₂, in lb/hr were estimated using a calculated emission factor for diesel fuel combustion listed in EPA's AP-42, Chapter 3, Table 3.4-1 (October 2024) in pounds per brake horsepower hour (lb/bhp-hr) as follows:

$$\text{Hourly Emissions } \left(\frac{\text{lb}}{\text{hr}} \right) = \text{Emission Factor } \left(\frac{\text{lb}}{\text{bhp-hr}} \right) * \text{Horsepower (hp)}$$

Hourly emissions of HAPs in lb/hr were estimated using emission factors from EPA's AP-42, Chapter 3, Table 3.4-3 (October 2024) in pounds per million British Thermal Units (lb/MMBtu) as follows:

$$\text{Hourly Emissions} \left(\frac{\text{lb}}{\text{hr}} \right) = \text{Emission Factor} \left(\frac{\text{lb}}{\text{MMBtu}} \right) * \text{Hourly Heat Input} \left(\frac{\text{MMBtu}}{\text{hr}} \right)$$

3.2.2 Annual Emissions

Annual emissions were calculated in tpy by multiplying the hourly emission rates by the maximum number of hours each engine will run per year and the total number of engines at the site as follows:

$$\text{Annual Emissions} \left(\frac{\text{ton}}{\text{yr}} \right) = \text{Hourly Emissions} \left(\frac{\text{lb}}{\text{hr}} \right) * \text{Hours of Operation (hr)} * \# \text{Engines} * \left(\frac{1 \text{ ton}}{2,000 \text{ lb}} \right)$$

3.3 Fixed Roof Storage Tanks (EPNs: DTK-1, DBTK-1 through DBTK-7, LTK-1 and LTK-2, LDTK-1 through LDTK-3, and LETK-1 through LETK-126)

Hourly emissions from these fixed roof tanks are estimated utilizing the February 2020 TCEQ guidance for calculating short-term emissions from fixed roof tanks (APDG 6250). Maximum hourly filling losses were estimated using 95 degrees Fahrenheit (°F) and corresponding vapor pressure with the maximum hourly pump rate.

Annual working and standing loss emissions associated with the fixed roof storage tanks were estimated using the current methodology provided in US EPA AP-42 Section 7.1.3.1 "Total Losses from Fixed Roof Tanks" (October 2024) calculation methodologies. Working losses are estimated using maximum annual throughputs and meteorological data for Amarillo, Texas.

3.4 Equipment Fugitives (EPN: FUG-1)

Natural gas, diesel fuel, and lube oil and transferred via piping throughout the site. This piping includes components such as valves, flanges, and connectors that may emit VOC fugitive emissions (EPN: FUG-1). VOC emissions were estimated on a per component basis using emission methods outlined in the TCEQ's Air Permit Technical Guidance for Chemical Sources: Fugitive Guidance (June 2018), which is based on US EPA's Protocol for Equipment Leak Emission Estimates (EPA-453/R-95-017) (November 1995). Emissions were based on factors for the uncontrolled Synthetic Organic Chemical Manufacturing Industry (SOCMI) without ethylene due to normal operations having ppm values less than 10,000 ppmv.

Table 3-1 Project Emissions Summary

EPN	Equipment Description	Authorization	Emissions (tpy)								
			NO _x	CO	VOC	SO ₂	PM	PM ₁₀	PM _{2.5}	NH ₃	Total HAPs
ENG-1 - ENG-126	Cat G3250 Electric Generating Units	EGU Standard Permit	144.43	165.10	140.79	6.45	108.73	0.85	0.85	183.02	104.43
EGEN-1 - EGEN-7	Emergency Diesel Engines	PBR §106.511	2.54	0.14	0.05	0.02	0.03	0.03	0.03	--	<0.01
DTK-1	Diesel Storage Tank	PBR §106.472	--	--	0.01	--	--	--	--	--	--
DBTK-1 - DBTK-7	Emergency Engine Diesel Belly Tanks	PBR §106.472	--	--	0.02	--	--	--	--	--	--
LTK-1 - LTK-2	Lube Oil Storage Tanks	PBR §106.472	--	--	<0.01	--	--	--	--	--	--
LDTK-1 - LDTK-3	Lube Oil Day Tanks	PBR §106.472	--	--	<0.01	--	--	--	--	--	--
LETK-1 - LETK-126	Lube Oil Engine Tanks	PBR §106.472	--	--	<0.01	--	--	--	--	--	--
FUG-1	Fugitives from Piping Component Leaks	EGU Standard Permit	--	--	<0.01	--	--	--	--	--	<0.01
TOTALS			146.97	165.24	140.87	6.47	108.75	0.87	0.87	183.02	104.43

Table 3-2 Sitewide Emissions Summary – PSD Applicability – PBR Applicability

EPN	Equipment Description	Authorization	Emissions (tpy)								
			NO _x	CO	VOC	SO ₂	PM	PM ₁₀	PM _{2.5}	NH ₃	Total HAPs
ENG-1 - ENG-126	Cat G3250 Electric Generating Units	EGU Standard Permit	144.43	165.10	140.79	6.45	108.73	0.85	0.85	183.02	104.43
EGEN-1 - EGEN-7	Emergency Diesel Engines	PBR §106.511	2.54	0.14	0.05	0.02	0.03	0.03	0.03	--	<0.01
DTK-1	Diesel Storage Tank	PBR §106.472	--	--	0.01	--	--	--	--	--	--
DBTK-1 - DBTK-7	Emergency Engine Diesel Belly Tanks	PBR §106.472	--	--	0.02	--	--	--	--	--	--
LTK-1 - LTK-2	Lube Oil Storage Tanks	PBR §106.472	--	--	<0.01	--	--	--	--	--	--
LDTK-1 - LDTK-3	Lube Oil Day Tanks	PBR §106.472	--	--	<0.01	--	--	--	--	--	--
LETK-1 - LETK-126	Lube Oil Engine Tanks	PBR §106.472	--	--	<0.01	--	--	--	--	--	--
FUG-1	Fugitives from Piping Component Leaks	EGU Standard Permit	--	--	<0.01	--	--	--	--	--	<0.01
GRP-1 - GRP-4	Group 1 - Group 4 Emergency Diesel Generators	PBR §106.511 - Submitted via separate application package (TCEQ Project 408713)	99.73	7.69	5.77	0.45	1.11	1.11	1.11	--	0.06
TANKS	Group 1 - Group 4 Emergency Engine Diesel Tanks	PBR §106.472 - Submitted via separate application package(TCEQ Project 408713)	--	--	0.06	--	--	--	--	--	--
Sitewide Totals			246.70	172.93	146.70	6.92	109.86	1.98	1.98	183.02	104.49
PSD Thresholds			250	250	250	250	250	250	250	250	--
Below PSD Thresholds?			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PBR Totals			102.27	7.83	5.91	0.47	1.14	1.14	1.14	0.00	0.06
PBR Thresholds (30 TAC 106.4)			250	250	25	25	25	15	10	--	25
Below PBR Thresholds?			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

4 Regulatory Review

The following contains a discussion of all state and federal regulations that may apply to the power plant.

4.1 State Regulation Applicability

4.1.1 30 TAC §116.610 – Standard Permit Applicability

- (a) Under the Texas Clean Air Act, §382.051, a project that meets the requirements for a standard permit listed in this subchapter or issued by the commission is hereby entitled to the standard permit, provided the following conditions listed in this section are met. For the purposes of this subchapter, project means the construction or modification of a facility or a group of facilities submitted under the same registration.
 - (1) Any project that results in a net increase in emissions of air contaminants from the project other than water, nitrogen, ethane, hydrogen, oxygen, or greenhouse gases (GHGs) as defined in §101.1 of this title (relating to Definitions), or those for which a national ambient air quality standard has been established must meet the emission limitations of §106.261 of this title (relating to Facilities (Emission Limitations)), unless otherwise specified by a particular standard permit.

Paragraph (3)(A) of the Electric Generating Units Standard Permit, effective May 16, 2007, states that units that meet the conditions of the 2007 Electric Generating Units Standard Permit do not have to meet §116.610(a)(1). Therefore, this paragraph is not applicable to ENG-1 through ENG-126.

- (2) Construction or operation of the project must commence prior to the effective date of a revision to this subchapter under which the project would no longer meet the requirements for a standard permit.

There is currently no pending revision to this subchapter.

- (3) The proposed project must comply with the applicable provisions of the Federal Clean Air Act (FCAA), §111 (concerning New Source Performance Standards) as listed under 40 Code of Federal Regulations (CFR) Part 60, promulgated by the United States Environmental Protection Agency (EPA).

The only New Source Performance Standards (NSPS) applicable to ENG-1 through ENG-126 are for Stationary Spark Ignition Internal Combustion Engines in Title 40 Code of Federal Regulations (40 CFR) Part 60 Subpart JJJJ (NSPS JJJJ). The Federal Regulations discussion in this section details applicable compliance measures that will be taken by IP Meitner Gas, LLC.

- (4) The proposed project must comply with the applicable provisions of FCAA, §112 (concerning Hazardous Air Pollutants) as listed under 40 CFR Part 61, promulgated by the EPA.

There are no National Emission Standards for Hazardous Air Pollutants (NESHAP) in 40 CFR Part 61 that are applicable to ENG-1 through ENG-126. Therefore, this paragraph is not applicable.

- (5) The proposed project must comply with the applicable maximum achievable control technology standards as listed under 40 CFR Part 63, promulgated by the EPA under FCAA, §112 or as listed under Chapter 113, Subchapter C of this title (relating to National Emissions Standards for Hazardous Air Pollutants for Source Categories (FCAA, §112, 40 CFR Part 63)).

The only NESHAP in 40 CFR Part 63 (NESHAP MACT) that is applicable to ENG-1 through ENG-126 is MACT Subpart ZZZZ. ENG-1 through ENG-126 will comply with this regulation by complying with NSPS JJJJ, as required in 40 CFR §63.6590(c)(1).

- (6) If subject to Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program) the proposed facility, group of facilities, or account must obtain allocations to operate.

The site is not located in the Houston-Galveston-Brazoria ozone nonattainment area and therefore is not subject to the NO_x Mass Emissions Cap and Trade Program.

- (b) Any project that constitutes a new major stationary source or major modification as defined in §116.12 of this title (relating to Nonattainment and Prevention of Significant Deterioration Review Definitions) because of emissions of air contaminants other than greenhouse gases is subject to the requirements of §116.110 of this title (relating to Applicability) rather than this subchapter. Notwithstanding any Texas Commission on Environmental Quality Page 7 Chapter 116 - Control of Air Pollution by Permits for New Construction or Modification provision in any specific standard permit to the contrary, any project that constitutes a new major stationary source or major modification which is subject to Subchapter B, Division 6 of this chapter (relating to Prevention of Significant Deterioration Review) due solely to emissions of greenhouse gases may use a standard permit under this chapter for air contaminants that are not greenhouse gases.

The project in this registration does not represent a major source with respect to PSD review, as shown in Table 3-2 in Section 3.0.

- (c) Persons may not circumvent by artificial limitations the requirements of §116.110 of this title.

IP Meitner Gas, LLC will not circumvent the requirements of §116.110.

- (d) Any project involving a proposed affected source (as defined in §116.15(1) of this title (relating to Section 112(g) Definitions)) shall comply with all applicable requirements under Subchapter E of this chapter (relating to Hazardous Air Pollutants: Regulations Governing Constructed or Reconstructed Major Sources (FCAA, §112(g), 40 CFR Part 63)). Affected sources subject to Subchapter E of this chapter may use a standard permit under this subchapter only if the terms and conditions of the specific standard permit meet the requirements of Subchapter E of this chapter.

ENG-1 through ENG-126 are subject to 40 CFR Part 63, Subpart ZZZZ; therefore, Subchapter E is not applicable.

4.1.2 30 TAC §116.611 – Registration to Use a Standard Permit

- (a) If required, registration to use a standard permit shall be sent by certified mail, return receipt requested, or hand delivered to the executive director, the appropriate commission regional office, and any local air pollution program with jurisdiction, before a standard permit can be used. The registration must be submitted on the required form and must document compliance with the requirements of this section, including, but not limited to:
 - (1) the basis of emission estimates;
 - (2) quantification of all emission increases and decreases associated with the project being registered;
 - (3) sufficient information as may be necessary to demonstrate that the project will comply with §116.610(b) of this title (relating to Applicability);
 - (4) information that describes efforts to be taken to minimize any collateral emissions increases that will result from the project;
 - (5) a description of the project and related process; and
 - (6) a description of any equipment being installed.

IP Meitner Gas, LLC will comply with this requirement.

- (b) Construction may begin any time after receipt of written notification from the executive director that there are no objections or 45 days after receipt by the

executive director of the registration, whichever occurs first, except where a different time period is specified for a particular standard permit or the source obtains a prevention of significant deterioration permit for greenhouse gases as provided in §116.164(a) of this title (relating to Prevention of Significant Deterioration Applicability for Greenhouse Gases Sources).

IP Meitner Gas, LLC will comply with this requirement.

- (c) In order to avoid applicability of Chapter 122 of this title (relating to Federal Operating Permits), a certified registration shall be submitted. The certified registration must state the maximum allowable emission rates and must include documentation of the basis of emission estimates and a written statement by the registrant certifying that the maximum emission rates listed on the registration reflect the reasonably anticipated maximums for operation of the facility. The certified registration shall be amended if the basis of the emission estimates changes or the maximum emission rates listed on the registration no longer reflect the reasonably anticipated maximums for operation of the facility. The certified registration shall be submitted to the executive director; to the appropriate commission regional office; and to all local air pollution control agencies having jurisdiction over the site. Certified registrations must also be maintained in accordance with the requirements of §116.115 of this title (relating to General and Special Conditions).

