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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 21, 2025

MR AUSTIN STORMS
CO-HEAD, MINING AND MISSION CRITICAL
GALAXY HELIOS I LLC
5949 SHERRY LN STE 1610
DALLAS TX 75225-8092

Re: Electric Generating Units Air Quality Standard Permit Revision
(Effective 5/16/2007)
Standard Permit Registration Number: 179090
Standard Permit Expiration Date: March 7, 2035
Galaxy Helios I LLC
Galaxy Helios I
Afton, Dickens County
Regulated Entity Number: RN111537775
Customer Reference Number: CN606350171

Dear Mr. Storms:

Galaxy Helios I LLC submitted an application on May 2, 2025 to register construction related to Electric Generating Units to be located at 984 County Road 112, Afton, Dickens County. We understand that this registration is for emissions associated with revising the emissions for 120 diesel generators and adding an additional generator unit.

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.

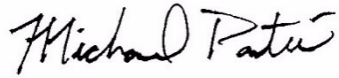
Permittees must report the operational status for each relevant standard permit registration by December 31st of each year electronically through the State of Texas Environmental Electronic Reporting System (STEERS). More information is available at www.tceq.texas.gov/permitting/air/annual-reporting-requirements-airpermits.

If you need further information or have any questions, please contact Ms. Camryn Appert at (512) 239-0625 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. Austin Storms
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Re: Standard Permit Registration Number 179090

Sincerely,

A handwritten signature in black ink that reads "Michael Partee". The signature is written in a cursive style with a horizontal line at the end.

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

cc: Air Section Manager, Region 2 - Lubbock

Project Number: 392804

Standard Permit Maximum Emission Rates Table
Permit Number 179090

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		NO_x		CO		PM		SO₂		HAPs		Other	
	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy
New Emissions														
GEN-W-01 / Water Treatment Generator #1 (100% load)	0.07	<0.01	13.13	0.43	0.62	0.02	0.06	<0.01	0.43	0.01	0.03	<0.01	--	--
Revised Emissions														
GEN-S-01 / South Emergency Generator #1 (25% load)	0.19	0.01	19.26	0.63	4.58	0.15	0.34	0.01	0.41	0.01	0.04	<0.01	--	--
GEN-S-02 through GEN-S-10 / South Emergency Generators #2 - #20 (75% load)	0.31	0.09	26.81	7.84	5.45	1.59	0.55	0.16	1.22	0.36	0.10	0.03	--	--
GEN-S-11 / South Emergency Generator #11 (10% load)	0.35	0.01	13.89	0.45	3.38	0.11	0.04	<0.01	0.16	0.01	0.02	<0.01	--	--
GEN-S-12 through GEN-S-20 / South Emergency Generators #12 - #20 (75% load)	0.31	0.09	26.81	7.84	5.45	1.59	0.55	0.16	1.22	0.36	0.10	0.03	--	--
GEN-S-21 through GEN-S-24 / South Emergency Generators #21 - #24 (50 % load)	0.26	0.04	15.29	2.00	3.69	0.48	0.51	0.07	0.81	0.10	0.07	0.01	--	--
GEN-S-25 through GEN-S-33 / South Emergency Generators #25 - #33 (75% load)	0.31	0.09	26.81	7.84	5.45	1.59	0.55	0.16	1.22	0.36	0.10	0.03	--	--
GEN-S-34 / South Emergency Generator #34 (10% load)	0.35	0.01	13.89	0.45	3.38	0.11	0.04	<0.01	0.16	0.01	0.02	<0.01	--	--
GEN-S-35 through GEN-S-43 / South Emergency Generators #35 - #43 (75% load)	0.31	0.09	26.81	7.84	5.45	1.59	0.55	0.16	1.22	0.36	0.10	0.03	--	--
GEN-S-44 / South Emergency Generator #44 (50% load)	0.26	0.01	15.29	0.50	3.69	0.12	0.51	0.02	0.81	0.03	0.07	<0.01	--	--
GEN-N-01 / North Emergency Generator #1 (25% load)	0.19	0.01	19.26	0.63	4.58	0.15	0.34	0.01	0.41	0.01	0.04	<0.01	--	--
GEN-N-02 through GEN-N-10 / North Emergency Generators #2 - #10 (75% load)	0.31	0.09	26.81	7.84	5.45	1.59	0.55	0.16	1.22	0.36	0.10	0.03	--	--

GEN-N-11 / North Emergency Generator #11 (10% load)	0.35	0.01	13.89	0.45	3.38	0.11	0.04	<0.01	0.16	0.01	0.02	<0.01	--	--
GEN-N-12 through GEN-N-20 / North Emergency Generators #12 - #20 (75% load)	0.31	0.09	26.81	7.84	5.45	1.59	0.55	0.16	1.22	0.36	0.10	0.03	--	--
GEN-N-21 through GEN-N-24 / North Emergency Generators #21 - #24 (50% load)	0.26	0.04	15.29	2.00	3.69	0.48	0.51	0.07	0.81	0.10	0.07	0.01	--	--
GEN-N-25 through GEN-N-33 / North Emergency Generators #25 - #33 (75% load)	0.31	0.09	26.81	7.84	5.45	1.59	0.55	0.16	1.22	0.36	0.10	0.03	--	--
GEN-N-34 / North Emergency Generator #34 (10% load)	0.35	0.01	13.89	0.45	3.38	0.11	0.04	<0.01	0.16	0.01	0.02	<0.01	--	--
GEN-N-35 through GEN-N-43 / North Emergency Generators #35 - #43 (75% load)	0.31	0.09	26.81	7.84	5.45	1.59	0.55	0.16	1.22	0.36	0.10	0.03	--	--
GEN-N-44 / North Emergency Generator #44 (50% load)	0.26	0.01	15.29	0.50	3.69	0.12	0.51	0.02	0.81	0.03	0.07	<0.01	--	--
GEN-C-01 through GEN-C-31 / Chiller Emergency Generators #1 - #31 (75% load)	0.31	0.31	26.81	26.97	5.45	5.50	0.55	0.56	1.22	1.24	0.10	0.09	--	--
GEN-C-32 / Chiller Emergency Generator #32 (50% load)	0.26	0.01	15.29	0.50	3.69	0.12	0.51	0.02	0.81	0.03	0.07	<0.01	--	--
TOTAL EMISSIONS (TPY):		1.20		98.68		20.30		2.08		4.48		0.35		
MAXIMUM OPERATING SCHEDULE:	Hours/Day			Days/Week				Weeks/Year				Hours/Year		*

*Notes: The generators were calculated at 65 hours per year, per engine; however, Galaxy Helios is certifying that the combined operation of all 121 generators will not exceed 7,865 hours per year. Additionally, the estimated loads were rounded up for conservatism. Also, the hourly emission rates for EPN groups are per engine, but the tons per year emissions are the combined totals for each group. The Total Emissions (TPY) are total annual emissions for all engines. Formaldehyde is included in HAPs.

- 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
- SO₂ - sulfur dioxide
- HAPs - hazardous air pollutants

Date: May 21, 2025