State of Utah

SPENCER J. COX
Governor

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Lieutenant Governor

Department of
Environmental Quality

Tim Davis
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-AN161210005-26

January 22, 2026

Laura Pritchard
NYDIG DFM LLC
1 Vanderbilt Avenue, Floor 65
New York, NY 10017
laura.pritchard@nydig.com

Dear Ms. Pritchard:

Re: Approval Order: Removal of Permitted Equipment in Approval Order DAQE-AN161210003-24
Under UAC Rule R307-401-12
Project Number: N161210005

The attached Approval Order (AO) is issued pursuant to the Notice of Intent (NOI) received on December 3, 2025. NYDIG DFM LLC must comply with the requirements of this AO, all applicable state requirements (R307), and Federal Standards.

The project engineer for this action is **Christine Bodell**, who can be contacted at (385) 290-2690 or cbodell@utah.gov. Future correspondence on this AO should include the engineer's name as well as the DAQE number shown on the upper right-hand corner of this letter. No public comments were received on this action.

Sincerely,

Bryce C. Bird
Director

BCB:CB:jg

STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

APPROVAL ORDER
DAQE-AN161210005-26
Removal of Permitted Equipment in Approval Order DAQE-AN161210003-24 Under UAC Rule R307-401-12

Prepared By
Christine Bodell, Engineer
(385) 290-2690
cbodell@utah.gov

Issued to
NYDIG DFM LLC - Duchesne Data Center Power Station

Issued On
January 22, 2026

Issued By



Bryce C. Bird
Director
Division of Air Quality

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name
NYDIG DFM LLC

Source Name
NYDIG DFM LLC - Duchesne Data Center Power Station

Mailing Address
1 Vanderbilt Avenue, Floor 65
New York, NY 10017

Physical Address
1 Mile North East of Upalco
Duchesne County, UT

Source Contact
Name: Laura Pritchard
Phone: (970) 749-8615
Email: laura.pritchard@nydig.com

UTM Coordinates
567,859 m Easting
4,460,140 m Northing
Datum NAD83
UTM Zone 12

SIC code 7376 (Computer Facilities Management Services)

SOURCE INFORMATION

General Description
NYDIG DFM LLC (NYDIG), owns and operates a data center power station in Duchesne County. The data center power station contains two (2) compressor engines, eight (8) generator engines, and one (1) turbine; all the equipment is fueled by gas that would otherwise be flared. The gas comes from the adjacent XCL Facility to the north and other nearby locations. The generators and turbine use the gas as fuel to generate electricity for small data centers that are also located onsite.

NSR Classification
Administrative Amendment

Source Classification
Located in Uinta Basin O3 NAA
Duchesne County
Airs Source Size: SM

Applicable Federal Standards
NSPS (Part 60), A: General Provisions
NSPS (Part 60), JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
NSPS (Part 60), KKKK: Standards of Performance for Stationary Combustion Turbines
MACT (Part 63), A: General Provisions
MACT (Part 63), ZZZZ: National Emissions Standards for Hazardous Air Pollutants for

Stationary Reciprocating Internal Combustion Engines
Title V (Part 70) Area Source

Project Description
NYDIG has requested to administratively amend AO DAQE-AN161210003-24, dated September 18, 2024, for the following:

- Remove two (2) natural gas-fired, 2,500 horsepower (hp) generator engines (Equipment ID# II.A.3).
- Remove two (2) diesel-fired 2,944 hp (2,000 kilowatt (kW)) emergency diesel generators (Equipment ID# II.A.4).

The equipment list, requirements and limitations, and potential-to-emit (PTE) will be updated to reflect the requested changes. This project meets the requirements of UAC R307-401-12 Reduction in Air Pollutants and does not require a public comment period.

As a result of this administrative amendment to the AO, the source will become a minor source with respect to the major source requirements of Title V of the Clean Air Act; the Title V Operating Permit may be rescinded after issuance of this AO.

SUMMARY OF EMISSIONS

The emissions listed below are an estimate of the total potential emissions from the source. Some rounding of emissions is possible.

Criteria Pollutant	Change (TPY)	Total (TPY)
CO_2 Equivalent	-21839	160863.00
Carbon Monoxide	-14.48	96.54
Nitrogen Oxides	-7.23	88.88
Particulate Matter - PM_{10}	-0.48	6.65
Particulate Matter - $PM_{2.5}$	-0.48	6.65
Sulfur Dioxide	-0.58	4.29
Volatile Organic Compounds	-1.45	26.34