IP Meitner Gas, LLC will comply with this requirement, as applicable. The site will be applicable to 30 TAC Chapter 122 relating to Federal Operating Permits (FOP). A FOP application will be submitted within 12 months following the issuance of this construction permit.

- (1) Certified registrations established prior to December 11, 2002, shall be submitted on or before February 3, 2003.

This subpart does not apply.

- (2) Certified registrations established on or after December 11, 2002, shall be submitted no later than the date of operation.

IP Meitner Gas, LLC will comply with this requirement, as applicable.

4.1.3 30 TAC §116.614 – Standard Permits: Standard Permit Fees

- (1) A flat fee of \$900 must be submitted for each standard permit registration, amended registration, or renewal, unless a different fee is specified in the applicable standard permit. No fee is required for registrations that are automatically renewed by the Commission.

IP Meitner Gas, LLC will pay all required fees upon application submittal.

4.1.4 30 TAC §116.615 – Standard Permit General Conditions

- (1) Protection of public health and welfare. The emissions from the facility, including dockside vessel emissions, must comply with all applicable rules and regulations of the commission adopted under Texas Health and Safety Code, Chapter 382, and with the intent of the Texas Clean Air Act (TCAA), including protection of health and property of the public.

The emissions from the facility will comply with all applicable rules and regulations of the commission adopted under the Texas Health and Safety Code, Chapter 382, and with the intent of the TCAA, including protection of health and property of the public.

- (2) Standard permit representations. All representations with regard to construction plans, operating procedures, and maximum emission rates in any registration for a standard permit become conditions upon which the facility or changes thereto, must be constructed and operated. It is unlawful for any person to vary from such representations if the change will affect that person's right to claim a standard permit under this section. Any change in condition such that a person is no longer eligible to claim a standard permit under this section requires proper authorization under §116.110 of this title (relating to Applicability). If the facility remains eligible for a standard permit, the owner or operator of the facility shall notify the executive director of any change in conditions which will result in a change in the method of control of emissions, a change in the character of the emissions, or an increase in the discharge of the various emissions as compared to the representations in the original registration or any previous notification of a change in representations. Notice of changes in representations must be received by the executive director no later than 30 days after the change.

IP Meitner Gas, LLC will adhere to the representations made in this Standard Permit registration and will notify the agency if changes are necessary.

- (3) Standard permit in lieu of permit amendment. All changes authorized by standard permit to a facility previously permitted under §116.110 of this title shall be administratively incorporated into that facility's permit at such time as the permit is amended or renewed.

This project does not seek to modify any sources permitted under 30 TAC §116.110. Therefore, this paragraph does not apply.

- (4) Construction progress. Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office not later than 15 working days after occurrence of the event, except where a different time period is specified for a particular standard permit.

IP Meitner Gas, LLC will comply with these requirements.

- (5) Start-up notification.
 - (A) The appropriate air program regional office of the commission and any other air pollution control agency having jurisdiction shall be notified prior to the commencement of operations of the facilities authorized by a standard permit in such a manner that a representative of the executive director may be present.
 - (B) For phased construction, which may involve a series of units commencing operations at different times, the owner or operator of the facility shall provide separate notification for the commencement of operations for each unit.
 - (C) Prior to beginning operations of the facilities authorized by the permit, the permit holder shall identify to the Office of Permitting, Remediation, and Registration, the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program).
 - (D) A particular standard permit may modify start-up notification requirements.

IP Meitner Gas, LLC will comply with these requirements.

- (6) Sampling requirements. If sampling of stacks or process vents is required, the standard permit holder shall contact the commission's appropriate regional office and any other air pollution control agency having jurisdiction prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The standard permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant.

IP Meitner Gas, LLC will comply with any sampling requirements of the standard permit.

- (7) Equivalency of methods. The standard permit holder shall demonstrate or otherwise justify the equivalency of emission control methods, sampling or other Texas Commission on Environmental Quality Page 11 Chapter 116 - Control of Air Pollution by Permits for New Construction or Modification emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the standard permit. Alternative

methods must be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the standard permit.

No alternative methods are proposed in this registration.

- (8) Recordkeeping. A copy of the standard permit along with information and data sufficient to demonstrate applicability of and compliance with the standard permit shall be maintained in a file at the plant site and made available at the request of representatives of the executive director, the United States Environmental Protection Agency, or any air pollution control agency having jurisdiction. For facilities that normally operate unattended, this information shall be maintained at the nearest staffed location within Texas specified by the standard permit holder in the standard permit registration. This information must include, but is not limited to, production records and operating hours. Additional recordkeeping requirements may be specified in the conditions of the standard permit. Information and data sufficient to demonstrate applicability of and compliance with the standard permit must be retained for at least two years following the date that the information or data is obtained. The copy of the standard permit must be maintained as a permanent record.

IP Meitner Gas, LLC will comply with the recordkeeping provisions of the standard permit.

- (9) Maintenance of emission control. The facilities covered by the standard permit may not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. Notification for emissions events and scheduled maintenance shall be made in accordance with §101.201 and §101.211 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; and Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements).

All emissions controls will be maintained in good working order and operated properly. Notifications of emissions events and scheduled maintenance will follow the appropriate reporting and recordkeeping requirements.

- (10) Compliance with rules. Registration of a standard permit by a standard permit applicant constitutes an acknowledgment and agreement that the holder will comply with all rules, regulations, and orders of the commission issued in conformity with the TCAA and the conditions precedent to the claiming of the standard permit. If more than one state or federal rule or regulation or permit condition are applicable, the most stringent limit or condition shall govern. Acceptance includes consent to the entrance of commission employees and designated representatives of any air pollution control agency having jurisdiction into the permitted premises at reasonable times to investigate

conditions relating to the emission or concentration of air contaminants, including compliance with the standard permit.

IP Meitner Gas, LLC will comply with all the terms of the standard permit.

- (11) Distance limitations, setbacks, and buffer zones. Notwithstanding any requirement in any standard permit, if a standard permit for a facility requires a distance, setback, or buffer from other property or structures as a condition of the Texas Commission on Environmental Quality Page 12 Chapter 116 - Control of Air Pollution by Permits for New Construction or Modification permit, the determination of whether the distance, setback, or buffer is satisfied shall be made on the basis of conditions existing at the earlier of:
- (A) the date new construction, expansion, or modification of a facility begins; or
 - (B) the date any application or notice of intent is first filed with the commission to obtain approval for the construction or operation of the facility.

There are no distance limitations, setbacks or buffer zones associated with the Electric Generating Units Standard Permit. Therefore, this paragraph does not apply.

4.1.5 Conformance with Standard Permit for Electric Generating Units, Effective May 16, 2007

- (1) Applicability
- (A) This standard permit may be used to authorize electric generating units installed or modified after the effective date of this standard permit and that meet the requirements of this standard permit.

ENG-1 through ENG-126 meet the requirements of this standard permit, as described in this section.

- (B) This standard permit may not be used to authorize boilers. Boilers may be authorized under the Air Quality Standard Permit for Boilers; 30 TAC §106.183, Boilers, Heaters, and Other Combustion Devices; or a permit issued under the requirements of 30 TAC Chapter 116.

ENG-1 through ENG-126 each consist of an EGU powered by an internal combustion engine, not a boiler. Therefore, this paragraph is being satisfied.

(2) Definitions

- (A) East Texas Region - All counties traversed by or east of Interstate Highway 35 or Interstate Highway 37, including Bosque, Coryell, Hood, Parker, Somervell and Wise Counties.
- (B) Installed - a generating unit is installed on the site when it begins generating electricity.
- (C) West Texas Region - Includes all of the state not contained in the East Texas Region.
- (D) Renewable fuel - fuel produced or derived from animal or plant products, byproducts or wastes, or other renewable biomass sources, excluding fossil fuels. Renewable fuels may include, but are not limited to, ethanol, biodiesel, and biogas fuels.

(3) Administrative Requirements

- (A) Electric generating units shall be registered in accordance with 30 TAC §116.611, Registration to Use a Standard Permit, using a current Form PI-1S. Units that meet the conditions of this standard permit do not have to meet 30 TAC § 116.610(a)(1), Applicability.

The purpose of this registration document is to register ENG-1 through ENG-126. A completed Form PI-1S is provided in Section 5.0 of this document.

- (B) Registration applications shall comply with 30 TAC § 116.614, Standard Permit Fees, for any single unit or multiple units at a site with a total generating capacity of 1 megawatt (MW) or greater. The fee for units or multiple units with a total generating capacity of less than 1 MW at a site shall be \$100.00. The fee shall be waived for units or multiple units with a total generating capacity of less than 1 MW at a site that have certified nitrogen oxides (NOx) emissions that are less than 10 percent of the standards required by this standard permit.

ENG-1 through ENG-126 together have a total generating capacity of more than 1 MW. IP Meitner Gas, LLC will pay the \$100 fee.

- (C) No owner or operator of an electric generating unit shall begin construction and/or operation without first obtaining written approval from the executive director.

ENG-1 through ENG-126 will not be placed onsite prior to receiving approval from the TCEQ.

- (D) Records shall be maintained and provided upon request to the Texas Commission on Environmental Quality (TCEQ) for the following:
 - (i) Hours of operation of the unit;
 - (ii) Maintenance records, maintenance schedules, and/or testing reports for the unit to document re-certification of emission rates as required by subsection (4)(G) below; and
 - (iii) Records to document compliance with the fuel sulfur limits in subsection (4)(C).

IP Meitner Gas, LLC will maintain the required records described in this section.

- (E) Electric generators powered by gas turbines must meet the applicable conditions, including testing and performance standards, of Title 40 Code of Federal Regulations (CFR) Part 60, Subpart GG, Standards of Performance for Stationary Gas Turbines, and applicable requirements of 40 CFR Part 60 Subpart KKKK, Standards of Performance for Stationary Combustion Turbines.

ENG-1 through ENG-126 are not powered by gas turbines. Therefore, this paragraph does not apply.

- (F) Compliance with this standard permit does not exempt the owner or operator from complying with any applicable requirements of 30 TAC Chapter 117, Control of Air Pollution from Nitrogen Compounds, or 30 TAC Chapter 114, Control of Air Pollution from Motor Vehicles.

There are no requirements in 30 TAC Chapter 114 or Chapter 117 that apply to ENG-1 through ENG-126.

(4) General Requirements

- (A) Emissions of NO_x from the electric generating unit shall be certified by the manufacturer or by the owner or operator in pounds of pollutant per megawatt hour (lb/MWh). This certification must be displayed on the name plate of the unit or on a label attached to the unit. Test results from U.S. Environmental Protection Agency (EPA) reference methods, California Air Resources Board methods, or equivalent alternative testing methods approved by the executive director used to verify this certification shall be provided upon request to the

TCEQ. The unit must operate on the same fuel(s) for which the unit was certified.

Emissions certification will be displayed on the units and test results will be provided to TCEQ, as required. The natural gas internal combustion engines will be fueled by pipeline quality natural gas.

- (B) Electric generating units that use combined heat and power (CHP) may take credit for the heat recovered from the exhaust of the combustion unit to meet the emission standards in subsections (4)(D), (4)(E), and (4)(F). Credit shall be at the rate of one MWh for each 3.4 million British Thermal Units of heat recovered. The following requirements must be met to take credit for CHP for units not sold and certified as an integrated package by the manufacturer:
 - (i) The owner or operator must provide as part of the application documentation of the heat recovered, electric output, efficiency of the generator alone, efficiency of the generator including CHP, and the use for the non-electric output, and
 - (ii) The heat recovered must equal at least 20 percent of the total energy output of the CHP unit.

ENG-1 through ENG-126 do not use CHP. Therefore, this paragraph is not applicable.

- (C) Fuels combusted in these electric generating units are limited to:
 - (i) Natural gas containing no more than ten grains total sulfur per 100 dry standard cubic feet;
 - (ii) Landfill gas, digester gas, stranded oilfield gas, or gaseous renewable fuel containing no more than 30 grains total sulfur per 100 dry standard cubic feet; or
 - (iii) Liquid fuels (including liquid renewable fuel) not containing waste oils or solvents and containing less than 0.05 percent by weight sulfur.

ENG-1 through ENG-126 will be fueled by pipeline quality natural gas, which meets the requirement in item (C)(i) above.

- (D) Except as provided in subsections (4)(F) and (4)(H), NO_x emissions for units 10 MW or less shall meet the following limitations based upon the date the unit is installed and the region in which it operates:

East Texas Region:

- (i) Units installed prior to January 1, 2005 and
 - (a) operating more than 300 hours per year - 0.47 lb/MWh;
 - (b) operating 300 hours or less per year - 1.65 lb/MWh;
- (ii) Units installed on or after January 1, 2005 and
 - (a) operating more than 300 hours per year, with a capacity greater than 250 kilowatts (kW) - 0.14 lb/MWh;
 - (b) operating 300 hours or less per year - 0.47 lb/MWh; or
 - (c) any unit with a capacity of 250 kW or less - 0.47 lb/MWh.

ENG-1 through ENG-126 are not located in the East Texas Region. Therefore, these limitations do not apply.

West Texas Region:

- (i) Units operating more than 300 hours per year - 3.11 lb/MWh;
- (ii) Units operating 300 hours or less per year - 21 lb/MWh. Units certified to comply with applicable Tier 1, 2, or 3 emission standards in 40 CFR Part 89, Control of Emissions from New and In-Use Nonroad Compression-Ignition Engines, are deemed to satisfy this emission limit.

