

## STATE OF MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION 17 STATE HOUSE STATION AUGUSTA, MAINE 04333-0017

#### DEPARTMENT ORDER

State of Maine, Bureau of General Services Kennebec County Augusta, Maine A-659-71-G-A

Departmental
Findings of Fact and Order
Air Emission License
Amendment #2

#### FINDINGS OF FACT

After review of the air emission license amendment application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 Maine Revised Statutes (M.R.S.) § 344 and § 590, the Maine Department of Environmental Protection (Department) finds the following facts:

#### I. REGISTRATION

#### A. Introduction

State of Maine, Bureau of General Services (SOM) was issued Air Emission License A-659-71-E-N on April 28, 2015, for the operation of emission sources associated with their state office complex. The license was subsequently amended on March 7, 2018 (A-659-71-F-M).

SOM has requested an amendment to their license in order to add a 125-kW emergency generator.

The equipment addressed in this license amendment is located at 15 Columbia Avenue, Augusta, Maine.

## B. Emission Equipment

The following equipment is addressed in this air emission license amendment:

#### **Boilers**

Equipment	Location	Max. Capacity (MMBtu/hr)	Max. Firing Rate	Fuel Type, % sulfur	Stack #	
Boiler #11	111 Sewall St.	14.6	14,314 scf/hr	Natural gas, negl.	1	
Boller #1.	111 Sewan St.	14.6	102.1 gal/hr	Distillate fuel, 0.0015%	1	
Boiler #21	111 Sewall St.	0.4	8,235 scf/hr	Natural gas, negl.	1	
Boller #2.   111 S	111 Sewall St.	8.4	58.3 gal/hr	Distillate fuel, 0.0015%	1	
Boiler #3 <sup>1</sup>	111 Sewall St. 12.5	12.5	12,500 scf/hr	Natural gas, negl.	1	
		83.5 gal/hr	Distillate fuel, 0.0015%	1		

<sup>1.</sup> These units are only included to address their location and will not be addressed further in this air emission license.

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### **Stationary Generators**

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			Rated				
		Max. Input	Output		Firing		
		Capacity	Capacity		Rate	Date of	Date of
<b>Equipment</b>	Location	(MMBtu/hr)	(kW)	Fuel Type, % sulfur	(gal/hr)	Manuf.	<u>Install.</u>
Generator #1	15 Columbia Ave.	1.37	125	Distillate fuel, 0.0015%	10.0	2019	2019

<sup>1.</sup> This unit is only included to address its location and will not be addressed further in this air emission license amendment.

SOM may operate small stationary engines smaller than 0.5 MMBtu/hr. These engines are considered insignificant activities and are not required to be included in this license. However, they are still subject to applicable State and Federal regulations. More information regarding requirements for small stationary engines is available on the Department's website at the link below.

http://www.maine.gov/dep/air/publications/docs/SmallRICEGuidance.pdf

Additionally, SOM may operate <u>portable</u> engines used for maintenance or emergency-only purposes. These engines are considered insignificant activities and are not required to be included in this license. However, they may still be subject to applicable State and Federal regulations.

## C. <u>Definitions</u>

## **Distillate Fuel** means the following:

- Fuel oil that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials (ASTM) in ASTM D396;
- Diesel fuel oil numbers 1 or 2, as defined in ASTM D975;
- · Kerosene, as defined in ASTM D3699;
- · Biodiesel, as defined in ASTM D6751; or
- · Biodiesel blends, as defined in ASTM D7467.

<u>Portable Engine</u> means an internal combustion engine which is portable or transportable, meaning designed to be and capable of being carried or moved from one location to another. Indicia of transportability include, but are not limited to, wheels, skids, carrying handles, dolly, trailer, or platform. This definition does NOT include engines which remain or will remain at a location (excluding storage locations) for more than 12 consecutive months or a shorter period of time for an engine located at a seasonal source. A location is any single site at a building, structure, facility, or installation. Any engine that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in calculating the consecutive time period.

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## D. Application Classification

All rules, regulations, or statutes referenced in this air emission license refer to the amended version in effect as of the date this license was issued.

