



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL CERTIFIED MAIL
HAMILTON COUNTY**

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 14-04984

DATE: 10/19/2000

General Electric Energy Rentals Inc
James Barbour
955 Redna Terrace
Cincinnati, OH 45215

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

HCDES



Permit To Install

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

FINAL PERMIT TO INSTALL 14-04984

Application Number: 14-04984
APS Premise Number: 1431484071
Permit Fee: **\$4800**
Name of Facility: General Electric Energy Rentals Inc
Person to Contact: James Barbour
Address: 955 Redna Terrace
Cincinnati, OH 45215

Location of proposed air contaminant source(s) [emissions unit(s)]:
955 Redna Terrace
Cincinnati, Ohio

Description of proposed emissions unit(s):
24 portable diesel fired generators.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized

representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio

General Electric Energy Rentals Inc
PTI Application: 14-04984
Issued: 10/19/2000

Facility ID: 1431484071

Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities prove to be inadequate or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
NOx	313.2
CO	10.8
SO2	30.48
PM/PM10	4.08
OC	2.88

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
X001- 24 Portable Diesel Fired Generators (See Table in Section F.3.)	For each emissions unit: OAC rule 3745-31-05(A)(3) OAC rule 3745-17-07(A)(1) OAC rule 3745-17-11(B)(5)(a)	For each emissions unit: See Table in Section F.3. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1) Visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a The hourly and annual emission limitations outlined are based upon the emissions unit's Potential to Emit (PTE). Therefore, no records are required to demonstrate compliance with these limits.
- 2.b Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emission limitations and the visible particulate emission limitation.

Emissions Unit ID: **X001**

- 2.c** Before leasing, relocating and operating any emissions unit identified in this permit:
- i. the permittee must first obtain a permit to install (PTI) [which is interpreted to be the permit to operate (PTO) for one year] per the requirements of OAC rules 3745-31-03(A)(1) and 3745-31-05(F);
 - ii. after the effective date of the PTI and thirty days or more before the lease, relocation and operation of the emissions unit, the permittee must send an initial letter (as identified in the Director's letter dated July 11, 2000) to the Director indicating its intent to temporarily relocate these emissions units to sites throughout the state upon the request of lessees of the emissions units; and
 - iii. the permittee shall notify the Ohio EPA District Office or local air agency with jurisdiction over the future temporary relocation site at least 72 hours before any non-emergency relocation of any emissions unit identified in this permit.
- 2.d** Emissions unit X001 represents 24 separate generators, emissions units P005 through P028, as represented in Table F.3. The terms and conditions in this permit apply to each individual emissions unit (i.e., each individual generator).

B. Operational Restrictions

1. The temporary relocation of any emissions unit to any one location may not exceed one year.
2. In accordance with 40 CFR 89.110, a permanent and legible label identifying the non-road engine must be affixed to each emissions unit. Each label must contain the following information:
 - a. the heading "Important Engine Information";
 - b. the full corporate name and trademark of the manufacturer;
 - c. EPA standardized engine family designation;
 - d. engine displacement;
 - e. advertised power; and
 - f. engine tuneup specifications.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the operating hours for each emissions unit identified in this permit.
2. The permittee shall maintain records of the dates and places in which each emissions unit identified in this permit is relocated.

D. Reporting Requirements

1. The permittee shall notify the Ohio EPA District Office or local air agency with jurisdiction over a relocation site at least 72 hours before any non-emergency relocation of an emissions unit identified in this permit. Such notice shall consist of a written or facsimile communication which contains the following information:
 - a. The expected dates of operation;
 - b. The name and address of the company operating the generator;
 - c. The name and phone number of the contact person for the company operating the generator;
 - d. A description of the generator being relocated, including engine family and model number;
 - e. The signature of the owner of the generator and their telephone number;
 - f. A copy of the pre-notification of intention to relocate letter required under section A.2.c.ii.; and
 - g. A copy of the certificate of conformity for the emissions unit as required by 40 CFR 89.105.
2. The permittee shall submit excursion (deviation) reports for any relocation of any emissions unit identified in this permit to any one location which is over the one year time limit.
3. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the visible particulate limitation shall be demonstrated by the methods outlined in 40 CFR Part 60, Appendix A, Method 9.
2. Compliance with the emission limitations in this permit shall be determined in accordance with the emission factors provided by the manufacturer as well as the emission factors from AP-42 Table 3.3-1(10/96).