ENG-1 through ENG-126 will be located in the West Texas Region, have a capacity of 2.619 MW each, and operate more than 300 hours per year. Therefore, the NO_x emission limit for these units is 3.11 lb/MWh. Startup NO_x emissions for ENG-1 through ENG-126 are 0.58 lb/MWh each, while controlled NO_x emissions for ENG-1 through ENG-126 are 0.11 lb/MWh each. As such, these units may be authorized under the 2007 Standard Permit.

- (E) Except as provided in subsections (4)(F) and (4)(H), NO_x emissions for units greater than 10 MW shall meet the following limitations:
 - (i) Units operating more than 300 hours per year - 0.14 lb/MWh;
 - (ii) Units operating 300 hours or less per year - 0.38 lb/MWh.

ENG-1 through ENG-126 are each less than 10 MW. Therefore, these limitations do not apply.

- (F) Electric generating units firing any gaseous or liquid fuel that is at least 75 percent landfill gas, digester gas, stranded oil field gas, or renewable fuel content by volume, shall meet a NO_x emission limit of 1.90 lb/MWh. Units in West Texas with a capacity of 10 MW or less that fire at least 75 percent landfill gas, digester gas, stranded oilfield gases, or gaseous or liquid renewable fuel by volume, must comply with the applicable West Texas NO_x limit in subsection (4)(D).

ENG-1 through ENG-126 will not fire any of the fuels described in the paragraph above. Therefore, the limitations in this paragraph do not apply.

- (G) To ensure continuing compliance with the emissions limitations, the owner or operator shall re-certify a unit every 16,000 hours of operation, but no less frequently than every three years. Re-certification may be accomplished by following a maintenance schedule that the manufacturer certifies will ensure continued compliance with the required NO_x standard or by third party testing of the unit using appropriate EPA reference methods, California Air Resources Board methods, or equivalent alternative testing methods approved by the executive director to demonstrate that the unit still meets the required emission standards. After re-certification, the unit must operate on the same fuel(s) for which the unit was re-certified.

NO_x emissions will be recertified every 16,000 hours of operation or every three years, whichever comes first. The recertification will follow appropriate testing methods approved by the TCEQ.

- (H) The NO_x emission limits in subsections (4)(D)-(4)(F) are subject to the following exceptions:
 - (i) The hourly NO_x emission limits do not apply at times when the ambient air temperature at the location of the unit is less than 0 degrees Fahrenheit.
 - (ii) At times when a unit is operating at less than 80% of rated load, an alternative NO_x emission standard for that unit may be determined by multiplying the applicable emission standard in subsections (4)(D)-(4)(F) by the rated load of the EGU (in MW), to produce an allowable hourly mass NO_x emission rate. In order to use this alternative standard, an owner or operator must maintain records that demonstrate compliance with the alternative emission standard, and make such records available to the TCEQ or any local air pollution control agency with jurisdiction upon request.

IP Meitner Gas, LLC understands the exceptions to the NO_x emission limits and will document any claims of these exceptions, as required.

4.1.6 30 TAC §106.4 – Requirements for Permitting by Rule

- (a) To qualify for a permit by rule, the following general requirements must be met.
- (1) Total actual emissions authorized under permit by rule from the facility shall not exceed 250 tons per year (tpy) of carbon monoxide (CO) or nitrogen oxides (NO_x); or 25 tpy of volatile organic compounds (VOC) or sulfur dioxide (SO₂) or inhalable particulate matter (PM₁₀); or 25 tpy of any other air contaminant except carbon dioxide, water, nitrogen, methane, ethane, hydrogen, and oxygen.

Emissions associated with the site represented in this PBR documentation are less than all thresholds stated above, as shown in Section 3.0.

- (2) Any facility or group of facilities, which constitutes a new major stationary source, as defined in §116.12 of this title (relating to Nonattainment Review Definitions), or any modification which constitutes a major modification, as defined in §116.12 of this title, under the new source review requirements of the Federal Clean Air Act (FCAA), Part D (Nonattainment) as amended by the FCAA Amendments of 1990, and regulations promulgated thereunder, must meet the permitting requirements of Chapter 116, Subchapter B of this title (relating to New Source Review Permits) and cannot qualify for a permit by rule under this chapter. Persons claiming a permit by rule under this chapter should see the requirements of §116.150 of this title (relating to New Major Source or Major Modification in Ozone Nonattainment Areas) to ensure that any applicable netting requirements have been satisfied.

The site will be located in Gray County, Texas, which is classified as an attainment area for all criteria pollutants; therefore, the emission increases from this project will not be subject to Nonattainment New Source Review (NNSR).

- (3) Any facility or group of facilities, which constitutes a new major stationary source, as defined in 40 Code of Federal Regulations (CFR) §52.21, or any change which constitutes a major modification, as defined in 40 CFR §52.21, under the new source review requirements of the FCAA, Part C (Prevention of Significant Deterioration) as amended by the FCAA Amendments of 1990, and regulations promulgated thereunder, must meet the permitting requirements of Chapter 116, Subchapter B of this title and cannot qualify for a permit by rule under this chapter.

The action does not constitute a new major source or major modification as defined in Title 40 Code of Federal Regulations (CFR) §52.21; therefore, these requirements do not apply.

- (4) Unless at least one facility at an account has been subject to public notification and comment as required in Chapter 116, Subchapter B or Subchapter D of this title (relating to New Source Review Permits or Permit Renewals), total actual emissions from all facilities permitted by rule at an account shall not exceed 250 tpy of CO or NO_x ; or 25 tpy of VOC or SO₂ or PM; or 15 tpy of PM₁₀; or 10 tpy of PM_{2.5}; or 25 tpy of any other air contaminant except carbon dioxide, water, nitrogen, methane, ethane, hydrogen, and oxygen.

This facility has not gone through public notice; however, total actual emissions from all facilities permitted by rule do not exceed the thresholds listed above.

- (5) Construction or modification of a facility commenced on or after the effective date of a revision of this section or the effective date of a revision to a specific permit by rule in this chapter must meet the revised requirements to qualify for a permit by rule.

This registration document represents the current requirements for each PBR claimed.

- (6) A facility shall comply with all applicable provisions of the FCAA, §111 (Federal New Source Performance Standards) and §112 (Hazardous Air Pollutants), and the new source review requirements of the FCAA, Part C and Part D and regulations promulgated thereunder.

IP Meitner Gas, LLC will comply with the referenced requirements, as applicable.

- (7) There are no permits under the same commission account number that contain a condition or conditions precluding the use of a permit by rule under this chapter.

There are no permits at the site with conditions that preclude the use of a PBR.

- (8) The proposed facility or group of facilities shall obtain allowances for NO_x if they are subject to Chapter 101, Subchapter H, Division, 3, of this title (relating to Mass Emissions Cap and Trade Program).

The site is not located in the Houston-Galveston-Brazoria ozone nonattainment area and therefore is not subject to the NO_x Mass Emissions Cap and Trade Program.

- (b) No person shall circumvent by artificial limitations the requirements of §116.110 of this title (relating to Applicability).

The site will not circumvent the requirements of §116.110 related to NSR permits.

- (c) The emissions from the facility shall comply with all the rules and regulations of the commission and with the intent of the TCAA, including protection of health and property of the public, and all emissions control equipment shall be maintained in good condition and operated properly during operation of the facility.

Emissions from the site will comply with all applicable TCEQ air quality rules and regulations. Emission controls will be maintained in good condition and will be operated properly.

- (d) Facilities permitted by rule under this chapter are not exempted from any permits or registrations required by local air pollution control agencies. Any such requirements must be in accordance with TCAA. §382.113 and any other applicable law.

IP Meitner Gas, LLC understands this requirement and will obtain any permits or registrations for local air pollution control agencies, if required. The City of Amarillo does not have a recognized local air program with the TCEQ.

4.1.7 30 TAC §106.472 – Organic and Inorganic Liquid Loading and Unloading

Liquid loading or unloading equipment for railcars, tank trucks, or drums; storage containers, reservoirs, tanks; and change of service of material loaded, unloaded, or stored is permitted by rule, provided that no visible emissions result and the chemicals loaded, unloaded, or stored are limited to:

- (1) the following list: asphalt, resins, soaps, lube oils, fuel oils, waxes, polymers, detergents, lube oil additives, kerosene, wax emulsions, vegetable oils, greases, animal fats, and diesel fuels;
- (2) water or wastewater;
- (3) aqueous salt solutions;
- (4) aqueous caustic solutions, except ammonia solutions;
- (5) inorganic acids except oleum, hydrofluoric, and hydrochloric acids;
- (6) aqueous ammonia solutions if vented through a water scrubber;
- (7) hydrochloric acid if vented through a water scrubber;
- (8) acetic acid if vented through a water scrubber;

- (9) organic liquids having an initial boiling point of 300 degrees Fahrenheit or greater. Facilities loading, unloading, or storing butyric acid, isobutyric acid, methacrylic acid, mercaptans, croton oil, 2- methyl styrene, or any other compound with an initial boiling point of 300 degrees Fahrenheit or greater listed in 40 Code of Federal Regulations 261, Appendix VIII shall be located at least 500 feet from any recreational area or residence or other structure not occupied or used solely by the owner of the facility or the owner of the property upon which the facility is located.

The storage tanks at the facility will store lube oil and diesel fuel, which is authorized via 30 TAC §106.472 under subsection (1).

4.1.8 30 TAC §106.511- Portable Emergency Engines and Turbines

Internal combustion engine and gas turbine driven compressors, electric generator sets, and water pumps, used only for portable, emergency, and/or standby services are permitted by rule, provided that the maximum annual operating hours shall not exceed 10% of the normal annual operating schedule of the primary equipment; and all electric motors. For purposes of this section, "standby" means to be used as a "substitute for" and not "in addition to" other equipment.

The diesel emergency engines will only be used to power equipment at the Meitner Energy Center during emergency situations. The maximum annual operating hours will not exceed 10% of the normal annual operating schedule (876 hours/year).

4.2 Federal Regulation Applicability

4.2.1 40 CFR Part 60 – Standards of Performance for New Stationary Sources

Subpart A – General Provisions

The requirements of Subpart A apply when another NSPS subpart is applicable to a site. Because the Power Plant is subject to other NSPS and provisions that reference Subpart A, Subpart A is also applicable to the site. The site is subject to the requirements in §60.1 for obtaining a permit for affected facilities, §60.7 for notifications and recordkeeping of affected facilities, §60.11 for compliance with standards and maintenance requirements, and §60.19 for general notification and reporting requirements.

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Subpart IIII applies to stationary compression ignition (CI) internal combustion engines (ICE) as specified in paragraphs (a)(1) through (4). The diesel-fired generators (EPNs: EGEN-1 through EGEN-7) meet the applicability criteria and are either certified to Tier 2 (Caterpillar D1250 GC) or Tier 3 (Caterpillar D450 GC, TBD) emissions standards. The engines will operate as emergency units. They will be maintained per manufacturer specifications, will use ultra-low sulfur diesel (ULSD), monitor runtime hours with a non-resettable hour meter, and follow applicable recordkeeping and reporting requirements.

Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines

The site is subject to this subpart because the engines on site will be natural gas fired, non-emergency stationary spark-ignited internal combustion engines with rated hp greater than 500 and manufactured after July 1, 2010. IP Meitner Gas, LLC will comply with the below specified emission standards listed in Table 1 and all applicable requirements under this subpart.

Pollutant	Emissions Standards (g/bhp-hr)
NO _x	1.0
CO	2.0
VOC	0.7

Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984, and On or Before October 4, 2023

Subpart Kb applies to storage tanks constructed after 1984 with a capacity greater than 75 m³ (19,813 gallons) (§60.110b(a)).

All tanks at the site will be constructed after October 4, 2023 therefore this subpart does not apply.

Subpart Kc – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After October 4, 2023

Subpart Kc applies to storage tanks constructed, reconstructed, or modified after October 4, 2023 with a capacity greater than or equal to 75.7 m³ (20,000 gallons) (§60.110c(a)).

There are no storage tanks at the site that are greater than or equal to 75.7 m³ (20,000 gallons); therefore, the tanks are not subject to Subpart Kc.

4.2.2 40 CFR Part 63 – National Emission Standards for Hazardous Air Pollutants for Source Categories

Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

The site will have stationary reciprocating internal combustion engines on site. IP Meitner Gas, LLC will adhere to the requirements in §63.6590(c), which states that compliance is achieved by complying with all applicable requirements of 40 CFR 60 Subparts JJJJ and IIII.

