PERMIT AMENDMENT NO. 7374-121-0977-S-01-1
ISSUANCE DATE:

GEORGIA
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Air Quality – Permit Amendment

In accordance with The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Rules, Chapter 391-3-1, adopted pursuant to or in effect under that Act, Permit No. 7374-121-0977-S-01-0 issued on September 26, 2024 to:

Facility Name:	**Edgeconnex ATL11**
Facility Address:	**4850 Stonewall Tel Road** **Union City, Georgia 30349, Fulton County**
Mailing Address:	**10400 Rodgers Road** **Houston, Texas 77070**
Facility AIRS Number:	**04-13-121-00977**

for the following: Construction and operation of a data center consisting of 126 identical 3,000 kW emergency generators. This Permit is issued for the purpose of establishing practically enforceable emission limitations such that the facility will not be considered a major source with respect to Title V of the Clean Air Act Amendments of 1990

is hereby amended as follows: the installation and operation of eight additional 1,750 kW back-of-house (BOH) emergency generators for a total of 10 BOH emergency generators, the tier emission reclassification of 42 emergency generators from the 126 previously permitted emergency generators, and update of the Title V avoidance limits due to the new and updated emergency generators.

Reason for Amendment: 29820, dated July 24, 2025

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **5** page(s).

This Permit Amendment is hereby made a part of Permit No. 7374-121-0977-S-01-0 and compliance herewith is hereby ordered. Except as amended hereby, the above referenced Permit remains in full force and effect.

STATE OF GEORGIA
CONSTITUTION
WISDOM JUSTICE MODERATION
1776

Jeffrey W. Cown

Jeffrey W. Cown, Director
Environmental Protection Division

MODIFIED CONDITIONS

2. Allowable Emissions

2.1 The Permittee shall not operate **each Source Group of emergency generators (Source Codes: EG001 through EG136) in excess of the hours specified in Table 2.1** per 12 consecutive months**:**
[Avoidance of 40 CFR Part 70]

Table 2.1: Maximum hours of operation, per Source Group.

Source Group	Source Codes	Maximum hours of operation, per Source Group
Group 1	**EG001 – EG042 & EG085 – EG126**	**5,364**
Group 2	**EG043 – EG084**	**2,682**
Group 3	**EG127 – EG128 & EG133 – EG136**	**522**
Group 4	**EG129 – EG132**	**348**

2.2 The Permittee shall comply with all applicable provisions of the New Source Performance Standards, as found in 40 CFR 60 Subpart A – "General Provisions" and 40 CFR 60 Subpart IIII – "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines" for the operation of the emergency generators (Source Codes: EG001 through **EG136**).
[40 CFR 60 Subpart A and 40 CFR 60 Subpart IIII]

2.3 The Permittee shall not discharge or cause the discharge into the atmosphere from the diesel-fired emergency generators (Source Codes: EG001 through **EG136**) any emissions of non-methane hydrocarbons and nitrogen oxides (NMHC+NO_X), hydrocarbons (HC), nitrogen oxides (NO_X) , carbon monoxide (CO), and particulate matter (PM) in an amount exceeding the emissions standards specified in 40 CFR 60.42.05(b), as indicated in Table 2.3-1:
[40 CFR 60.4205(b), 40 CFR 60.4202(b)(2), and 40 CFR 1039, Appendix I(b)]

Table 2.3-1: NSPS 40 CFR Part 60. Subpart IIII Emission Standards For all Stationary 2007 and later Model Year Diesel Engines with a Displacement of Less Than 10 Liters Per Cylinder And Maximum Engine Power Of Larger Than 560 kW, with emission limits in terms of g/kW-hr (lb/HP-hr)

Pollutant	NO_x + NMHC	CO	PM
Emission Limit	6.4 (0.0105)	3.5 (0.00575)	0.20 ($3.29x10^{-4}$)

2.4 The Permittee shall not discharge or cause the discharge into the atmosphere from the emergency generators (Source Codes: EG001 through **EG136**) any visible emissions the opacity of which is in excess of the following:
[40 CFR 60.4205(b), 40 CFR 60.4202(b), and 40 CFR 1039.105(b)]

a. 20 percent during the acceleration mode,

b. 15 percent during the lugging mode,

c. 50 percent during the peaks in either the acceleration or lugging modes.

2.5 The Permittee shall only fire diesel fuel with a maximum sulfur content of 15 ppm and either a minimum cetane index of 40 or a maximin aromatic content of 35 volume percent in the emergency generators (Source Codes: EG001 through **EG136**).
[40 CFR 60.4207(b), 40 CFR 1090.305, and 391-3-1-.02(2)(g) (subsumed)]

2.6 The Permittee shall operate the emergency generators (Source Codes: EG001 through **EG136**) according to the requirements specified below. Any operation other than emergency operation, maintenance check and readiness testing, as described below, is prohibited:
[40 CFR 60.4211(f)]

2.7 The Permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants (NESHAP), as found in 40 CFR 63 Subpart A – "General Provisions" and 40 CFR 63 Subpart ZZZZ – "National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Engines" for the operation of the emergency generators (Source Codes: EG001 through **EG136**).
[40 CFR 63 Subpart A and 40 CFR 63 Subpart ZZZZ]

2.8 The Permittee shall not discharge or cause the discharge into the atmosphere from the emergency generators (Source Codes: EG001 through **EG136**) any gases which exhibit an opacity equal to or greater than 40 percent.
[391-3-1-.02(2)(b)]

2.9 The Permittee shall limit the operation of the emergency generators (Source Codes: EG001 through **EG136**) to the following criteria:
[391-3-1-.02(2)(mmm)8]

a. Operate only for routine testing and maintenance, when electric power from the local utility is not available, or during internal system failures;

b. Total annual operation for the emergency generator is less than 500 hours per year,

c. Operation for routine testing and maintenance during the months of May through September occurs only between 10 p.m. to 4 a.m. Operation for routine testing and maintenance during the months of January through April and October through December may be done during any time of the day, and

d. The facility maintains records of all operation, including the reason for the operation.