The modification of a minor source is considered a major or minor modification based on whether or not expected emission increases exceed the "Significant Emission" levels as defined in the Department's *Definitions Regulation*, 06-096 Code of Maine Rules (C.M.R.) ch. 100. The emission increases are determined by subtracting the current licensed annual emissions preceding the modification from the maximum future licensed annual emissions, as follows:

<u>Pollutant</u>	Current License (TPY)	Future License (TPY)	Net Change (TPY)	Significant Emission Levels
PM	3.8	3.9	+0.1	100
PM <sub>10</sub>	3.8	3.9	+0.1	100
SO <sub>2</sub>	14.3	14.4	+0.1	100
NO <sub>x</sub>	13.6	13.9	+0.3	100
СО	3.8	3.9	+0.1	100
VOC	0.4	0.5	+0.1	50

This modification is determined to be a minor modification and has been processed as such.

#### E. Facility Classification

With the annual fuel limit on Boilers #1, #2, and #3 (combined) and the operating hours restriction on Generators #1 and #2, the facility is licensed as follows:

- As a synthetic minor source of air emissions, because SOM is subject to license restrictions that keep facility emissions below major source thresholds for criteria pollutants; and
- · As an area source of hazardous air pollutants (HAP), because the licensed emissions are below the major source thresholds for HAP.

## II. BEST PRACTICAL TREATMENT (BPT)

#### A. Introduction

In order to receive a license, the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in *Definitions Regulation*, 06-096 C.M.R. ch. 100. Separate control requirement categories exist for new and existing equipment.

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BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in *Definitions Regulation*, 06-096 C.M.R. ch. 100. BACT is a top-down approach to selecting air emission controls considering economic, environmental, and energy impacts.

### B. Generator #1

SOM intends to operate Generator #1 as an emergency generator. The emergency generator is a generator set consisting of a Caterpillar C7.1 engine and an electrical generator. Generator #1 has an engine rated at 1.37 MMBtu/hr (125 kW output) which fires distillate fuel with a maximum sulfur content not to exceed 0.0015% by weight (15 ppm) at a maximum rate of 10.0 gallons/hour. The emergency generator was manufactured in 2019 and will likely be installed in late 2019.

## 1. BACT Findings

### a. Particulate Matter (PM and PM<sub>10</sub>)

PM emissions from distillate fuel-fired engines are generally controlled through proper operation and maintenance. Additionally, this engine will be subject to 40 C.F.R. Part 60, Subpart IIII, which means it will be required to meet EPA emission standards for emergency stationary engines as discussed below. Given the operating hours restriction included in 40 C.F.R. Part 60, Subpart IIII, the use of add-on controls for PM is not economically feasible. BACT for PM and PM<sub>10</sub> emissions from Generator #1 shall be proper operation and maintenance of the unit, installation of an EPA certified emergency stationary engine as required in 40 C.F.R. § 60.4205(b), and emission limits of 0.16 lb/hr each for PM and PM<sub>10</sub>.

#### b. Sulfur Dioxide (SO<sub>2</sub>)

For an emergency engine that fires distillate fuel and operates for only short periods of time, the use of wet scrubbers or other additional SO<sub>2</sub> add-on control methods would not be economically feasible considering the minimal emissions due to the limited use of the engine. The most practical method for limiting SO<sub>2</sub> emissions from such an engine is the use of ultra-low sulfur fuel, such as distillate fuel with a sulfur content no greater than 0.0015% by weight. BACT for SO<sub>2</sub> emissions from Generator #1 shall be the use of distillate fuel with a sulfur content no greater than 0.0015% by weight, installation of an EPA certified emergency stationary engine as required in 40 C.F.R. § 60.4205(b), and an emission limit of 0.01 lb/hr.

#### c. Nitrogen Oxides (NO<sub>x</sub>)

Potentially available control options for reducing emissions of NO<sub>x</sub> from distillate fuel-fired generators include combustion controls, selective catalytic reduction

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(SCR), and non-selective catalytic reduction (NSCR). Combustion controls are typically implemented through design features such as electronic engine controls, injection systems, combustion chamber geometry, and turbocharging systems.

SCR and NSCR are both post-combustion  $NO_x$  reduction technologies. SCR uses ammonia to react with  $NO_x$  in the gas stream in the presence of a catalyst to form nitrogen and water. NSCR uses a catalyst to convert CO,  $NO_x$ , and hydrocarbons into carbon dioxide, nitrogen, and water without the use of an additional reagent, and requires strict air-to-fuel control to maintain high reduction effectiveness without increasing hydrocarbon emissions. For a unit of this usage (emergency back-up engine), neither SCR nor NSCR would be economically feasible considering the minimal emissions due to the limited use of the engine.

BACT for NO<sub>x</sub> emissions from Generator #1 shall be the use of good combustion controls, proper operation and maintenance of the unit, installation of an EPA certified emergency stationary engine as required in 40 C.F.R. § 60.4205(b), and an emission limit of 6.04 lb/hr.