5 TCEQ Forms

The following information is included in this section:

- TCEQ Core Data Form
- TCEQ Form PI-1S – Registration for Air Standard Permit
- TCEQ Form PI-7-CERT – Registration for Permits by Rule
- TCEQ Permit by Rule Applicability Checklist
- TCEQ §106.472 Checklist
- TCEQ Table 1(a) pages 1, 2 – Emissions Point Summary
- TCEQ Table 29 – Reciprocating Engines



TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☒ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☐ Renewal (Core Data Form should be submitted with the renewal form)	☐ Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN TBD		RN 112441241

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
☒ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership					
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
IP Meitner Gas, LLC					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
806266896		32102623595		41-2719896	
				10. DUNS Number (if applicable) 14-494-8427	
11. Type of Customer:		☒ Corporation		☐ Individual	
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other		☐ Sole Proprietorship		Partnership: ☐ General ☐ Limited	
12. Number of Employees				13. Independently Owned and Operated?	
☐ 0-20 ☒ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher				☐ Yes ☒ No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
☐ Owner ☐ Operator ☒ Owner & Operator ☐ Other:					
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant					
15. Mailing Address:					
140 New Montgomery St., 11 th Floor					
City		San Francisco	State	CA	ZIP
				94105	ZIP + 4
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
N/A				Permitting@intersect.com	

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(713) 494-5700		() -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)								
☒ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)								
Meitner Energy Center								
23. Street Address of the Regulated Entity: (No PO Boxes)								
	City		State		ZIP		ZIP + 4	
24. County	Gray							

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:	Approximately 2.0 miles north of the intersection of County Road 21 and Highway 152, approximately 17 miles east of the city of Pampa, in Gray County, Texas 79065.							
26. Nearest City	State				Nearest ZIP Code			
Pampa	TX				79065			
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:			28. Longitude (W) In Decimal:					
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
35	34	46.28	100	42	30.77			
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)			
4911			221112					
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
Power generation								
34. Mailing Address:								
	140 New Montgomery St., 11th Floor							
	City	San Francisco	State	CA	ZIP	94105	ZIP + 4	
35. E-Mail Address:	Permitting@intersect.com							
36. Telephone Number	37. Extension or Code		38. Fax Number (if applicable)					
(713) 494-5700			() -					

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☒ Emissions Inventory Air	☐ Industrial Hazardous Waste
			TBD	
☐ Municipal Solid Waste	☒ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
	TBD			
☐ Sludge	☐ Storm Water	☒ Title V Air	☐ Tires	☐ Used Oil
		TBD		
☐ Voluntary Cleanup	☐ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Alexander Berner	41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(720) 899-3913		() -	aberner@onterris.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	IP Meitner Gas, LLC	Job Title:	Chief Commercial Officer
Name (In Print):	Simon Ross	Phone:	(510) 260-2192
Signature:		Date:	May 12, 2026

Form PI-1S
Registrations for Air Standard Permit
(Page 1)
Texas Commission on Environmental Quality

I.	Registrant Information
A.	Company or Other Legal Customer Name: IP Meitner Gas, LLC
B.	Company Official Contact Information: ☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other: _____
Name: Thomas Allison	
Title: Senior Manager, Permitting	
Mailing Address: 140 New Montgomery St., 11th Floor	
City: San Francisco	
State: CA	
ZIP Code: 94105	
Telephone Number: 713-494-5700	
Fax Number:	
Email Address: Thomas.Allison@intersect.com / permitting@intersect.com	
<i>All permit correspondence will be sent via email.</i>	
C.	Technical Contact Information ☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other: _____
Name: Thomas Allison	
Title: Senior Manager, Permitting	
Company Name: Intersect USA, LLC	
Mailing Address: 140 New Montgomery St., 11th Floor	
City: San Francisco	
State: CA	
ZIP Code: 94105	

Form PI-1S
Registrations for Air Standard Permit
(Page 2)
Texas Commission on Environmental Quality

I. Registrant Information (<i>continued</i>)
C. Technical Contact Information (<i>continued</i>)
Telephone Number: 713-494-5700
Fax Number:
Email Address: Thomas.Allison@intersect.com / permitting@intersect.com
II. Facility and Site Information
A. Name and Type of Facility
Facility Name: Meitner Energy Center
Type of Facility: ☒ Permanent ☐ Temporary
For portable units, please provide the serial number of the equipment being authorized below. Serial No(s):
B. Facility Location Information
Street Address:
If there is no street address, provide written driving directions to the site and provide the closest city or town, county, and ZIP code for the site (attach description if additional space is needed).
Approximately 2.0 miles north of the intersection of County Road 21 and Highway 152, approximately 17 miles east of the city of Pampa, in Gray County, Texas 79065.
City: Pampa
County: Gray
ZIP Code: 79065
C. Core Data Form (required for Standard Permits 6006, 6007, and 6013).
Is the Core Data Form (TCEQ Form 10400) attached? ☒ Yes ☐ No
Customer Reference Number (CN): TBD
Regulated Entity Number (RN): TBD
D. TCEQ Account Identification Number (if known):

Form PI-1S
Registrations for Air Standard Permit
(Page 3)
Texas Commission on Environmental Quality

II. Facility and Site Information (<i>continued</i>)
E. Type of Action ☒ Initial Application ☐ Change to Registration ☐ Renewal ☐ Renewal Certification
For Change to Registration, Renewal, or Renewal Certification actions provide the following:
Registration Number:
Expiration Date:
F. Standard Permit Claimed: 6005 - Electric Generating Units
G. Previous Standard Exemption or PBR Registration Number:
Is this authorization for a change to an existing facility previously authorized under a standard exemption or PBR? ☐ Yes ☒ No
If "Yes," enter previous standard exemption number(s) and PBR registration number(s) and associated effective date in the spaces provided below.
Standard Exemption Number(s):
PBR Registration Number(s):
H. Other Facilities at this Site Authorized by Standard Exemption, PBR, or Standard Permit
Are there any other facilities at this site that are authorized by an Air Standard Exemption, PBR, or Standard Permit? ☒ Yes ☐ No
If "Yes," enter standard exemption number(s), PBR registration number(s), Standard Permit Registration Number(s), and associated effective date in the spaces provided below.
Standard Exemption Number(s):
PBR Registration Number(s): 106.263, 106.511, 106.472
Standard Permit Registration Number(s):

Form PI-1S
Registrations for Air Standard Permit
(Page 4)
Texas Commission on Environmental Quality

II. Facility and Site Information (<i>continued</i>)
I. Other Air Preconstruction Permits
Are there any other air preconstruction permits at this site? ☒ Yes ☐ No
If "Yes," enter permit number(s) in the spaces provided below. TBD – Application for PBRs 106.511 and 106.472 are under review.
J. Affected Air Preconstruction Permits
Does the standard permit directly affect any permitted facility? ☐ Yes ☒ No
If "Yes," enter permit number(s) in the spaces provided below.
K. Federal Operating Permit (FOP) Requirements
Is this facility located at a site that is required to obtain a FOP pursuant to 30 TAC Chapter 122? ☒ Yes ☐ No ☐ To Be Determined
Check the requirements of 30 TAC Chapter 122 that will be triggered if this standard permit is approved (<i>check all that apply</i>). ☒ Initial Application for a FOP ☐ Significant Revision for a SOP ☐ Minor Revision for a SOP ☐ Operational Flexibility/Off Permit Notification for a SOP ☐ Revision for a GOP ☐ To be Determined ☐ None
Identify the type(s) of FOP issued and/or FOP application(s) submitted/pending for the site. (<i>check all that apply</i>) ☒ SOP ☐ SOP application/revision (submitted or under APD review) ☐ GOP ☐ GOP application/revision (submitted or under APD review) ☐ N/A

Form PI-1S
Registrations for Air Standard Permit
(Page 5)
Texas Commission on Environmental Quality

III. Fee Information (go to www.tceq.texas.gov/epay to pay online)
A. Fee Amount: \$900
B. Voucher number from ePay:
IV. Public Notice (if applicable)
A. Responsible Person
☒ Mr.
☐ Mrs.
☐ Ms.
☐ Other: _____
Name: Thomas Allison
Title: Senior Manager, Permitting
Company: Intersect USA, LLC
Mailing Address: 140 New Montgomery St., 11 th Floor
City: San Francisco
State: CA
ZIP Code: 94105
Telephone No. 713-494-5700
Fax No.:
Email Address: Thomas.Allison@intersect.com / permitting@intersect.com
B. Technical Contact
☒ Mr.
☐ Mrs.
☐ Ms.
☐ Other: _____
Name: Thomas Allison
Title: Senior Manager, Permitting
Company: Intersect USA, LLC
Mailing Address:
City: San Francisco
State: CA
ZIP Code: 94105

Form PI-1S
Registrations for Air Standard Permit
(Page 6)
Texas Commission on Environmental Quality

IV. Public Notice (if applicable)
B. Technical Contact
Telephone Number: 713-494-5700
Fax Number:
Email Address: Thomas.Allison@intersect.com / permitting@intersect.com
C. Bilingual Notice
Is a bilingual program required by the Texas Education Code in the School District? ☒ Yes ☐ No
Are the children who attend either the elementary school or the middle school closest to your facility eligible to be enrolled in a bilingual program provided by the district? ☒ Yes ☐ No
If "Yes," list which language(s) are required by the bilingual program below? Language(s): Spanish _____ Language(s): _____
D. Small Business Classification and Alternate Public Notice
Does this company (including parent companies and subsidiary companies) have fewer than 100 employees or less than \$6 million in annual gross receipts? ☐ Yes ☒ No
Is the site a major source under 30 TAC Chapter 122, Federal Operating Permit Program? ☒ Yes ☐ No
Are the site emissions of any individual regulated air contaminant equal to or greater than 50 tpy? ☒ Yes ☐ No
Are the site emissions of all regulated air contaminant combined equal to or greater than 75 tpy? ☒ Yes ☐ No

Form PI-1S
Registrations for Air Standard Permit
(Page 7)
Texas Commission on Environmental Quality

V. Renewal Certification Option	
A.	Does the permitted facility emit an air contaminant on the Air Pollutant Watch List, and is the permitted facility located in an area on the watch list? ☐ Yes ☒ No
B.	For facilities participating in the Houston/Galveston/Brazoria area (HGB) cap and trade program for highly reactive VOCs (HRVOCs), do the HRVOCs need to be speciated on the maximum allowable emission rates table (MAERT)? ☐ Yes ☒ No
C.	Does the company and/or site have an unsatisfactory compliance history? ☐ Yes ☒ No
D.	Are there any applications currently under review for this standard permit registration? ☐ Yes ☒ No
E.	Are scheduled maintenance, startup, or shutdown emissions required to be included in the standard permit registration at this time? ☐ Yes ☒ No
F.	Are any of the following actions being requested at the time of renewal: ☐ Yes ☒ No
1.	Are there any facilities that have been permanently shut down that are proposed to be removed from the standard permit registration? ☐ Yes ☒ No
2.	Do changes need to be made to the standard permit registration in order to remain in compliance? ☐ Yes ☒ No
3.	Are sources or facilities that have always been present and represented, but never identified in the standard permit registration, proposed to be included with this renewal? ☐ Yes ☒ No
4.	Are there any changes to the current emission rates table being proposed? ☐ Yes ☒ No
<i>Note: If answers to all of the questions in Section V. Renewal Certification Option are "No," use the certification option and skip to Section VII. of this form. If the answers to any of the questions in Section V. Renewal Certification Option are "Yes," the certification option cannot be used.</i>	
*If notice is applicable and comments are received in response to the public notice, the application does not qualify for the renewal certification option.	

Form PI-1S
Registrations for Air Standard Permit
(Page8)
Texas Commission on Environmental Quality

VI. Technical Information Including State and Federal Regulatory Requirements
Place a check next to the appropriate box to indicate what you have included in your submittal. <i>Note: Any technical or essential information needed to confirm that facilities are meeting the requirements of the standard permit must be provided. Not providing key information could result in an automatic deficiency and voiding of the project.</i>
A. Standard Permit requirements (Checklists are optional; however, your review will go faster if you provide applicable checklists.)
Did you demonstrate that the general requirements in 30 TAC §§116.610 and 116.615 are met? ☒ Yes ☐ No
Did you demonstrate that the individual requirements of the specific standard permit are met? ☒ Yes ☐ No
B. Confidential Information (All pages properly marked "CONFIDENTIAL"). ☒ Yes ☐ No
C. Process Flow Diagram. ☒ Yes ☐ No
D. Process Description. ☒ Yes ☐ No
E. Maximum Emissions Data and Calculations. ☒ Yes ☐ No
F. Plot Plan. ☒ Yes ☐ No
G. Projected Start of Construction Date, Start of Operation Date, and Length of Time at Site: ☒ Yes ☐ No
Projected Start of Construction (provide date): May 2026
Projected Start of Operation (provide date): November 2027
Length of Time at the Site:

Form PI-1S
Registrations for Air Standard Permit
(Page 9)
Texas Commission on Environmental Quality

VII. Delinquent Fees and Penalties

This form **will not be processed** until all delinquent fees and/or penalties owed to TCEQ or the Office of the Attorney General on behalf of TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol. For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at:
www.tceq.texas.gov/agency/financial/fees/delin/index.html

VIII. Signature Requirements

The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which application is made will not in any way violate any provision of the Texas Water Code (TWC), Chapter 7; the Texas Health and Safety Code (THSC), Chapter 382, the Texas Clean Air Act (TCAA) the air quality rules of the Texas Commission on Environmental Quality; or any local governmental ordinance or resolution enacted pursuant to the TCAA. I further state that I understand my signature indicates that this application meets all applicable nonattainment, prevention of significant deterioration, or major source of hazardous air pollutant permitting requirements. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties.

Name (printed): Simon Ross Chief Commercial Officer

Signature (original signature required):



IX. Copies of the Registration

The Form PI-1S application must be submitted through ePermits. No additional copies need to be sent to the Regional Office or local Air Pollution Control Program(s). The link to ePermits can be found here:
www3.tceq.texas.gov/steers/.