F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Source

Pursuant to OAC rule 3745-31-03(A)(1)(p)(i) and 3745-31-05 (F) and (G), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a

PTI providing the following criteria are met:

- a. The portable emissions unit is equipped with the best available control technology for such portable emissions unit.
 - b. The portable emissions unit is operating pursuant to a currently effective PTO (the PTI is interpreted to be the PTO for one year after issuance of the permit to install).
 - c. The applicant has provided proper notice of intent to relocate the portable emissions unit to the Department of Environmental Services and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation. (See term A.2.c.)
 - d. In the Department of Environmental Services and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code in accordance with the Director's letter dated July 11, 2000. It has been determined that any site within the State of Ohio is acceptable for relocation of the emissions units (portable sources) identified in this permit. Such sources have small emissions, and will not cause a nuisance at any site within the State to which they might be relocated. The permittee has demonstrated that such sources are equipped with best available control technology, and has provided proper notice of its intent to relocate these sources.
2. The emissions units identified in this permit are non-road engines as defined in 40 CFR 89.2. Per OAC rule 3745-31-01(BB) and OAC rule 3745-31-01(RRR) these emissions units are not a facility and/or stationary source since they are non-road engines. Since they are not a facility and/or stationary source, these emissions units are exempt from the Prevention of Significant Deterioration Regulations.
 3. The permittee shall update the following table on an annual basis and shall notify the Director (the appropriate Ohio EPA District Office or local air agency) of any additions or withdrawals of these generators. If a new generator is to be installed, the permittee must submit a completed Permit to Install application to the Director (the appropriate Ohio EPA District Office or local air agency) for issuance before installation of the new generator can begin. This table shall be updated by January 31 of each year.

Gener**PTI A****Issued: 10/19/2000**Emissions Unit ID: **X001**

Ohio EPA #	Unit Description	Model	lbs/hr NOx	TPY NOx	lbs/hr CO	TPY CO	lbs/hr SO2	TPY SO2	lb/M MBtu PM/PM10	TPY PM/PM10	lbs/hr OC	TPY OC
P005	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P006	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P007	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P008	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P009	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P010	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P011	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P012	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P013	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12

General Electric Energy Rentals Inc

Facility ID: 1431484071

PTI Application: 14-04084

Issued

Emissions Unit ID: X001

Ohio EPA #	Unit Description	Model	lbs/hr NOx	TPY NOx	lbs/hr CO	TPY CO	lbs/hr SO2	TPY SO2	lb/M MBtu PM/PM10	TPY PM/PM10	lbs/hr OC	TPY OC
P014	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P015	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P016	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P017	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P018	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P019	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P020	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P021	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P022	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P023	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12

Gener**PTI A****Issued: 10/19/2000**Emissions Unit ID: **X001**

P024	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
Ohio EPA #	Unit Description	Model	lbs/hr NOx	TPY NOx	lbs/hr CO	TPY CO	lbs/hr SO2	TPY SO2	lb/M MBtu PM/ PM10	TPY PM/ PM10	lbs/hr OC	TPY OC
P025	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P026	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P027	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12
P028	150 bhp (1.01 MMBtu/hr) Portable Diesel Fired Generator	John Deere 6068TF250	2.98	13.05	0.10	0.45	0.29	1.27	0.039	0.17	0.03	0.12

NEW SOURCE REVIEW FORM B

PTI Number: 14-04984

Facility ID: 1431484071

FACILITY NAME General Electric Energy Rentals Inc

FACILITY DESCRIPTION 24 portable diesel fired generators. CITY/TWP Cincinnati

SIC CODE 7359 SCC CODE 2-02-001-02 EMISSIONS UNIT ID X001

EMISSIONS UNIT DESCRIPTION 24 Portable Diesel Fired Generators

DATE INSTALLED 9/15/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment	See calculations	4.08	See calculations	4.08
PM ₁₀	Attainment	See calculations	4.08	See calculations	4.08
Sulfur Dioxide	Attainment	See calculations	30.48	See calculations	30.48
Organic Compounds	Attainment	See calculations	2.88	See calculations	2.88
Nitrogen Oxides	Attainment	See calculations	313.2	See calculations	313.2
Carbon Monoxide	Attainment	See calculations	10.8	See calculations	10.8
Lead	Attainment	See calculations		See calculations	
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? No