## d. Carbon Monoxide (CO) and Volatile Organic Compounds (VOC)

CO and VOC emissions are a result of incomplete combustion, caused by conditions such as insufficient residence time or limited oxygen availability. CO and VOC emissions from distillate fuel-fired generators are generally controlled through proper operation and maintenance of the unit. Oxidation catalysts have been used on large generators to reduce CO and VOC emission levels in the exhaust, but, like SCR and NSCR, use of an oxidation catalyst on an emergency engine with limited yearly use would not provide a significant environmental benefit and would not be economically feasible. BACT for CO and VOC emissions from Generator #1 shall be proper operation and maintenance of the unit, installation of an EPA certified emergency stationary engine as required in 40 C.F.R. § 60.4205(b), and emission limits of 1.30 lb/hr for CO and 0.48 lb/hr for VOC.

#### e. Visible Emissions

BACT for visible emissions from Generator #1 shall be the following:

Visible emissions from Generator #1 shall not exceed 20% opacity on a six-minute block average basis except for periods of startup, during which time SOM may elect to comply with the following work practice standards in lieu of this visible emission standard:

(1) The unit operator shall maintain a log (written or electronic) of the date, time, and duration of all unit startups;

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(2) The unit shall each be operated in accordance with the manufacturer's emission-related operating instructions;

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- (3) The unit operator shall minimize the engine's time spent at idle and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply; and
- (4) The unit, including any associated air pollution control equipment, shall be operated at all times in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Department that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the unit.

#### 2. Emission Limits

The BACT emission limits for Generator #1 are based on the following:

PM/PM<sub>10</sub> - 0.12 lb/MMBtu from 06-096 C.M.R. ch. 115, BACT

SO<sub>2</sub> - combustion of distillate fuel with a maximum sulfur content not to

exceed 15 ppm (0.0015% sulfur by weight)

NO<sub>x</sub> - 4.41 lb/MMBtu from AP-42, Table 3.3-1, dated 10/96 CO - 0.95 lb/MMBtu from AP-42, Table 3.3-1, dated 10/96 VOC - 0.35 lb/MMBtu from AP-42, Table 3.3-1, dated 10/96

Visible - 06-096 C.M.R. ch. 115, BACT

**Emissions** 

The BACT emission limits for Generator #1 are the following:

Unit	PM	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)
Generator #1	0.16	0.16	0.01	6.04	1.30	0.48

Visible emissions from Generator #1 shall not exceed 20% opacity on a six-minute block average basis except for periods of startup, during which time SOM may elect to comply with the following work practice standards in lieu of this visible emission standard:

- a. SOM shall maintain a log (written or electronic) of the date, time, and duration of all generator startups.
- b. The generator shall be operated in accordance with the manufacturer's emission-related operating instructions.

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- c. SOM shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations shall apply.
- d. The generator, including any associated air pollution control equipment, shall be operated at all times in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Department that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the unit.

The Department has determined that the proposed BACT visible emission limit is more stringent than the applicable limit in 06-096 C.M.R. ch. 101. Therefore, the visible emission limit for the generator has been streamlined to the more stringent BACT limit, and only this more stringent limit shall be included in the air emission license.

## 3. 40 C.F.R. Part 60, Subpart IIII

Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 C.F.R. Part 60, Subpart IIII is applicable to the emergency engine listed above since the unit was ordered after July 11, 2005, and manufactured after April 1, 2006. [40 C.F.R. § 60.4200] By meeting the requirements of 40 C.F.R. Part 60, Subpart IIII, the unit also meets the requirements found in the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 C.F.R. Part 63, Subpart ZZZZ. [40 C.F.R. § 63.6590(c)]

A summary of the currently applicable federal 40 C.F.R. Part 60, Subpart IIII requirements is listed below.

## a. Emergency Engine Designation and Operating Criteria

Under 40 C.F.R. Part 60, Subpart IIII, a stationary reciprocating internal combustion engine (ICE) is considered an **emergency** stationary ICE (emergency engine) as long as the engine is operated in accordance with the following criteria. Operation of an engine outside of the criteria specified below may cause the engine to no longer be considered an emergency engine under 40 C.F.R. Part 60, Subpart IIII, resulting in the engine being subject to requirements applicable to **non-emergency** engines.