Certification and Registration for Permits by Rule
Form PI-7-CERT
Page 1
Texas Commission on Environmental Quality

I. Registrant Information
A. Company or Other Legal Customer Name: IP Meitner Gas, LLC
Company Official Contact Information (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other _____)
Name: Thomas Allison
Title: Senior Manager, Permitting
Mailing Address: 140 New Montgomery St., 11th Floor
City: San Francisco
State: CA
ZIP Code: 94105
Phone: 713-494-5700
Fax:
Email Address: Thomas.Allison@intersect.com / permitting@intersect.com
<i>All PBR registration responses will be sent via email.</i>
A. Technical Contact Information (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other _____)
Name: Thomas Allison
Title: Senior Manager, Permitting
Company Name: Intersect USA, LLC
Mailing Address: 140 New Montgomery St., 11th Floor
City: San Francisco
State: CA
ZIP Code: 94105
Phone: 713-494-5700
Fax Number:
Email Address: Thomas.Allison@intersect.com / permitting@intersect.com

Certification and Registration for Permits by Rule
Form PI-7-CERT
Page 2
Texas Commission on Environmental Quality

II. Facility and Site Information
A. Name and Type of Facility
Facility Name: Meitner Energy Center
Facility Type: ☒ Permanent ☐ Temporary
For portable units, please provide the serial number of the equipment being authorized below.
Serial No(s):
B. Facility Location Information
Street Address:
If there is no street address, provide written driving directions to the site and provide the closest city or town, county, and ZIP code for the site (attach description if additional space is needed).
Approximately 2.0 miles north of the intersection of County Road 21 and Highway 152, approximately 17 miles east of the city of Pampa, in Gray County, Texas 79065.
City:
County:
ZIP Code:
C. TCEQ Core Data Form
Is the Core Data Form (TCEQ Form Number 10400) attached? ☒ YES ☐ NO
If "NO," provide customer reference number (CN) and regulated entity number (RN) below.
Customer Reference Number (CN): TBD
Regulated Entity Number (RN): TBD
D. TCEQ Account Identification Number (if known):
E. Type of Action
☒ Initial Application ☐ Change to Registration
For Change to Registration provide the Registration Number:
F. PBR number(s) claimed under 30 TAC Chapter 106
(List all the individual rule number(s) that are being claimed.)
106.511
106.472
106.
106.

Certification and Registration for Permits by Rule
Form PI-7-CERT
Page 3
Texas Commission on Environmental Quality

II. Facility and Site Information <i>(continued)</i>
G. Historical Standard Exemption or PBR
Are you claiming a historical standard exemption or PBR? ☐ YES ☒ NO
If "YES," enter rule number(s) and associated effective date in the spaces provided below.
Rule Number: Effective Date:
Rule Number: Effective Date:
H. Previous Standard Exemption or PBR Registration Number
Is this authorization for a change to an existing facility previously authorized under a standard exemption or PBR? ☐ YES ☒ NO
If "YES," enter previous standard exemption number(s) and PBR registration number(s) and associated effective dates in the spaces provided below.
Standard Exemption and PBR Registration Number:
Effective Date:
I. Other Facilities at this Site Authorized by Standard Exemption, PBR, or Standard Permit
Are there any other facilities at this site that are authorized by an Air Standard Exemption, PBR, or Standard Permit? ☒ YES ☐ NO
If "YES," enter standard exemption number(s), PBR registration number(s), and Standard Permit registration number(s), and associated effective date in the spaces provided below.
Standard Exemption, PBR Registration, and Standard Permit Registration Number(s): TBD – Under Review
Effective Date:
Standard Exemption, PBR Registration, and Standard Permit Registration Number(s): TBD – Part of this application
Effective Date:
Standard Exemption, PBR Registration, and Standard Permit Registration Number(s):
Effective Date:
J. Other Air Preconstruction Permits
Are there any other air preconstruction permits at this site? ☒ YES ☐ NO
If "YES," enter permit number(s) in the spaces provided below.
TBD – Separate permit package is under review
K. Affected Air Preconstruction Permits
Does the PBR being claimed directly affect any permitted facility? ☐ YES ☒ NO

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II. Facility and Site Information <i>(continued)</i>
If "YES," enter the permit number(s) in the spaces provided below.
L. Federal Operating Permit (FOP) Requirements (30 TAC Chapter 122 Applicability)
1. Is this facility located at a site that is required to obtain an FOP pursuant to 30 TAC Chapter 122? ☒ YES ☐ NO ☐ To Be Determined
If the site currently has an existing FOP, enter the permit number: N/A
Check the requirements of 30 TAC Chapter 122 that will be triggered if this certification is accepted. <i>(check all that apply)</i>
☒ Initial Application for a FOP ☐ Significant Revision for an SOP ☐ Minor Revision for an SOP
☐ Operational Flexibility/Off Permit Notification for an SOP ☐ Revision for a GOP
☐ To be Determined ☐ None
2. Identify the type(s) of FOP issued and/or FOP application(s) submitted/pending for the site. <i>(check all that apply)</i>
☒ SOP ☐ GOP ☐ GOP application/revision (submitted or under APD review)
☐ N/A ☐ SOP application/revision (submitted or under APD review)
III. Fee Information <i>(See Section VII. for address to send fee or go to www.tceq.texas.gov/epay to pay online.)</i>
A. Fee Requirements
Is a fee required per Title 30 TAC § 106.50? ☒ YES ☐ NO
If "NO," specify the exception. There are three exceptions to paying a PBR fee. <i>(check all that apply)</i>
1. Registration is solely to establish a federally enforceable emission limit. ☐
2. Registration is within six months of an initial PBR review, and it is addressing deficiencies, administrative changes, or other allowed changes. ☐
3. Registration is for a remediation project (30 TAC § 106.533). ☐
B. Fee Amount
1. A \$100 fee is required if <i>any</i> of the answers in III.B.1 are "YES."
This business has less than 100 employees. ☐ YES ☒ NO
This business has less than \$6 million dollars in annual gross receipts. ☐ YES ☒ NO
This registration is submitted by a governmental entity with a population of less than 10,000. ☐ YES ☒ NO
This registration is submitted by a non-profit organization. ☐ YES ☒ NO

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III. Fee Information (See Section VII. for address to send fee or go to www.tceq.texas.gov/epay to pay online.) (continued)
2. A \$450 fee is required for all other registrations
A. Payment Information
Check/money order/transaction or voucher number:
Individual or company name on check:
Fee Amount: \$
Was the fee paid online? ☒ YES ☐ NO
IV. Technical Information Including State And Federal Regulatory Requirements Check the appropriate box to indicate what is included in your submittal. NOTE: Any technical or essential information needed to confirm that facilities are meeting the requirements of the PBR must be provided. Not providing key information could result in a deficiency of the project.
A. PBR requirements (Checklists are optional; however, your review will go faster if you provide applicable checklists.)
Did you demonstrate that the general requirements in 30 TAC § 106.4 are met? ☒ YES ☐ NO
Did you demonstrate that the individual requirements of the specific PBR are met? ☒ YES ☐ NO
B. Confidential Information Included (If confidential information is submitted with this registration, all confidential pages must be properly marked "CONFIDENTIAL.") ☒ YES ☐ NO
C. Process Flow Diagram: ☒ YES ☐ NO
D. Process Description: ☒ YES ☐ NO
E. Maximum Emissions Data and Calculations: ☒ YES ☐ NO
Note: If the facilities listed in this registration are subject to the Mass Emissions Cap & Trade program under 30 TAC Chapter 101, Subchapter H, Division 3 , the owner/operator of these facilities must possess NO _x allowances equivalent to the actual NO _x emissions from these facilities.
F. Is this certification being submitted to certify the emissions for the entire site? ☐ YES ☒ NO
If "NO," include a summary of the specific facilities and emissions being certified.
G. Table 1(a) (Form 10153) Emission Point Summary: ☒ YES ☐ NO
H. Distances from Property Line and Nearest Off-Property Structure
Distance from this facility's emission release point to the nearest property line: 370 feet
Distance from this facility's emission release point to the nearest off-property structure: 2075 feet

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IV. Technical Information Including State and Federal Regulatory Requirements

Check the appropriate box to indicate what is included in your submittal.

NOTE: Any technical or essential information needed to confirm that facilities are meeting the requirements of the PBR must be provided. Not providing key information could result in a deficiency of the project.

I. Project Status

Has the company implemented the project or waiting on a response from TCEQ?

☐ Implemented ☒ Waiting

J. Projected Start of Construction and Projected Start of Operation Dates:

Projected Start of Construction (provide date): May 2026

Projected Start of Operation (provide date): November 2027

V. Delinquent Fees

This form **will not be processed** until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ is paid in accordance with the Delinquent Fee and Penalty Protocol. For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at: www.tceq.texas.gov/agency/financial/fees/delin/index.html.

VI. Signature For Registration and Certification

The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which this application is made will not in any way violate any provision of the Texas Water Code (TWC), Chapter 7; the Texas Health and Safety Code, Chapter 382, the Texas Clean Air Act (TCAA); the air quality rules of the Texas Commission on Environmental Quality; or any local governmental ordinance or resolution enacted pursuant to the TCAA. I further state that I understand my signature indicates that this application meets all applicable nonattainment, prevention of significant deterioration, or major source of hazardous air pollutant permitting requirements. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties.

Name (printed): Simon Ross Chief Commercial Officer

Signature (original signature required) (certified through STEERS)

Date: May 12, 2026

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VII. Submitting Copies of the Certification and Registration

Copies must be sent as listed below.

Processing delays may occur if copies are not sent as noted.

Who	Where	What
Air Permits Initial Review Team (APIRT)	Regular, Certified, Priority Mail MC 161, P.O. Box 13087 Austin, Texas 78711-3087 Hand Delivery, Overnight Mail MC 161, 12100 Park 35 Circle, Building C, Third Floor Austin, Texas 78753	Originals Form PI-7-CERT, Core Data Form, and all attachments. Not required if using ePermits ¹ .
Revenue Section, TCEQ	Regular, Certified, Priority Mail MC 214, P.O. Box 13088 Austin, Texas 78711-3088 Hand Delivery, Overnight Mail MC 214, 12100 Park 35 Circle, Building A, Third Floor Austin, Texas 78753	Original Money Order or Check, Copy of Form PI-7-CERT, and Core Data Form. Not required if fee was paid using ePay ² .
Appropriate TCEQ Regional Office	To find your Regional Office address, go to the TCEQ website at www.tceq.texas.gov/agency/directory/region , or call (512) 239-1250.	Copy of Form PI-7-CERT, Core Data Form, and all attachments. Not required if using ePermits ¹
Appropriate Local Air Pollution Control Program(s)	To Find your local or Regional Air Pollution Control Programs go to the TCEQ, APD website at www.tceq.texas.gov/permitting/air/local_programs.html , or call (512)-239-1250	Copy of Form PI-7-CERT, Core Data Form, and all attachments.

¹ ePermits located at www3.tceq.texas.gov/steers/

² ePay located at www.tceq.texas.gov/epay

Texas Commission on Environmental Quality
Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106.4

The following checklist was developed by the Texas Commission on Environmental Quality (TCEQ), **Air Permits Division**, to assist applicants in determining whether or not a facility meets all of the applicable requirements. Before claiming a specific Permit by Rule (PBR), a facility must first meet all of the requirements of **Title 30 Texas Administrative Code § 106.4** (30 TAC § 106.4), "Requirements for Permitting by Rule." Only then can the applicant proceed with addressing requirements of the specific Permit by Rule being claimed.

The use of this checklist is not mandatory; however, it is the responsibility of each applicant to show how a facility being claimed under a PBR meets the general requirements of 30 TAC § 106.4 and also the specific requirements of the PBR being claimed. If all PBR requirements cannot be met, a facility will not be allowed to operate under the PBR and an application for a construction permit may be required under 30 TAC § 116.110(a).

Registration of a facility under a PBR can be performed by completing **Form PI-7** (Registration for Permits by Rule) or **Form PI-7-CERT** (Certification and Registration for Permits by Rule). The appropriate checklist should accompany the registration form. Check the most appropriate answer and include any additional information in the spaces provided. If additional space is needed, please include an extra page and reference the question number. The PBR forms, tables, checklists, and guidance documents are available from the TCEQ, Air Permits Division website at: www.tceq.texas.gov/permitting/air/nav/air_pbr.html.

