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RECIPROCATING INTERNAL COMBUSTION ENGINES
AIR GENERAL PERMIT REGISTRATION FORM

NOV 16 2009

State of Florida
R. Mobile Sources

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

0571363-002

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s): _____
- No air operation permits currently exist for this facility.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)
EastGroup Property Services (owner); Peak 10 (lessee)

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)
Peak 10

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)
Street Address: 9417 Corporate Lake Drive
City: Tampa County: Hillsborough Zip Code: 33634

Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility)
N/A

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Owner/Authorized Representative

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Jeff Biggs, VP Operations

Owner/Authorized Representative Mailing Address

Organization/Firm: Peak 10

Street Address: 733 Barrett Ave.

City: Louisville

County: Kentucky

Zip Code: 40204

Owner/Authorized Representative Telephone Numbers

Telephone: 502-315-6000

Fax: 502-315-6030

Cell phone (optional):

Facility Contact (If different from Owner/Authorized Representative)

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Stefan Lowrie, Director of Technology & Engineering

Facility Contact Mailing Address

Organization/Firm: Peak 10

Street Address: 9417 Corporate Lake Drive

City: Tampa

County: Hillsborough

Zip Code: 33634

Facility Contact Telephone Numbers

Telephone: 813-675-1010

Fax: 813-675-1029

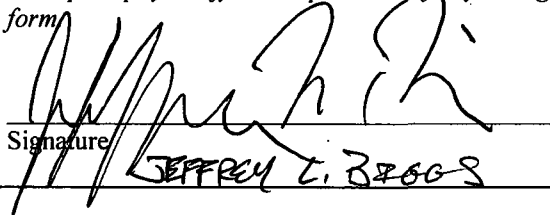
Cell phone (optional):

Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form


Signature

11/04/09
Date

Fuel Consumption

If this is an **initial registration** for reciprocating internal combustion engine operations, provide an estimate of the total amount of fuel expected to be consumed over a 12-month period. Note: the general permit limits fuel consumption by all reciprocating internal combustion engines at the facility to 20,000 gallons per year of gasoline, 250,000 gallons per year of diesel fuel, 1.15 million gallons per year of propane, 40 million standard cubic feet per year of natural gas, or an equivalent prorated amount if multiple fuels are used

169,579 gallons of diesel maximum estimate (see below for details); actual will be much less if emergency operations are not required

If this is a **re-registration** for reciprocating internal combustion engine operations, provide the highest 12-month total fuel consumption amount, in appropriate units, for the last five years. Indicate the 12-month period over which this fuel consumption occurred.

Description of Facility

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Below, or as an attachment to this form, provide a description of the reciprocating internal combustion engine operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

The facility operates five diesel fired reciprocating internal combustion engines as provided in the attached Table. In March, 2008, the Cummins engine was registered under this General Permit. Since then, four Generac engines have been added to the site. There are no other fuel burning sources at the facility. Also provided are the fuel consumption rate and the oxides of nitrogen ("NOx") emission rate at standby as provided by the manufacturer. The Cummins engine was manufactured in 2001 so it does not need to comply with 40 CFR 60 Subpart IIII, the New Source Performance Standards for Compression Ignition Internal Combustion Engines. The Generac engines meet the NSPS (see Statement of Emissions).

The Generac engines are currently operating as emergency generators as per Chapter 62-210.200(116) which limits operation to no more than 500 hours per year "only when the primary power source for that facility has been rendered inoperable by an emergency situation." In addition Chapter 62-210.300(3)(a)20.b exempts the engines from a permit if one or more generators at the facility consume no more than 32,000 gallons per year of diesel fuel. For this facility, the 500 hour limit is currently more restrictive.

The facility wishes to enroll the Generac engines (the Cummins engine is already enrolled) in a utility-sponsored Demand Response ("DR") Program. The DR Program is currently designed to operate for no more than 88 hours per year with a daily limit of 1 hour if the DR Program is called and a daily maximum of no more than 8 hours. It is expected that the DR Program will be called about 40 to 50 hours per year. Using the 88 hour limit, the estimated additional fuel use is 25,379 gallons for the 5 engines combined or a total of 169,579 gallons per year for 588 hours of operation, assuming 500 hours of emergency operation. Since the DR Program will be called before the primary power source is rendered inoperable, the facility is applying to operate the engines under the General Permit.

The total worst-case NOx emissions from the entire facility are estimated to be 23.9 tpy assuming 588 hours of operation of the engine. This is well below the 100 tpy facility limit specified in Ruel 62-210.310(2), F.A.C., (2)(a)1. The facility will also not emit 10 tpy or more of any hazardous air pollutant or 25 tpy or more of any combination of hazardous air pollutants. Finally, using the 250,000 gallons fuel limit in the General Permit and the worst-case emissions from the 1,500- kW engine, the restricted potential to emit for NOx is 41 tpy; less than the 100 tpy potential limit.

The facility will closely monitor any future equipment or process changes at the facility. Any changes to the facility will be assessed to determine if the emergency engines can still operate under the General Permit. The facility will also monitor its hourly usage.

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Peak 10

Engine Make/Model ¹	Output (kW)	Fuel Use (gph)	NO _x (lbs/hr)	Estimate Worst-Case NO _x (tpy) ²
Cummins KTA50-69	1,500	103.6	33.8	9.9
Generac DAEWOO P222LE	600	46.2	12.0	3.5
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Generac DAEWOO P222LE	600	46.2	12.0	3.5
TOTAL		288.4	81.8	23.9

¹ The Cummins engine was registered under the General Permit in March, 2008. The Generac engines were recently installed at the site.

² Assumes 588 hours

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[Redacted Box]

BLUE SKY ENVIRONMENTAL LLC

November 11, 2009

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NOV 16 2009

Mr. Dickson Dibble
Florida DEP
3800 Commonwealth Blvd.
MS-77
Tallahassee, FL 32315-3070

Florida Department of
Environmental Protection
& Mobile Sources

**Subject: RICE Air General Permit Re-Registration;
Peak 10 Air General Permit No. 0571363-001-AG**


Dear Mr. Dibble:

Attached please find an Air General Permit Re-Registration for the addition of four reciprocating internal combustion engines ("RICE") located at the Peak 10 facility at 9417 Corporate Lake Drive in Tampa and a check for \$100. The engines are currently operating as emergency generators as per Chapter 62-210.200(116) which limits operation to no more than 500 hours per year "only when the primary power source for that facility has been rendered inoperable by an emergency situation" and Chapter 62-210.300(3)(a)20.b that exempts the engine from a permit if one or more generators at the facility consume no more than 32,000 gallons per year of diesel fuel. The facility wishes to enroll the new engines in a utility-sponsored Demand Response ("DR") Program. Since the DR Program will be called before the primary power source is rendered inoperable, the facility is applying to operate the engine under this General Permit. The new engines are not subject to 40 CFR 60 Subpart III. In March 2008, the Cummins engine was registered under this General Permit (Permit No. 0571363-001-AG).

As per Rule 62-210.310(2)(c), unless the DEP denies use of the General Permit, the facility may use the Air General Permit 30 days after giving notice to the DEP with the proper registration form and fee. I estimate the date to be **December 12, 2009**.

If you have any questions or require additional information, please do not hesitate to contact me at 617-834-8408. Aaron Jenkins of EnerNOC will arrange the site visit, if necessary, and the posting of the notification sign. Aaron can be reached at 863-559-9501.

Sincerely,
Blue Sky Environmental LLC


Don C. DiCristofaro, CCM
President

Attachments

Cc: A. Jenkins

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