NESHAP? No

PSD? No

OFFSET POLICY? No

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

BAT has been determined to be compliance with the emission limitations and visible particulate emissions limitation.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES X NO

IDENTIFY THE AIR CONTAMINANTS: _____

NEW SOURCE REVIEW FORM B

PTI Number: 14-04984

Facility ID: 1431484071

FACILITY NAME General Electric Energy Rentals Inc

FACILITY DESCRIPTION 24 portable diesel fired generators. CITY/TWP Cincinnati

Ohio EPA Permit to Install Information Form Please describe below any documentation which is being submitted with this recommendation (must be sent the same day). Electronic items should be submitted with the e-mail transmitting the PTI terms, and in software that CO can utilize. If mailing any hard copy, this section must be printed as a cover page. All items must be clearly labeled indicating the PTI name and number. Submit **hard copy items to Pam McGraner**, AQM&P, DAPC, Central Office, and electronic files to airpti@epa.state.oh.us

Please fill out the following. If the checkbox does not work, replace it with an 'X'

	<u>Electronic</u>	<u>Additional information File Name Convention (your PTI # plus this letter)</u>	<u>Hard Copy</u>	<u>None</u>
<u>Calculations (required)</u>	<input type="checkbox"/>	0000000c.wpd	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Modeling form/results</u>	<input type="checkbox"/>	0000000s.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>PTI Application (complete or partial)*</u>	<input type="checkbox"/>	0000000a.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>BAT Study</u>	<input type="checkbox"/>	0000000b.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>Other/misc.</u>	<input type="checkbox"/>	0000000t.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Mandatory for netting, PSD, nonattainment NSR, 112(g), 21-07(G)(9)(g) and 21-09(U)(2)(f) - 2 complete copies.

Please complete (see comment bubble to the left for additional instructions):

NSR Discussion

PTI 14-04984

General Electric Energy Rentals Inc.
955 Redna Terrace
Cincinnati, OH 45215

Facility ID: 1431484071

This PTI is for 24 portable diesel-fired generators. General Electric Energy Rentals Inc. will use these generators for customer sites throughout the state. All 24 generators are small in size and are John Deere models with a rating of 150 bhp (1.01 MMBtu/hr); Model #6068TF250.

The applicable rules are OAC rules 3745-31-05(A)(3), 3745-17-07(A)(1) and 3745-17-11(B)(5)(a). The facility has provided emission factors from the manufacturer for PM, NO_x, CO and OC emissions. Since no SO₂ emission factors were specified by the manufacturers, AP-42 Table 3.3-1 emission factors were used to determine SO₂ emissions. Both the hourly and annual emissions limitations are based on the potential to emit for each generator. Monthly records of the hours of operation will be required in order to help the facility in determining actual annual emissions for fee purposes. The potential emissions from all 24 generators combined are: 313.2 TPY NO_x, 10.8 TPY CO, 30.48 TPY SO₂, 4.08 TPY PM-PM₁₀ and 2.88 TPY OC. Air modeling is not required.

BAT has been determined to be compliance with the emission limitations and visible particulate emissions limitation. A final PTI should be issued for these emissions units.

Permit Fee: X001: PWR 0-1000 lbs/hr = \$200 x 24 units = **\$4800**

NEW SOURCE REVIEW FORM B

PTI Number: 14-04984

Facility ID: 1431484071

FACILITY NAME General Electric Energy Rentals Inc

FACILITY DESCRIPTION 24 portable diesel fired generators. CITY/TWP Cincinnati

Prepared by : Kari Ball

Date: August 18, 2000

Please complete for these type permits ([For PSD/NSR Permit, place mouse over this text](#)):

Synthetic Minor Determination and/or **Netting Determination**
 Permit To Install **ENTER PTI NUMBER HERE**

- A. [Source Description](#)
- B. [Facility Emissions and Attainment Status](#)
- C. [Source Emissions](#)
- D. [Conclusion](#)

PLEASE PROVIDE ADDITIONAL NOTES OR COMMENTS AS NECESSARY:

NONE

Please complete:

SUMMARY (for informational purposes only)
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
NOx	313.2
CO	10.8
SO2	30.48
PM/PM10	4.08
OC	2.88