Hazardous Air Pollutant	Change (lbs/yr)	Total (lbs/yr)
Acetaldehyde (CAS #75070)	-780	3460
Acrolein (CAS #107028)	-720	3240
Benzene (Including Benzene From Gasoline) (CAS #71432)	-140	1940
Ethyl Benzene (CAS #100414)	0	60
Formaldehyde (CAS #50000)	-100	1240
Generic HAPs (CAS #GHAPS)	-860	1440
Methanol (CAS #67561)	-860	3740
Toluene (CAS #108883)	-80	840
Xylenes (Isomers And Mixture) (CAS #1330207)	-20	320
	Change (TPY)	**Total (TPY)**
Total HAPs	-1.78	8.14

SECTION I: GENERAL PROVISIONS

I.1	All definitions, terms, abbreviations, and references used in this AO conform to those used in the UAC R307 and 40 CFR. Unless noted otherwise, references cited in these AO conditions refer to those rules. [R307-101]
I.2	The limits set forth in this AO shall not be exceeded without prior approval. [R307-401]
I.3	Modifications to the equipment or processes approved by this AO that could affect the emissions covered by this AO must be reviewed and approved. [R307-401-1]
I.4	All records referenced in this AO or in other applicable rules, which are required to be kept by the owner/operator, shall be made available to the Director or Director's representative upon request, and the records shall include the two-year period prior to the date of the request. Unless otherwise specified in this AO or in other applicable state and federal rules, records shall be kept for a minimum of two (2) years. [R307-401-8]
I.5	At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any equipment approved under this AO, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Director which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. All maintenance performed on equipment authorized by this AO shall be recorded. [R307-401-4]
I.6	The owner/operator shall comply with UAC R307-107. General Requirements: Breakdowns. [R307-107]
I.7	The owner/operator shall comply with UAC R307-150 Series. Emission Inventories. [R307-150]

SECTION II: PERMITTED EQUIPMENT

II.A THE APPROVED EQUIPMENT

II.A.1	**Duchesne Data Center Power Station**
II.A.2	**Two (2) Compressor Engines** Rating: 530 HP, each Fuel: Natural Gas Control: Non-selective catalytic reduction NSPS/MACT Applicability: 40 CFR 60 Subpart JJJJ, 40 CFR 63 Subpart ZZZZ
II.A.3	**Eight (8) Generator Engines** Rating: 2,500 HP, each Fuel: Natural Gas Control: Non-selective catalytic reduction NSPS/MACT Applicability: 40 CFR 60 Subpart JJJJ, 40 CFR 63 Subpart ZZZZ

II.A.4	**One (1) Turbine** Rating: 13,364 kW (133.1 MMBtu/hr) Fuel: Natural Gas Control: SoLoNO_x (low NO_x burners) NSPS Applicability: 40 CFR 60 Subpart KKKK

SECTION II: SPECIAL PROVISIONS

II.B REQUIREMENTS AND LIMITATIONS

II.B.1	**Site wide Requirements**
II.B.1.a	The owner/operator shall not allow visible emissions from the natural gas-fired engines and turbine to exceed 10% opacity. [R307-401-8]
II.B.1.a.1	Opacity observations of emissions from stationary sources shall be conducted in accordance with 40 CFR 60, Method 9. [R307-401-8]
II.B.1.b	The owner/operator shall use only natural gas as fuel for the 13,364 kW turbine, the 530 HP engines, and the 2,500 HP engines. [R307-401-8]
II.B.1.c	The owner/operator shall equip all natural gas-fired engines with a non-selective catalytic reduction device to control emissions. [R307-401-8]
II.B.1.d	The owner/operator shall comply with the SO_2 standards of 40 CFR §60.4330 using any method allowed under §60.4360 or §60.4365. The owner/operator may transition between allowed compliance methods provided the new method is fully implemented according to the requirements of NSPS Subpart KKKK and appropriate records are maintained to demonstrate compliance at all times. [40 CFR 60 Subpart KKKK]
II.B.2	**Stack Test Conditions**
II.B.2.a	The owner/operator shall not emit more than the following rates and concentrations from each of the indicated sources: **Source** — **Pollutant** — **(g/bhp-hr)** — **(lb/hr)** 530 HP Compressor Engines — NO_x — 0.15 — 0.18 CO — 0.3 — 0.35 VOC — 0.02 — 0.02 2,500 HP Generator Engines — NO_x — 0.15 — 0.83 CO — 0.3 — 1.65 VOC — 0.03 — 0.17 13,634 kW Turbine — NO_x — 0.33 — 13.33 CO — 0.20 — 8.11 VOC — 0.12 — 4.65 [R307-401-8]
II.B.2.a.1	**Compliance Demonstration** To demonstrate compliance with the emission limitations above, the owner/operator shall perform stack testing on the emissions unit according to the stack testing conditions contained in this AO. [R307-165-2, R307-401-8]