1. 30 TAC § 106.4(a)(1) and (4): Emission Limits	Answer
List emissions in tpy for each facility (add additional pages or table if needed):	
Are the SO ₂ , PM ₁₀ , VOC, or other air contaminant emissions claimed for each facility in this PBR submittal less than 25 tpy?	☒ YES ☐ NO
Are the NO _x and CO emissions claimed for each facility in this PBR submittal less than 250 tpy?	☒ YES ☐ NO
<i>If the answer to both is "Yes," continue to the question below. If the answer to either question is "No," a PBR cannot be claimed.</i>	
Has any facility at the property had public notice and opportunity for comment under 30 TAC Section 116 for a regular permit or permit renewal? (This does not include public notice for voluntary emission reduction permits, grandfathered existing facility permits, or federal operating permits.)	☐ YES ☒ NO
<i>If "Yes," skip to Section 2. If "No," continue to the questions below.</i>	
If the site has had no public notice, please answer the following:	
Are the SO ₂ , PM ₁₀ , VOC, or other emissions claimed for all facilities in this PBR submittal less than 25 tpy?	☒ YES ☐ NO
Are the NO _x and CO emissions claimed for all facilities in this PBR submittal less than 250 tpy?	☒ YES ☐ NO
<i>If the answer to both questions is "Yes," continue to Section 2.</i>	
<i>If the answer to either question is "No," a PBR cannot be claimed. A permit will be required under Chapter 116.</i>	

Texas Commission on Environmental Quality
Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106.4

2. 30 TAC § 106.4(a)(2): Nonattainment Check	Answer
Are the facilities to be claimed under this PBR located in a designated ozone nonattainment county?	☐ YES ☒ NO
<i>If "Yes," please indicate which county by checking the appropriate box to the right.</i>	
(Moderate) - Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller counties:	☐ HGB
(Moderate) - Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise counties:	☐ DFW
<i>If "Yes," to any of the above, continue to the next question. If "No," continue to Section 3.</i>	
Does this project trigger a nonattainment review?	☐ YES ☐ NO
Is the project's potential to emit (PTE) for emissions of VOC or NO _x increasing by 100 tpy or more?	☐ YES ☐ NO
<i>PTE is the maximum capacity of a stationary source to emit any air pollutant under its worst-case physical and operational design unless limited by a permit, rules, or made federally enforceable by a certification.</i>	
Is the site an existing major nonattainment site and are the emissions of VOC or NO _x increasing by 40 tpy or more?	☐ YES ☐ NO
<i>If needed, attach contemporaneous netting calculations per nonattainment guidance.</i>	
Additional information can be found at: www.tceq.texas.gov/permitting/air/forms/newsource/tables/nsr_table8.html and www.tceq.texas.gov/permitting/air/nav/air_docs_newsource.html	
<i>If "Yes," to any of the above, the project is a major source or a major modification and a PBR may not be used. A Nonattainment Permit review must be completed to authorize this project. If "No," continue to Section 3.</i>	
3. 30 TAC § 106.4(a)(3): Prevention of Significant Deterioration (PSD) check	
Does this project trigger a review under PSD rules?	
To determine the answer, review the information below:	
Are emissions of any regulated criteria pollutant increasing by 100 tpy of any criteria pollutant at a named source?	☐ YES ☒ NO
Are emissions of any criteria pollutant increasing by 250 tpy of any criteria pollutant at an unnamed source?	☐ YES ☒ NO
Are emissions increasing above significance levels at an existing major site?	☐ YES ☒ NO
PSD information can be found at: www.tceq.texas.gov/assets/public/permitting/air/Forms/NewSourceReview/Tables/10173tbl.pdf and www.tceq.texas.gov/permitting/air/nav/air_docs_newsource.html	
<i>If "Yes," to any of the above, a PBR may not be used. A PSD Permit review must be completed to authorize the project.</i>	
<i>If "No," continue to Section 4.</i>	

Texas Commission on Environmental Quality
Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106.4

4. 30 TAC § 106.4(a)(6): Federal Requirements	Answer
Will all facilities under this PBR meet applicable requirements of Title 40 Code of Federal Regulations (40 CFR) Part 60, New Source Performance Standards (NSPS)?	☒ YES ☐ NO ☐ NA
If "Yes," which Subparts are applicable? (<i>answer below.</i>)	
JJJJ, IIII	
Will all facilities under this PBR meet applicable requirements of 40 CFR Part 63, Hazardous Air Pollutants Maximum Achievable Control Technology (MACT) standards?	☒ YES ☐ NO ☐ NA
If "Yes," which Subparts are applicable? (<i>answer below.</i>)	
ZZZZ	
Will all facilities under this PBR meet applicable requirements of 40 CFR Part 61, National Emissions Standards for Hazardous Air Pollutants (NESHAPs)?	☐ YES ☒ NO ☐ NA
If "Yes," which Subparts are applicable? (<i>answer below.</i>)	
<i>If "Yes" to any of the above, please attach a discussion of how the facilities will meet any applicable standards.</i>	
5. 30 TAC § 106.4(a)(7): PBR prohibition check	
Are there any air permits at the site containing conditions which prohibit or restrict the use of PBRs?	☐ YES ☒ NO
<i>If "Yes," PBRs may not be used or their use must meet the restrictions of the permit. A new permit or permit amendment may be required.</i>	
List permit number(s):	
6. 30 TAC § 106.4(a)(8): NO_x Cap and Trade	
Is the facility located in Harris, Brazoria, Chambers, Fort Bend, Galveston, Liberty, Montgomery, or Waller County?	☐ YES ☒ NO
<i>If "Yes," answer the question below.</i>	
<i>If "No," continue to Section 7.</i>	
Will the proposed facility or group of facilities obtain required allowances for NO _x if they are subject to 30 TAC Chapter 101, Subchapter H, Division 3 (relating to the Mass Emissions Cap and Trade Program)?	☐ YES ☐ NO

Texas Commission on Environmental Quality
Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106.4

7. Highly Reactive Volatile Organic Compounds (HRVOC) check		
Is the facility located in Harris County?	☐ YES ☒ NO	
<i>If "Yes," answer the next question. If "No," skip to the box below.</i>		
Will the project be constructed after June 1, 2006?	☒ YES ☐ NO	
<i>If "Yes," answer the next question.</i>		
<i>If "No," skip to the box below.</i>		
Will one or more of the following HRVOC be emitted as a part of this project?	☐ YES ☒ NO	
<i>If "Yes," complete the information below:</i>		
Information	lb/hr	tpy
▶ 1,3-butadiene		
▶ all isomers of butene (e.g., isobutene [2-methylpropene or isobutylene])		
▶ alpha-butylene (ethylethylene)		
▶ beta-butylene (dimethylethylene, including both cis- and trans-isomers)		
▶ ethylene		
▶ propylene		
Is the facility located in Brazoria, Chambers, Fort Bend, Galveston, Liberty, Montgomery, or Waller County?	☐ YES ☒ NO	
<i>If "Yes," answer the next question. If "No," the checklist is complete.</i>		
Will the project be constructed after June 1, 2006?	☒ YES ☐ NO	
<i>If "Yes," answer the next question. If "No," the checklist is complete.</i>		
Will one or more of the following HRVOC be emitted as a part of this project?	☐ YES ☒ NO	
<i>If "Yes," complete the information below:</i>		
Information	lb/hr	tpy
▶ ethylene		
▶ propylene		

**Exemption § 106.472 Checklist
(Previously Standard Exemption 51)
Organic Liquid Loading and Unloading
Texas Commission on Environmental Quality**

The following checklist is designed to help you confirm that you meet § 106.472, previously Standard Exemption 51 (STDX 51), requirements. **Any "no" answers indicate that the claim of registration may not meet all requirements for the use of Exemption § 106.472, previously Standard Exemption 51.** If you do not meet all the requirements, you may alter the project design/operation in such a way that all the requirements of the exemption are met or obtain a construction permit.

For additional assistance with your application, including resources to help calculate your emissions, please visit the Small Business and Local Government Assistance (SBLGA) webpage at the following link:

www.TexasEnviroHelp.org

Please Complete the Following:	
Have you included a description of how this exemption claim meets the general rule for the use of exemptions. (§ 106, Subchapter A checklist is available)?	☐ Yes ☐ No ☐ N/A
Are all the facilities claimed for exemption specifically named in the general section of § 106.472, previously STDX 51?	☐ Yes ☐ No ☐ N/A
Is the equipment designed to prevent visible emissions?	☐ Yes ☐ No ☐ N/A
Are all the chemicals to be loaded, unloaded, or stored described in §106.472 (previously STDX 51a-i)?	☐ Yes ☐ No ☐ N/A
Attach a list of the chemicals and identify the appropriate item of § 106.472, previously STDX 51 that applies.	☐ Yes ☐ No ☐ N/A
Include additional supporting data. For example, a § 106.472, previously STDX 51(i), claim should identify initial boiling points of all compounds to be covered.	☐ Yes ☐ No ☐ N/A
Will aqueous ammonia solutions, hydrochloric acid, or acetic acid be vented through a water scrubber?	☐ Yes ☐ No ☐ N/A
Are facilities loading, unloading, or storing butyric acid, isobutyric acid, methacrylic acid, mercaptans, croton oil, 2-methyl styrene, or any other compound with an initial boiling point of 300 degrees F or greater listed in 40 CFR 261, Appendix VIII, located at least 500 feet from any recreational area or residence or other structure not occupied or used solely by the owner or operator of the facility or the owner of the property upon which the facility is located?	☐ Yes ☐ No ☐ N/A
List these compounds and show their handling location on an attached scaled plot plan.	

Table 1(a) Emission Point Summary
Air Contaminant Data (Page 1)
Texas Commission on Environmental Quality

Date	Permit No	Regulated Entity No.:	Area Name	Customer Reference No.:
5/8/2026	TBD	RN112441241	Meitner Energy Center	TBD

Review of application and issuance of permits will be expedited by supplying all necessary information requested on the Table.

EPN	FIN	Name	Component or Air Contaminant Name	Air Contaminant Emission Rate (lb/hr)	Air Contaminant Emission Rate (tpy)
ENG-1	ENG-1	Single 3628 HP NG-fired Engine	NOx	1.52	--
			CO	3.68	--
			VOC	0.30	--
			SO ₂	0.01	--
			PM	0.23	--
			PM ₁₀	1.80E-03	--
			PM _{2.5}	1.80E-03	--
			NH ₃	0.39	--
ENG-1 - ENG-126	ENG-1 - ENG-126	CAP - 3628 HP NG-fired Engines	HAPs	0.95	--
			NOx	--	144.43
			CO	--	165.10
			VOC	--	140.79
			SO ₂	--	6.45
			PM	--	108.73
			PM ₁₀	--	0.85
			PM _{2.5}	--	0.85
EGEN-1	EGEN-1	1250 kW Emergency Diesel Engine - Black Start	NH ₃	--	183.02
			HAPs	--	104.43
			NOx	19.22	0.48
			CO	0.33	8.32E-03
			VOC	0.18	4.62E-03
			SO ₂	0.02	5.09E-04
			PM	0.04	9.24E-04
			PM ₁₀	0.04	9.24E-04
EGEN-2	EGEN-2	1250 kW Emergency Diesel Engine - Black Start	PM _{2.5}	0.04	9.24E-04
			HAPs	0.02	4.62E-04
			NOx	19.22	0.48
			CO	0.33	8.32E-03
			VOC	0.18	4.62E-03
			SO ₂	0.02	5.09E-04
			PM	0.04	9.24E-04
			PM ₁₀	0.04	9.24E-04
EGEN-2	EGEN-2	1250 kW Emergency Diesel Engine - Black Start	PM _{2.5}	0.04	9.24E-04
			HAPs	0.02	4.62E-04
			NOx	19.22	0.48
			CO	0.33	8.32E-03
			VOC	0.18	4.62E-03
			SO ₂	0.02	5.09E-04
			PM	0.04	9.24E-04
			PM ₁₀	0.04	9.24E-04

Table 1(a) Emission Point Summary
Air Contaminant Data (Page 1)
Texas Commission on Environmental Quality

Date	Permit No	Regulated Entity No.:	Area Name	Customer Reference No.:
5/8/2026	TBD	RN112441241	Meitner Energy Center	TBD

Review of application and issuance of permits will be expedited by supplying all necessary information requested on the Table.

EPN	FIN	Name	Component or Air Contaminant Name	Air Contaminant Emission Rate (lb/hr)	Air Contaminant Emission Rate (tpy)
EGEN-3	EGEN-3	1250 kW Emergency Diesel Engine - Black Start	NOx	19.22	0.48
			CO	0.33	8.32E-03
			VOC	0.18	4.62E-03
			SO2	0.02	5.09E-04
			PM	0.04	9.24E-04
			PM10	0.04	9.24E-04
			PM2.5	0.04	9.24E-04
			HAPs	0.02	4.62E-04
EGEN-4	EGEN-4	1250 kW Emergency Diesel Engine - Utilities E-House	NOx	19.22	0.48
			CO	0.33	8.32E-03
			VOC	0.18	4.62E-03
			SO2	0.02	5.09E-04
			PM	0.04	9.24E-04
			PM10	0.04	9.24E-04
			PM2.5	0.04	9.24E-04
			HAPs	0.02	4.62E-04
EGEN-5	EGEN-5	450 kW Emergency Diesel Engine - BESS	NOx	6.07	0.15
			CO	0.55	0.01
			VOC	0.05	1.33E-03
			SO2	1.61E-05	4.04E-07
			PM	0.04	9.98E-04
			PM10	0.04	9.98E-04
			PM2.5	0.04	9.98E-04
			HAPs	2.09E-03	5.24E-05
EGEN-6	EGEN-6	450 kW Emergency Diesel Engine - Control Room + Warehouse	NOx	6.07	0.15
			CO	0.55	0.01
			VOC	0.05	1.33E-03
			SO2	1.61E-05	4.04E-07
			PM	0.04	9.98E-04
			PM10	0.04	9.98E-04
			PM2.5	0.04	9.98E-04
			HAPs	2.09E-03	5.24E-05

Table 1(a) Emission Point Summary
Air Contaminant Data (Page 1)
Texas Commission on Environmental Quality

Date	Permit No	Regulated Entity No.:	Area Name	Customer Reference No.:
5/8/2026	TBD	RN112441241	Meitner Energy Center	TBD

Review of application and issuance of permits will be expedited by supplying all necessary information requested on the Table.

