

Brooke Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 22, 2025

MR MICHAEL DUPLANTIS
SR EHS DIRECTOR
ABILENE DC 1 LLC
255 FILLMORE ST
DENVER CO 80206-5030

Re: Electric Generating Units Air Quality Standard Permit Revision
(Effective 5/16/2007)
Standard Permit Registration Number: 177263
Standard Permit Expiration Date: August 21, 2034
Abilene Dc 1 Llc
Longhorn Data Center
Abilene, Taylor County
Regulated Entity Number: RN112029079
Customer Reference Number: CN606295137

Dear Mr. Duplantis:

Abilene Dc 1, LLC submitted an application on January 11, 2025, to register construction related to Electric Generating Units to be located at from abilene, travel north on treadway blvd & travel for 2.2 miles. continue onto pine street & follow for 0.9 miles. turn left onto i-20 frontage road & travel for 1 mile. turn right onto old anson road & continue for 2.2 miles. turn left into facility, Abilene, Taylor County. We understand that this registration is for emissions associated with the 10 natural gas simple-cycle turbines located at the Longhorn Data Center.

The Texas Commission on Environmental Quality (TCEQ) has determined that your proposed emissions are authorized by this standard permit pursuant to Title 30 Texas Administrative Code § 116.602 and Texas Health and Safety Code § 382.05195, if constructed and operated as described in your registration. Authorized emissions are listed on the attached table.

You are reminded that 30 TAC § 116.615 requires that any construction or change authorized by this standard permit be administratively incorporated into the affected facilities' permit(s) at the next amendment or renewal.

You are also reminded that these facilities must comply with all rules and regulations of the TCEQ and of the U.S. Environmental Protection Agency at all times.

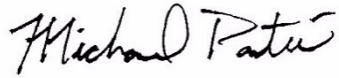
Permittees must report the operational status for each relevant standard permit registration by December 31st of each year electronically through the State of Texas Environmental Electronic Reporting System (STEERS). More information is available at www.tceq.texas.gov/permitting/air/annual-reporting-requirements-airpermits.

If you need further information or have any questions, please contact Ms. Amanda Andrews at (512) 239-2913 or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Mr. Michael Duplantis
Page 2
January 22, 2025

Re: Standard Permit Registration Number 177263

Sincerely,

A handwritten signature in black ink that reads "Michael Partee". The signature is written in a cursive, flowing style.

Michael Partee, Manager
Rule Registrations Section
Air Permits Division
Texas Commission on Environmental Quality

cc: Environmental Health Manager, Environmental Health Section, Abilene-Taylor County Public Health
District, Abilene
Air Section Manager, Region 3 - Abilene

Project Number: 387309

Standard Permit Maximum Emission Rates Table
Permit Number 177263

The facilities and emissions included in this table have been represented and reviewed as the maximum emissions authorized by this standard permit registration.

MAXIMUM ALLOWABLE EMISSION RATES TABLE (MAERT)														
EPN / Emission Source	VOC		NOx		CO		PM_{2.5} / PM₁₀		HAP		SO₂		NH3	
	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy
Turbine 1 / Titan 350 simple-cycle	5.24	22.96	3.42	14.98	4.16	18.22	2.13	9.33	0.33	1.45	1.10	4.81	5.29	23.19
Turbine 2 / Titan 350 simple-cycle	5.24	22.96	3.42	14.98	4.16	18.22	2.13	9.33	0.33	1.45	1.10	4.81	5.29	23.19
Turbine 3 / Titan 350 simple-cycle	5.24	22.96	3.42	14.98	4.16	18.22	2.13	9.33	0.33	1.45	1.10	4.81	5.29	23.19
Turbine 4 / Titan 350 simple-cycle	5.24	22.96	3.42	14.98	4.16	18.22	2.13	9.33	0.33	1.45	1.10	4.81	5.29	23.19
Turbine 5 / Titan 350 simple-cycle	5.24	22.96	3.42	14.98	4.16	18.22	2.13	9.33	0.33	1.45	1.10	4.81	5.29	23.19
Turbine 6 / GE LM2500 simple-cycle	5.41	23.70	3.07	13.44	3.73	16.35	1.99	8.70	0.31	1.35	1.02	4.48	5.29	23.19
Turbine 7 / GE LM2500 simple-cycle	5.41	23.70	3.07	13.44	3.73	16.35	1.99	8.70	0.31	1.35	1.02	4.48	5.29	23.19
Turbine 8 / GE LM2500 simple-cycle	5.41	23.70	3.07	13.44	3.73	16.35	1.99	8.70	0.31	1.35	1.02	4.48	5.29	23.19
Turbine 9 / GE LM2500 simple-cycle	5.41	23.70	3.07	13.44	3.73	16.35	1.99	8.70	0.31	1.35	1.02	4.48	5.29	23.19
Turbine 10 / GE LM2500 simple-cycle	5.41	23.70	3.07	13.44	3.73	16.35	1.99	8.70	0.31	1.35	1.02	4.48	5.29	23.19
FUG / Fugitives	<0.01	0.01											2.89	12.64
TOTAL EMISSIONS (TPY):		233.31		141.95		172.85		90.15		14.00		46.45		244.54
MAXIMUM OPERATING SCHEDULE: Hours/Year													8,760	

- VOC - volatile organic compounds
- NO_x - total oxides of nitrogen
- CO - carbon monoxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5} as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- SO₂ - sulfur dioxide
- NH3 - ammonia
- HAP - hazardous air pollutants

Note: Fugitive emission rates are estimates and are enforceable through compliance with the standard permit representations.

Date: January 22, 2025