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(1) Emergency Situation Operation (On-Site)

There is no operating time limit on the use of an emergency engine to provide electrical power or mechanical work during an emergency situation. Examples of use of an emergency engine during emergency situations include the following:

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- Use of an engine to produce power for critical networks or equipment (including power supplied to portions of a facility) because of failure or interruption of electric power from the local utility (or the normal power source, if the facility runs on its own power production);
- Use of an engine to mitigate an on-site disaster or equipment failure;
- Use of an engine to pump water in the case of fire, flood, natural disaster, or severe weather conditions; and
- Similar instances.

## (2) Non-Emergency Situation Operation

An emergency engine may be operated up to a maximum of 100 hours per calendar year for maintenance checks, readiness testing, and other non-emergency situations as described below.

- (i) An emergency engine may be operated for a maximum of 100 hours per calendar year for maintenance checks and readiness testing, provided that the tests are recommended by federal, state, or local government; the manufacturer; the vendor; the regional transmission organization or equivalent balancing authority and transmission operator; or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE more than 100 hours per calendar year.
- (ii) An emergency engine may be operated for up to 50 hours per calendar year for other non-emergency situations. However, these operating hours are counted as part of the 100 hours per calendar year operating limit described in paragraph (2) and (2) (i) above.

The 50 hours per calendar year operating limit for other non-emergency situations cannot be used for peak shaving, demand response, or to generate income for a facility by providing power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

[40 C.F.R. §§ 60.4211(f) and 60.4219]

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## b. 40 C.F.R. Part 60, Subpart IIII Requirements

## (1) Manufacturer Certification Requirement

The engine shall be certified by the manufacturer as meeting the emission standards for new nonroad compression ignition engines found in 40 C.F.R. § 60.4202. [40 C.F.R. § 60.4205(b)]

## (2) Ultra-Low Sulfur Fuel Requirement

The fuel fired in the engine shall not exceed 15 ppm sulfur (0.0015% sulfur). [40 C.F.R. § 60.4207(b)]

## (3) Non-Resettable Hour Meter Requirement

A non-resettable hour meter shall be installed and operated on the engine. [40 C.F.R. § 60.4209(a)]

## (4) Operation and Maintenance Requirements

The engine shall be operated and maintained according to the manufacturer's emission-related written instructions. SOM may only change those emission-related settings that are permitted by the manufacturer. [40 C.F.R. § 60.4211(a)]

### (5) Annual Time Limit for Maintenance and Testing

As an emergency engine, the unit shall be limited to 100 hours/year for maintenance checks and readiness testing. Up to 50 hours/year of the 100 hours/year may be used in non-emergency situations (this does not include peak shaving, demand response, or to generate income for a facility by providing power to an electric grid or otherwise supply power as part of a financial arrangement with another entity). [40 C.F.R. § 60.4211(f)]

#### (6) Initial Notification Requirement

No initial notification is required under 40 C.F.R. Part 60, Subpart IIII for emergency engines. [40 C.F.R. § 60.4214(b)]

### (7) Recordkeeping

SOM shall keep records that include maintenance conducted on the engine and the hours of operation of the engine recorded through the non-resettable hour meter. Documentation shall include the number of hours the unit operated for

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emergency purposes, the number of hours the unit operated for non-emergency purposes, and the reason the engine was in operation during each time. [40 C.F.R. § 60.4214(b)]

### C. Annual Emissions

SOM shall be restricted to the following annual emissions, based on a calendar year total. The tons per year limits were calculated based on the following:

- Firing 400,000 gal/yr of distillate fuel in the boilers;
- Firing 55 MMscf/year of natural gas in the boilers; and
- Operating Generators #1 and #2 for 100 hrs/yr (each).

## Total Licensed Annual Emissions for the Facility Tons/year

(used to calculate the annual license fee)

	<u>PM</u>	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
Boilers #1, 2, and 3 firing distillate fuel	3.4	3.4	14.1	9.8	1.0	0.1
Boilers #1, 2, and 3 firing natural gas	0.2	0.2	0.1	2.8	2.3	0.2
Generator #1	0.1	0.1	0.1	0.3	0.1	0.1
Generator #2	0.2	0.2	0.1	1.0	0.5	0.1
Total TPY	3.9	3.9	14.4	13.9	3.9	0.5

Pollutant	Tons/year
Single HAP	9.9
Total HAP	24.9

## III. AMBIENT AIR QUALITY ANALYSIS

The level of ambient air quality impact modeling required for a minor source is determined by the Department on a case-by case basis. In accordance with 06-096 C.M.R. ch. 115, an ambient air quality impact analysis is not required for a minor source if the total licensed annual emissions of any pollutant released do not exceed the following levels and there are no extenuating circumstances:

Pollutant	Tons/Year		
PM <sub>10</sub>	25		
SO <sub>2</sub>	50		
NO <sub>x</sub>	50		
CO	250		

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The total licensed annual emissions for the facility are below the emission levels contained in the table above and there are no extenuating circumstances; therefore, an ambient air quality impact analysis is not required as part of this license amendment.