EPN	FIN	Name	Component or Air Contaminant Name	Air Contaminant Emission Rate (lb/hr)	Air Contaminant Emission Rate (tpy)
EGEN-7	EGEN-7	300 kW Emergency Diesel Engine - Firewater Pump	NOx	12.51	0.31
			CO	2.66	0.07
			VOC	0.98	0.02
			SO2	0.82	0.02
			PM	0.89	0.02
			PM10	0.89	0.02
			PM2.5	0.89	0.02
			HAPs	4.43E-03	1.11E-04
DTK-1	DTK-1	Diesel Storage Tank	VOC	0.03	1.16E-02
DBTK-1	DBTK-1	Diesel Belly Tank - 1250 kW Emergency Engine	VOC	0.03	3.07E-03
DBTK-2	DBTK-2	Diesel Belly Tank - 1250 kW Emergency Engine	VOC	0.03	3.07E-03
DBTK-3	DBTK-3	Diesel Belly Tank - 1250 kW Emergency Engine	VOC	0.03	3.07E-03
DBTK-4	DBTK-4	Diesel Belly Tank - 1250 kW Emergency Engine	VOC	0.03	3.07E-03
DBTK-5	DBTK-5	Diesel Belly Tank - 450 kW Emergency Engine	VOC	0.03	3.21E-03
DBTK-6	DBTK-6	Diesel Belly Tank - 450 kW Emergency Engine	VOC	0.03	3.21E-03
DBTK-7	DBTK-7	Diesel Belly Tank - 300 kW Emergency Engine	VOC	0.03	3.21E-03
LTK-1	LTK-1	Lube Oil Storage Tank	VOC	0.01	1.29E-03
LTK-2	LTK-2	Used Lube Oil Storage Tank	VOC	0.01	1.29E-03
LDTK-1	LDTK-1	Lube Oil Day Tank	VOC	0.01	2.92E-04
LDTK-2	LDTK-2	Lube Oil Day Tank	VOC	0.01	2.92E-04
LDTK-3	LDTK-3	Lube Oil Day Tank	VOC	0.01	2.92E-04
LETK-1	LETK-1	Single Engine Lube Oil Tank	VOC	7.11E-04	--
LETK-1 - LETK-126	LETK-1 - LETK-126	CAP - Engine Lube Oil Tanks	VOC	--	1.17E-03
FUG-1	FUG-1	Equipment Fugitives	VOC	0.00E+00	0.00E+00

Table 1(a) Emission Point Summary
Air Contaminant Data (Page 2)
Texas Commission on Environmental Quality

Date:	5/8/2026	Permit No.:	TBD	Regulated Entity No.:	RN112441241
Area Name:	Meitner Energy Center			Customer Reference No.:	TBD

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

AIR CONTAMINANT DATA			EMISSION POINT DISCHARGE PARAMETERS										
1. Emission Point			4. UTM Coordinates of Emission			Source							
EPN (A)	FIN (B)	Name (C)	Zone	Point		5. Building Height (Ft.)	6. Height Above Ground (Ft.)	7. Stack Exit Data			8. Fugitives		
				East (Meters)	North (Meters)			Diameter (Ft.) (A)	Velocity (FPS) (B)	Temperature (°F) (C)	Length (Ft.) (A)	Width (Ft.) (B)	Axis Degrees (C)
ENG-1	ENG-1	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-2	ENG-2	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-3	ENG-3	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-4	ENG-4	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-5	ENG-5	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-6	ENG-6	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-7	ENG-7	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-8	ENG-8	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-9	ENG-9	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-10	ENG-10	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-11	ENG-11	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-12	ENG-12	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-13	ENG-13	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-14	ENG-14	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-15	ENG-15	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-16	ENG-16	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-17	ENG-17	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-18	ENG-18	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-19	ENG-19	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-20	ENG-20	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-21	ENG-21	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-22	ENG-22	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-23	ENG-23	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-24	ENG-24	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-25	ENG-25	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-26	ENG-26	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-27	ENG-27	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-28	ENG-28	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-29	ENG-29	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-30	ENG-30	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-31	ENG-31	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-32	ENG-32	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-33	ENG-33	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-34	ENG-34	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-35	ENG-35	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-36	ENG-36	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-37	ENG-37	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-38	ENG-38	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-39	ENG-39	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-40	ENG-40	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-41	ENG-41	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-42	ENG-42	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-43	ENG-43	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-44	ENG-44	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-45	ENG-45	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-46	ENG-46	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-47	ENG-47	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-48	ENG-48	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-49	ENG-49	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-50	ENG-50	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-51	ENG-51	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A

Table 1(a) Emission Point Summary
Air Contaminant Data (Page 2)
Texas Commission on Environmental Quality

Date:	5/8/2026	Permit No.:	TBD	Regulated Entity No.:	RN112441241
Area Name:	Meitner Energy Center			Customer Reference No.:	TBD

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

AIR CONTAMINANT DATA			EMISSION POINT DISCHARGE PARAMETERS										
1. Emission Point			4. UTM Coordinates of Emission Point			Source							
						5. Building Height (Ft.)	6. Height Above Ground (Ft.)	7. Stack Exit Data			8. Fugitives		
EPN (A)	FIN (B)	Name (C)	Zone	East (Meters)	North (Meters)			Diameter (Ft.) (A)	Velocity (FPS) (B)	Temperature (°F) (C)	Length (Ft.) (A)	Width (Ft.) (B)	Axis Degrees (C)
ENG-52	ENG-52	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-53	ENG-53	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-54	ENG-54	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-55	ENG-55	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-56	ENG-56	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-57	ENG-57	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-58	ENG-58	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-59	ENG-59	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-60	ENG-60	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-61	ENG-61	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-62	ENG-62	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-63	ENG-63	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-64	ENG-64	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-65	ENG-65	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-66	ENG-66	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-67	ENG-67	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-68	ENG-68	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-69	ENG-69	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-70	ENG-70	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-71	ENG-71	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-72	ENG-72	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-73	ENG-73	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-74	ENG-74	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-75	ENG-75	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-76	ENG-76	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-77	ENG-77	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-78	ENG-78	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-79	ENG-79	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-80	ENG-80	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-81	ENG-81	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-82	ENG-82	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-83	ENG-83	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-84	ENG-84	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-85	ENG-85	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-86	ENG-86	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-87	ENG-87	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-88	ENG-88	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-89	ENG-89	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-90	ENG-90	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-91	ENG-91	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-92	ENG-92	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-93	ENG-93	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-94	ENG-94	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-95	ENG-95	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-96	ENG-96	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-97	ENG-97	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-98	ENG-98	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-99	ENG-99	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-100	ENG-100	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-101	ENG-101	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-102	ENG-102	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A

Table 1(a) Emission Point Summary
Air Contaminant Data (Page 2)
Texas Commission on Environmental Quality

Date:	5/8/2026	Permit No.:	TBD	Regulated Entity No.:	RN112441241
Area Name:	Meitner Energy Center			Customer Reference No.:	TBD

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

AIR CONTAMINANT DATA			EMISSION POINT DISCHARGE PARAMETERS										
1. Emission Point			4. UTM Coordinates of Emission Point			Source							
EPN (A)	FIN (B)	Name (C)				Zone	East (Meters)	North (Meters)	5. Building Height (Ft.)	6. Height Above Ground (Ft.)	7. Stack Exit Data		
			Diameter (Ft.) (A)	Velocity (FPS) (B)	Temperature (°F) (C)						Length (Ft.) (A)	Width (Ft.) (B)	Axis Degrees (C)
ENG-103	ENG-103	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-104	ENG-104	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-105	ENG-105	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-106	ENG-106	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-107	ENG-107	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-108	ENG-108	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-109	ENG-109	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-110	ENG-110	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-111	ENG-111	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-112	ENG-112	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-113	ENG-113	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-114	ENG-114	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-115	ENG-115	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-116	ENG-116	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-117	ENG-117	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-118	ENG-118	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-119	ENG-119	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-120	ENG-120	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-121	ENG-121	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-122	ENG-122	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-123	ENG-123	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-124	ENG-124	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-125	ENG-125	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
ENG-126	ENG-126	3628 HP NG-fired Engine	14S	345,030	3,938,683	N/A	31.2	1.5	191.8	857	N/A	N/A	N/A
EGEN-1	EGEN-1	1250 kW Emergency Diesel Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	TBD	N/A	N/A	N/A
EGEN-2	EGEN-2	1250 kW Emergency Diesel Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	TBD	N/A	N/A	N/A
EGEN-3	EGEN-3	1250 kW Emergency Diesel Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	TBD	N/A	N/A	N/A
EGEN-4	EGEN-4	1250 kW Emergency Diesel Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	TBD	N/A	N/A	N/A
EGEN-5	EGEN-5	450 kW Emergency Diesel Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	TBD	N/A	N/A	N/A
EGEN-6	EGEN-6	450 kW Emergency Diesel Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	TBD	N/A	N/A	N/A
EGEN-7	EGEN-7	300 kW Emergency Diesel Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	TBD	N/A	N/A	N/A
DTK-1	DTK-1	Diesel Storage Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
DBTK-1	DBTK-1	Diesel Belly Tank - 1250 kW Emergency Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
DBTK-2	DBTK-2	Diesel Belly Tank - 1250 kW Emergency Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
DBTK-3	DBTK-3	Diesel Belly Tank - 1250 kW Emergency Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
DBTK-4	DBTK-4	Diesel Belly Tank - 1250 kW Emergency Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
DBTK-5	DBTK-5	Diesel Belly Tank - 450 kW Emergency Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
DBTK-6	DBTK-6	Diesel Belly Tank - 450 kW Emergency Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
DBTK-7	DBTK-7	Diesel Belly Tank - 300 kW Emergency Engine	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LTK-1	LTK-1	Lube Oil Storage Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LDTK-1	LDTK-1	Lube Oil Day Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LDTK-2	LDTK-2	Lube Oil Day Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LDTK-3	LDTK-3	Lube Oil Day Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-1	LETK-1	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-2	LETK-2	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-3	LETK-3	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-4	LETK-4	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-5	LETK-5	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-6	LETK-6	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-7	LETK-7	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-8	LETK-8	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A

Table 1(a) Emission Point Summary
Air Contaminant Data (Page 2)
Texas Commission on Environmental Quality

Date:	5/8/2026	Permit No.:	TBD	Regulated Entity No.:	RN112441241
Area Name:	Meitner Energy Center			Customer Reference No.:	TBD

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

AIR CONTAMINANT DATA			EMISSION POINT DISCHARGE PARAMETERS										
1. Emission Point			4. UTM Coordinates of Emission Point			Source							
EPN (A)	FIN (B)	Name (C)				Zone	East (Meters)	North (Meters)	5. Building Height (Ft.)	6. Height Above Ground (Ft.)	7. Stack Exit Data		
			Diameter (Ft.) (A)	Velocity (FPS) (B)	Temperature (°F) (C)						Length (Ft.) (A)	Width (Ft.) (B)	Axis Degrees (C)
LETK-9	LETK-9	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-10	LETK-10	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-11	LETK-11	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-12	LETK-12	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-13	LETK-13	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-14	LETK-14	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-15	LETK-15	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-16	LETK-16	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-17	LETK-17	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-18	LETK-18	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-19	LETK-19	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-20	LETK-20	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-21	LETK-21	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-22	LETK-22	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-23	LETK-23	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-24	LETK-24	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-25	LETK-25	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-26	LETK-26	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-27	LETK-27	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-28	LETK-28	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-29	LETK-29	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-30	LETK-30	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-31	LETK-31	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-32	LETK-32	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-33	LETK-33	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-34	LETK-34	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-35	LETK-35	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-36	LETK-36	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-37	LETK-37	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-38	LETK-38	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-39	LETK-39	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-40	LETK-40	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-41	LETK-41	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-42	LETK-42	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-43	LETK-43	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-44	LETK-44	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-45	LETK-45	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-46	LETK-46	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-47	LETK-47	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-48	LETK-48	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-49	LETK-49	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-50	LETK-50	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-51	LETK-51	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-52	LETK-52	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-53	LETK-53	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-54	LETK-54	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-55	LETK-55	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-56	LETK-56	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-57	LETK-57	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-58	LETK-58	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-59	LETK-59	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A

Table 1(a) Emission Point Summary
Air Contaminant Data (Page 2)
Texas Commission on Environmental Quality

Date:	5/8/2026	Permit No.:	TBD	Regulated Entity No.:	RN112441241
Area Name:	Meitner Energy Center			Customer Reference No.:	TBD

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

AIR CONTAMINANT DATA			EMISSION POINT DISCHARGE PARAMETERS										
1. Emission Point			4. UTM Coordinates of Emission Point			Source							
EPN (A)	FIN (B)	Name (C)				Zone	East (Meters)	North (Meters)	5. Building Height (Ft.)	6. Height Above Ground (Ft.)	7. Stack Exit Data		
								Diameter (Ft.) (A)	Velocity (FPS) (B)	Temperature (°F) (C)	Length (Ft.) (A)	Width (Ft.) (B)	Axis Degrees (C)
LETK-60	LETK-60	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-61	LETK-61	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-62	LETK-62	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-63	LETK-63	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-64	LETK-64	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-65	LETK-65	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-66	LETK-66	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-67	LETK-67	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-68	LETK-68	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-69	LETK-69	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-70	LETK-70	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-71	LETK-71	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-72	LETK-72	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-73	LETK-73	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-74	LETK-74	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-75	LETK-75	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-76	LETK-76	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-77	LETK-77	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-78	LETK-78	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-79	LETK-79	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-80	LETK-80	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-81	LETK-81	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-82	LETK-82	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-83	LETK-83	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-84	LETK-84	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-85	LETK-85	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-86	LETK-86	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-87	LETK-87	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-88	LETK-88	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-89	LETK-89	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-90	LETK-90	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-91	LETK-91	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-92	LETK-92	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-93	LETK-93	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-94	LETK-94	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-95	LETK-95	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-96	LETK-96	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-97	LETK-97	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-98	LETK-98	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-99	LETK-99	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-100	LETK-100	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-101	LETK-101	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-102	LETK-102	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-103	LETK-103	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-104	LETK-104	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-105	LETK-105	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-106	LETK-106	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-107	LETK-107	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-108	LETK-108	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-109	LETK-109	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-110	LETK-110	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A

Table 1(a) Emission Point Summary
Air Contaminant Data (Page 2)
Texas Commission on Environmental Quality