For each emergency generator that cannot meet the definition of "Emergency standby stationary engine" found in Georgia Rule 391-3-1-.02(2)(mmm)8 for data centers, the Permittee shall not discharge, or cause the discharge, into the atmosphere, from each engine, any gases which contain nitrogen oxides (NO_X) in excess of 80 ppm at 15% oxygen, dry basis, during the ozone season. For purposes of this permit, the ozone season is defined as the time period beginning May 1 and ending September 30.

2.10 Fuel oil fired in the emergency generators (Source Codes: EG001 through **EG136**) shall be diesel fuel oil. Distillate fuel oil means fuel oil that complies with the specification for fuel oil number 1 or 2 as defined by the American Society or Testing and Materials (ASTM) standard ASTM D396, "Standard Specifications for Fuel Oils."
[391-3-1-.03(2)(c)]

MODIFIED CONDITION

4. Process & Control Equipment

4.1 The Permittee shall operate and maintain the emergency generators (Source Codes: EG001 through **EG136**) according to the manufacturer's emission-related written specifications/instructions or procedures developed by the Permittee that are approved by the engine manufacturer, over the entire life of the engine. In addition, the Permittee shall only change those emission-related settings that are permitted by the manufacturer.
[40 CFR 60.4211(a)]

MODIFIED CONDITION

5. Monitoring

5.1 The Permittee shall install, calibrate, maintain, and operate monitoring devices for the measurement of the indicated parameters on the following equipment. Data shall be recorded at the frequency specified below. Where such performance specification(s) exist, each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. A non-resettable hour meter to measure and record the number of hours operated for the emergency generators (Source Codes: EG001 through **EG136**), recorded monthly.
[40 CFR 60.4209(a)]

MODIFIED CONDITION

7. Notification, Reporting and Record Keeping Requirements

7.2 The Permittee shall keep records of the operation of the emergency generators (Source Codes: EG001 through **EG136**) in emergency and non-emergency service that are recorded through the non-resettable hour meter required in Condition 5.1. The Permittee shall record the time of operation of the emergency generator and the reason the emergency generator was in operation during that time. Records shall be maintained for a period of five (5) years in a format suitable for inspection by or submission to the Division.
[40 CFR 60.4214(b)]

NEW CONDITION

7.3 The Permittee shall use the records required in Condition 7.2 to calculate the following for the emergency generators (Source Codes: EG001 through EG136):
[Avoidance of 40 CFR Part 70]

a. The monthly total hours of operation of all emergency generators in each Source Group.

b. The twelve-month rolling total hours of operation of each Source Group.

All the calculations shall be kept as part of the records required in Condition 7.2. The Permittee shall notify the Division in writing within 15 days if the twelve-month rolling total hours of operation of any Source Group exceed the limit specified in Condition 2.1. This notification shall include an explanation of how the Permittee intends to comply with Condition 2.1.

MODIFIED CONDITIONS

7.4 The Permittee shall use monthly non-emergency service operating time records required by Condition 7.2 to calculate monthly the **calendar year** total of the non-emergency service operating time for the emergency generators (Source Codes: EG001 through **EG136**) for each **calendar year**. All the calculations shall be kept as part of the records required in Condition 7.2. The Permittee shall notify the Division in writing within 15 days if the **calendar year** total of non-emergency service operating time for any generator equals or exceeds 100 hours. This notification shall include an explanation of how the Permittee intends to comply with Condition 2.6.
[40 CFR 60.4211(f)(3)]

7.5 The Permittee shall maintain a copy of the manufacturer's written operating and maintenance instructions or operating and maintenance procedures developed by the Permittee that are approved by the engine manufacturer for the emergency generators (Source Codes: EG001 through **EG136**). These records shall be maintained in a format suitable for inspection or submittal.
[40 CFR 60.4211(a)]

7.6 The Permittee shall demonstrate compliance with emission standards specified in 40 CFR 60, Subpart IIII for the emergency generators (Source Codes: EG001 through **EG136**) by purchasing an engine certified to the emission standards in 40 CFR 60.4205(b) for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer’s emission-related specifications. These records shall be maintained in a format suitable for inspection or submittal.
[40 CFR 60.4211(c)]

7.7 The Permittee shall submit an annual report with the requirements specified in 40 CFR 60.4214(d) if the emergency generators (Source Codes: EG001 through **EG136**) are operated for the purpose specified in 40 CFR 60.4211(f)(3)(i).
[40 CFR 60.4214(d)]

7.8 The Permittee shall keep records verifying that each shipment of diesel fuel received for firing in the emergency generators (Source Codes: EG001 through **EG136**) complies with the applicable requirements in Condition 2.10. Verification shall consist of either the fuel oil receipts and/or fuel supplier certifications or results of analyses of the fuel oils conducted by method of sampling and analysis which have been approved by the EPA or the Division.

NEW CONDITION

7.9 The Permittee shall label each emergency generator (Source Codes: EG001 through EG136) with its Source Code.
[391-3-1-.02(6)(b)1]