#### **ORDER**

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards, and
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License Amendment A-659-71-G-A subject to the conditions found in Air Emission License A-659-71-E-N, in amendment A-659-71-F-M, and the following condition.

<u>Severability</u>. The invalidity or unenforceability of any provision of this License Amendment or part thereof shall not affect the remainder of the provision or any other provisions. This License Amendment shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

#### **SPECIFIC CONDITIONS**

The following is a new Condition to Air Emission License A-659-71-E-N (April 28, 2015):

### (19) **Generator #1**

- A. Generator #1 shall be limited to 100 hours of operation per calendar year, excluding operating hours during emergency situations. [06-096 C.M.R. ch. 115, BACT]
- B. Emissions shall not exceed the following [06-096 C.M.R. ch. 115, BACT]:

<u>Unit</u>	PM	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)
Generator #1	0.16	0.16	0.01	6.04	1.30	0.48

## C. Visible Emissions

Visible emissions from Generator #1 shall not exceed 20% opacity on a six-minute block average basis except for periods of startup, during which time SOM may elect to

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comply with the following work practice standards in lieu of this visible emission standard [06-096 C.M.R. ch. 115, BACT]:

- 1. SOM shall maintain a log (written or electronic) of the date, time, and duration of all generator startups.
- 2. The generator shall be operated in accordance with the manufacturer's emission-related operating instructions.
- 3. SOM shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations shall apply.
- 4. The generator, including any associated air pollution control equipment, shall be operated at all times in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Department that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the unit.
- D. Generator #1 shall meet the applicable requirements of 40 C.F.R. Part 60, Subpart IIII, including the following [incorporated under 06-096 C.M.R. ch. 115, BACT]:

#### 1. Manufacturer Certification

The engine shall be certified by the manufacturer as meeting the emission standards for new nonroad compression ignition engines found in §60.4202. [40 C.F.R. § 60.4205(b)]

#### 2. Ultra-Low Sulfur Fuel

The fuel fired in the engine shall not exceed 15 ppm sulfur (0.0015% sulfur). Compliance with the fuel sulfur content limit shall be demonstrated by fuel delivery receipts from the supplier, fuel supplier certification, certificate of analysis, or testing of the tank containing the fuel to be fired. [40 C.F.R. § 60.4207(b) and 06-096 C.M.R. ch. 115, BACT]

#### 3. Non-Resettable Hour Meter

A non-resettable hour meter shall be installed and operated on the engine. [40 C.F.R. § 60.4209(a)]

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- 4. Annual Time Limit for Maintenance and Testing
  - a. As an emergency engine, the unit shall be limited to 100 hours/year for maintenance checks and readiness testing. Up to 50 hours/year of the 100 hours/year may be used in non-emergency situations (this does not include peak shaving, demand response, or to generate income for a facility by providing power to an electric grid or otherwise supply power as part of a financial arrangement with another entity). These limits are based on a calendar year. Compliance shall be demonstrated by records (electronic or written log) of all engine operating hours. [40 C.F.R. § 60.4211(f) and 06-096 C.M.R. ch. 115, BACT]
  - b. SOM shall keep records that include maintenance conducted on the engine and the hours of operation of the engine recorded through the non-resettable hour meter. Documentation shall include the number of hours the unit operated for emergency purposes, the number of hours the unit operated for non-emergency purposes, and the reason the engine was in operation during each time. [40 C.F.R. § 60.4214(b)]
- 5. Operation and Maintenance

The engine shall be operated and maintained according to the manufacturer's emission-related written instructions. SOM may only change those emission-related settings that are permitted by the manufacturer. [40 C.F.R. § 60.4211(a)]

DONE AND DATED IN AUGUSTA, MAINE THIS 27 th DAY OF September, 2019.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

GERALD D. REID, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-659-71-F-N.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: August 21, 2019

Date of application acceptance: August 26, 2019

Date filed with the Board of Environmental Protection:

This Order prepared by Jonathan E. Rice, Bureau of Air Quality.

SEP 2 7 2019

State of Maine
Board of Environmental Protection