Date:	5/8/2026	Permit No.:	TBD	Regulated Entity No.:	RN112441241
Area Name:	Meitner Energy Center			Customer Reference No.:	TBD

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

AIR CONTAMINANT DATA			EMISSION POINT DISCHARGE PARAMETERS										
1. Emission Point			4. UTM Coordinates of Emission Point			Source							
						5. Building Height (Ft.)	6. Height Above Ground (Ft.)	7. Stack Exit Data			8. Fugitives		
Diameter (Ft.) (A)	Velocity (FPS) (B)	Temperature (°F) (C)	Length (Ft.) (A)	Width (Ft.) (B)	Axis Degrees (C)								
EPN (A)	FIN (B)	Name (C)	Zone	East (Meters)	North (Meters)								
LETK-111	LETK-111	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-112	LETK-112	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-113	LETK-113	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-114	LETK-114	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-115	LETK-115	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-116	LETK-116	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-117	LETK-117	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-118	LETK-118	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-119	LETK-119	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-120	LETK-120	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-121	LETK-121	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-122	LETK-122	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-123	LETK-123	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-124	LETK-124	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-125	LETK-125	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
LETK-126	LETK-126	Engine Lube Oil Tank	14S	345,030	3,938,683	N/A	TBD	TBD	TBD	Ambient	N/A	N/A	N/A
FUG-1	FUG-1	Equipment Fugitives	14S	345,030	3,938,683	N/A	N/A	N/A	N/A	N/A	775	705	0

Texas Commission on Environmental Quality
Table 29 Reciprocating Engines

I. Engine Data											
Manufacturer: Caterpillar		Model No. G3520		Serial No. TBD		Manufacture Date:					
Rebuilds Date:		No. of Cylinders: 20		Compression Ratio: 10.5:1		EPN: ENG-1 through ENG-126					
Application: ☐ Gas Compression ☒ Electric Generation ☐ Refrigeration ☐ Emergency/Stand by ☒ 4 Stroke Cycle ☐ 2 Stroke Cycle ☐ Carbureted ☐ Spark Ignited ☐ Dual Fuel ☐ Fuel Injected ☐ Diesel ☐ Naturally Aspirated ☐ Blower /Pump Scavenged ☐ Turbo Charged and I.C. ☐ Turbo Charged ☐ Intercooled ☐ I.C. Water Temperature ☒ Lean Burn ☐ Rich Burn											
Ignition/Injection Timing:				Fixed:		Variable:					
Manufacture Horsepower Rating: 3,628				Proposed Horsepower Rating: 3628							
Discharge Parameters											
Stack Height (Feet)		Stack Diameter (Feet)		Stack Temperature (°F)		Exit Velocity (FPS)					
31.2		1.5		857		191.8					
II. Fuel Data											
Type of Fuel: ☐ Field Gas ☐ Landfill Gas ☐ LP Gas ☒ Natural Gas ☐ Digester Gas ☐ Diesel											
Fuel Consumption (BTU/bhp-hr): 6,433				Heating Value: 1020 Btu/scf				Lower Heating Value: 933 Btu/scf			
Sulfur Content (grains/100 scf - weight %): 10 grains/scf											
III. Emission Factors (Before Control)											
NO _x		CO		SO ₂		VOC		Formaldehyde		PM ₁₀	
g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv
0.50		1.31		1.88E-03		0.24		0.25		0.0003	
Source of Emission Factors: ☒ Manufacturer Data ☒ AP-42 ☐ Other (specify):											
IV. Emission Factors (Post Control)											
NO _x		CO		SO ₂		VOC		Formaldehyde		PM ₁₀	
g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv
0.04		0.04		N/A		0.04		0.02		N/A	
Method of Emission Control: ☐ NSCR Catalyst ☐ Lean Operation ☐ Parameter Adjustment ☐ Stratified Charge ☐ JLCC Catalyst ☒ Other (Specify): SCR											
Note: Must submit a copy of any manufacturer control information that demonstrates control efficiency.											
Is Formaldehyde included in the VOCs?										☐ Yes ☒ No	
V. Federal and State Standards (Check all that apply)											
☒ NSPS JJJJ ☒ MACT ZZZZ ☐ NSPS IIII ☐ Title 30 Chapter 117 - List County: _____											
VI. Additional Information											
1. Submit a copy of the engine manufacturer's site rating or general rating specification data. 2. Submit a typical fuel gas analysis, including sulfur content and heating value. For gaseous fuels, provide mole percent of constituents. 3. Submit description of air/fuel ratio control system (manufacturer information is acceptable).											

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Texas Commission on Environmental Quality
Table 29 Reciprocating Engines

I. Engine Data											
Manufacturer: Caterpillar			Model No. D1250 GC			Serial No. TBD			Manufacture Date:		
Rebuilds Date:			No. of Cylinders: 12			Compression Ratio: 15.0:1			EPN: EGEN-1 to EGEN-4		
Application: ☐ Gas Compression ☐ Electric Generation ☐ Refrigeration ☒ Emergency/Stand by											
☒ 4 Stroke Cycle ☐ 2 Stroke Cycle ☐ Carbureted ☐ Spark Ignited ☐ Dual Fuel ☐ Fuel Injected											
☒ Diesel ☐ Naturally Aspirated ☐ Blower /Pump Scavenged ☐ Turbo Charged and I.C. ☐ Turbo Charged											
☐ Intercooled ☐ I.C. Water Temperature ☐ Lean Burn ☒ Rich Burn											
Ignition/Injection Timing: Fixed: Variable:											
Manufacture Horsepower Rating: 1676						Proposed Horsepower Rating: 1676					
Discharge Parameters											
Stack Height (Feet)			Stack Diameter (Feet)			Stack Temperature (°F)			Exit Velocity (FPS)		
TBD			TBD			806.6			TBD		
II. Fuel Data											
Type of Fuel: ☐ Field Gas ☐ Landfill Gas ☐ LP Gas ☐ Natural Gas ☐ Digester Gas ☒ Diesel											
Fuel Consumption (BTU/bhp-hr): 6,998				Heating Value: 138,700 Btu/gal				Lower Heating Value: 128,000			
Sulfur Content (grains/100 scf - weight %): 15 ppm											
III. Emission Factors (Before Control)											
NO _x		CO		SO ₂		VOC		Formaldehyde		PM ₁₀	
g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv
5.20		0.09		1.21E-5		0.05		7.89E-5		0.01	
Source of Emission Factors: ☒ Manufacturer Data ☒ AP-42 ☐ Other (specify):											
IV. Emission Factors (Post Control)											
NO _x		CO		SO ₂		VOC		Formaldehyde		PM ₁₀	
g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv
N/A		N/A		N/A		N/A		N/A		N/A	
Method of Emission Control: ☐ NSCR Catalyst ☐ Lean Operation ☐ Parameter Adjustment ☐ Stratified Charge ☐ JLCC Catalyst ☐ Other (Specify):											
<i>Note: Must submit a copy of any manufacturer control information that demonstrates control efficiency.</i>											
Is Formaldehyde included in the VOCs?										☐ Yes ☒ No	
V. Federal and State Standards (Check all that apply)											
☐ NSPS JJJJ ☒ MACT ZZZZ ☒ NSPS IIII ☐ Title 30 Chapter 117 - List County:											
VI. Additional Information											
1. Submit a copy of the engine manufacturer's site rating or general rating specification data. 2. Submit a typical fuel gas analysis, including sulfur content and heating value. For gaseous fuels, provide mole percent of constituents. 3. Submit description of air/fuel ratio control system (manufacturer information is acceptable).											

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Texas Commission on Environmental Quality
Table 29 Reciprocating Engines

I. Engine Data											
Manufacturer: Caterpillar		Model No. D450 GC		Serial No. TBD		Manufacture Date:					
Rebuilds Date:		No. of Cylinders: 6		Compression Ratio: 16.1:1		EPN: EGEN-5 and EGEN-6					
Application: ☐ Gas Compression ☐ Electric Generation ☐ Refrigeration ☒ Emergency/Stand by											
☒ 4 Stroke Cycle ☐ 2 Stroke Cycle ☐ Carbureted ☐ Spark Ignited ☐ Dual Fuel ☐ Fuel Injected											
☒ Diesel ☐ Naturally Aspirated ☐ Blower /Pump Scavenged ☐ Turbo Charged and I.C. ☐ Turbo Charged											
☐ Intercooled ☐ I.C. Water Temperature ☐ Lean Burn ☒ Rich Burn											
Ignition/Injection Timing: Fixed: _____ Variable: _____											
Manufacture Horsepower Rating: 603						Proposed Horsepower Rating: 603					
Discharge Parameters											
Stack Height (Feet)		Stack Diameter (Feet)		Stack Temperature (°F)		Exit Velocity (FPS)					
TBD		TBD		1230		TBD					
II. Fuel Data											
Type of Fuel: ☐ Field Gas ☐ Landfill Gas ☐ LP Gas ☐ Natural Gas ☐ Digester Gas ☒ Diesel											
Fuel Consumption (BTU/bhp-hr): 6,998				Heating Value: 138,700 Btu/gal				Lower Heating Value: 128,000			
Sulfur Content (grains/100 scf - weight %): 15 ppm											
III. Emission Factors (Before Control)											
NO _x		CO		SO ₂		VOC		Formaldehyde		PM ₁₀	
g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv
4.56		0.41		1.21E-5		0.04		7.89E-5		0.03	
Source of Emission Factors: ☒ Manufacturer Data ☒ AP-42 ☐ Other (specify): _____											
IV. Emission Factors (Post Control)											
NO _x		CO		SO ₂		VOC		Formaldehyde		PM ₁₀	
g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv
N/A		N/A		N/A		N/A		N/A		N/A	
Method of Emission Control: ☐ NSCR Catalyst ☐ Lean Operation ☐ Parameter Adjustment ☐ Stratified Charge ☐ JLCC Catalyst ☐ Other (Specify): _____											
<i>Note: Must submit a copy of any manufacturer control information that demonstrates control efficiency.</i>											
Is Formaldehyde included in the VOCs?										☐ Yes ☒ No	
V. Federal and State Standards (Check all that apply)											
☐ NSPS JJJJ ☒ MACT ZZZZ ☒ NSPS IIII ☐ Title 30 Chapter 117 - List County: _____											
VI. Additional Information											
1. Submit a copy of the engine manufacturer's site rating or general rating specification data. 2. Submit a typical fuel gas analysis, including sulfur content and heating value. For gaseous fuels, provide mole percent of constituents. 3. Submit description of air/fuel ratio control system (manufacturer information is acceptable).											

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Texas Commission on Environmental Quality
Table 29 Reciprocating Engines

I. Engine Data											
Manufacturer: TBD		Model No. TBD (300 kW)		Serial No. TBD		Manufacture Date:					
Rebuilds Date:		No. of Cylinders: TBD		Compression Ratio: TBD		EPN: EGEN-7					
Application: ☐ Gas Compression ☐ Electric Generation ☐ Refrigeration ☒ Emergency/Stand by											
☒ 4 Stroke Cycle ☐ 2 Stroke Cycle ☐ Carbureted ☐ Spark Ignited ☐ Dual Fuel ☐ Fuel Injected											
☒ Diesel ☐ Naturally Aspirated ☐ Blower /Pump Scavenged ☐ Turbo Charged and I.C. ☐ Turbo Charged											
☐ Intercooled ☐ I.C. Water Temperature ☐ Lean Burn ☒ Rich Burn											
Ignition/Injection Timing: Fixed: Variable:											
Manufacture Horsepower Rating: 402						Proposed Horsepower Rating: 402					
Discharge Parameters											
Stack Height (Feet)		Stack Diameter (Feet)		Stack Temperature (°F)		Exit Velocity (FPS)					
TBD		TBD		1230		TBD					
II. Fuel Data											
Type of Fuel: ☐ Field Gas ☐ Landfill Gas ☐ LP Gas ☐ Natural Gas ☐ Digester Gas ☒ Diesel											
Fuel Consumption (BTU/bhp-hr): 6,998				Heating Value: 138,700 Btu/gal				Lower Heating Value: 128,000			
Sulfur Content (grains/100 scf - weight %): 15 ppm											
III. Emission Factors (Before Control)											
NO _x		CO		SO ₂		VOC		Formaldehyde		PM ₁₀	
g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv
14.10		3.0		0.93		1.10		7.89E-5		1	
Source of Emission Factors: ☐ Manufacturer Data ☒ AP-42 ☒ Other (specify): EPA Tier 3 Standard											
IV. Emission Factors (Post Control)											
NO _x		CO		SO ₂		VOC		Formaldehyde		PM ₁₀	
g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv
N/A		N/A		N/A		N/A		N/A		N/A	
Method of Emission Control: ☐ NSCR Catalyst ☐ Lean Operation ☐ Parameter Adjustment ☐ Stratified Charge ☐ JLCC Catalyst ☐ Other (Specify): _____											
Note: Must submit a copy of any manufacturer control information that demonstrates control efficiency.											
Is Formaldehyde included in the VOCs?										☐ Yes ☒ No	
V. Federal and State Standards (Check all that apply)											
☐ NSPS JJJJ ☒ MACT ZZZZ ☒ NSPS IIII ☐ Title 30 Chapter 117 - List County: _____											
VI. Additional Information											
1. Submit a copy of the engine manufacturer's site rating or general rating specification data. 2. Submit a typical fuel gas analysis, including sulfur content and heating value. For gaseous fuels, provide mole percent of constituents. 3. Submit description of air/fuel ratio control system (manufacturer information is acceptable).											

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