II.B.2.a.2	**Initial Test** The owner/operator shall conduct an initial stack test on the emission unit within 180 days after startup of the emission unit. [R307-165-2]
II.B.2.a.3	**Test Frequency** To demonstrate compliance with the NO_x limits, the owner/operator shall conduct stack testing to verify the NO_x emissions. The owner/operator shall conduct a stack test on each emission unit within one (1) year after the date of the most recent stack test of each emission unit. Upon demonstration through at least three (3) annual tests that the NO_x limits are not being exceeded, the owner/operator may request approval to conduct stack testing less frequently than annually. To demonstrate compliance with the CO and VOC limits, the owner/operator shall conduct a stack test on each emission unit within three (3) years after the date of the most recent stack test of the emission unit. The Director may require the owner/operator to perform a stack test at any time. [R307-401-8]
II.B.2.b	**The owner/operator shall conduct any stack testing required by this AO according to the following conditions.** [R307-401-8]
II.B.2.b.1	**Notification** At least 30 days prior to conducting a stack test, the owner/operator shall submit a source test protocol to the Director. The source test protocol shall include the items contained in R307-165-3. If directed by the Director, the owner/operator shall attend a pretest conference. [R307-165-3, R307-401-8]
II.B.2.b.2	**Testing & Test Conditions** The owner/operator shall conduct testing according to the approved source test protocol and according to the test conditions contained in R307-165-4. [R307-165-4, R307-401-8]
II.B.2.b.3	**Access** The owner/operator shall provide Occupational Safety and Health Administration (OSHA)- or Mine Safety and Health Administration (MSHA)-approved access to the test location. [R307-401-8]
II.B.2.b.4	**Reporting** No later than 60 days after completing a stack test, the owner/operator shall submit a written report of the results from the stack testing to the Director. The report shall include validated results and supporting information. [R307-165-5, R307-401-8]
II.B.2.c	**Test Methods** When performing stack testing, the owner/operator shall use the appropriate EPA-approved test methods as acceptable to the Director. Acceptable test methods for pollutants are listed below. [R307-401-8]
II.B.2.c.1	**Standard Conditions** A. Temperature - 68°F (293 K) B. Pressure - 29.92 in Hg (101.3 kPa) C. Averaging Time - As specified in the applicable test method [40 CFR 60 Subpart A, 40 CFR 63 Subpart A, R307-401-8]

II.B.2.c.2	**NO_x** 40 CFR 60, Appendix A, Method 7; Method 7E; or other EPA-approved testing method as acceptable to the Director. [R307-401-8]
II.B.2.c.3	**VOC** 40 CFR 60, Appendix A, Method 18; Method 25; Method 25A; 40 CFR 63, Appendix A, Method 320; or other EPA-approved testing method as acceptable to the Director. [R307-401-8]
II.B.2.c.4	**CO** 40 CFR 60, Appendix A, Method 10 or other EPA-approved testing method as acceptable to the Director. [R307-401-8]

PERMIT HISTORY

This Approval Order shall supersede (if a modification) or will be based on the following documents:

Supersedes	AO DAQE-AN161210003-24 dated September 18, 2024
Is Derived From	NOI dated December 3, 2025

ACRONYMS

The following lists commonly used acronyms and associated translations as they apply to this document:

40 CFR	Title 40 of the Code of Federal Regulations
AO	Approval Order
BACT	Best Available Control Technology
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CDS	Classification Data System (used by Environmental Protection Agency to classify sources by size/type)
CEM	Continuous emissions monitor
CEMS	Continuous emissions monitoring system
CFR	Code of Federal Regulations
CMS	Continuous monitoring system
CO	Carbon monoxide
CO_2	Carbon Dioxide
CO_2e	Carbon Dioxide Equivalent - Title 40 of the Code of Federal Regulations Part 98, Subpart A, Table A-1
COM	Continuous opacity monitor
DAQ/UDAQ	Division of Air Quality
DAQE	This is a document tracking code for internal Division of Air Quality use
EPA	Environmental Protection Agency
FDCP	Fugitive dust control plan
GHG	Greenhouse Gas(es) - Title 40 of the Code of Federal Regulations 52.21 (b)(49)(i)
GWP	Global Warming Potential - Title 40 of the Code of Federal Regulations Part 86.1818-12(a)
HAP or HAPs	Hazardous air pollutant(s)
ITA	Intent to Approve
LB/YR	Pounds per year
MACT	Maximum Achievable Control Technology
MMBTU	Million British Thermal Units
NAA	Nonattainment Area
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standards for Hazardous Air Pollutants
NOI	Notice of Intent
NO_x	Oxides of nitrogen
NSPS	New Source Performance Standard
NSR	New Source Review
PM_{10}	Particulate matter less than 10 microns in size
$PM_{2.5}$	Particulate matter less than 2.5 microns in size
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
R307	Rules Series 307
R307-401	Rules Series 307 - Section 401
SO_2	Sulfur dioxide
Title IV	Title IV of the Clean Air Act
Title V	Title V of the Clean Air Act
TPY	Tons per year
UAC	Utah Administrative Code
VOC	Volatile organic compounds