



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

DEPARTMENT ORDER

**Madison Electric Works  
Somerset County  
Madison, Maine  
A-1100-71-D-N**

**Departmental  
Findings of Fact and Order  
Air Emission License  
After-the-Fact Renewal**

**FINDINGS OF FACT**

After review of the air emission license renewal 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

The Air Emission License for Madison Electric Works (Madison Electric) was issued with an expiration date of June 2, 2024. Madison Electric applied after that date to renew their license for the operation of emission sources associated with their electrical distribution facility.

The equipment addressed in this license is located at 77 Jones Street, Madison, Maine.

B. Emission Equipment

The following equipment is addressed in this air emission license:

**Stationary Engine**

<b>Equipment</b>	<b>Max. Input Capacity (MMBtu/hr)</b>	<b>Rated Output Capacity (kW)</b>	<b>Fuel Type</b>	<b>Firing Rate (scf/hr)</b>	<b>Date of Manuf.</b>	<b>Date of Install.</b>
CAT Generator #1	22.8	2500	Natural Gas	21,845	2021	2021

C. 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 previous air emission license for Madison Electric expired on June 2, 2024. A complete application was not submitted prior to the expiration date; therefore, Madison Electric is considered to be an existing source applying for an after-the-fact renewal. The Department has determined the facility is a minor source, and the application has been

processed through *Major and Minor Source Air Emission License Regulations*, 06-096 Code of Maine Rules (C.M.R.) ch. 115.

D. Facility Classification

With the annual limit on hours of operation on CAT Generator #1, the facility is licensed as follows:

- As a synthetic minor source of air emissions for criteria pollutants, because Madison Electric is subject to license restrictions that keep facility emissions below major source thresholds for NO<sub>x</sub>; 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.

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.

BPT for an after-the-fact renewal requires an analysis similar to a BACT analysis pursuant to 06-096 C.M.R. ch. 115.

B. CAT Generator #1

Madison Electric operates CAT Generator #1 that is used to supply electricity to the grid in a non-emergency capacity during periods of high electrical demand. CAT Generator #1 has an engine rated at 22.8 MMBtu/hr and fires natural gas. The engine is equipped with air-to-fuel ratio control, a control system that optimizes combustion and minimizes NO<sub>x</sub> emissions. CAT Generator #1 was manufactured and installed in 2021 and exhausts through its own stack with a height of at least 37.5 feet above ground level (AGL). With the building peak height of 24.5 feet AGL, a stack height of 37.5 feet AGL represents 60% of Good Engineering Practice (GEP) stack height, as defined in *Prohibited Dispersion Techniques*, 06-096 C.M.R. ch. 116.

CAT Generator #1's engine is certified to meet applicable emissions standards in Table 1 of Standards of Performance for Spark Ignition Internal Combustion Engines, 40 C.F.R.

Part 60, Subpart JJJJ (Subpart JJJJ) for NO<sub>x</sub>, CO, and VOC. Madison Electric must maintain on-site a current copy of the manufacturer's emissions-related written instructions for the operation and maintenance of the CAT Generator engine.

Madison Electric has elected to take an operating hour limit of 6,225 hours per year for CAT Generator #1 to exempt them from the emissions inventory reporting requirements contained in Emission Statements, 06-096 C.M.R. ch. 137.

**1. BACT Findings**

**a. Particulate matter (PM, PM<sub>10</sub>, PM<sub>2.5</sub>)**

Madison Electric fires only low-ash content fuel, natural gas, in CAT Generator #1 and optimizes combustion conditions by following maintenance practices recommended by the manufacturer. Additional add-on pollution controls are not economically feasible.

BACT for PM/PM<sub>10</sub>/PM<sub>2.5</sub> emissions from CAT Generator #1 is the use natural gas and the emission limits listed in the tables below

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

Madison Electric fires only natural gas. The use of this fuel results in minimal emissions of SO<sub>2</sub>, and additional add-on pollution controls are not economically feasible.

BACT for SO<sub>2</sub> emissions from CAT Generator #1 is the use of natural gas and the emission limits listed in the tables below

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

There are several control strategies for the control of NO<sub>x</sub> from distillate fuel-fired engines including Selective Catalytic Reduction (SCR), Selective Non-Catalytic Reduction (SNCR), and proper operation and maintenance of the engine.

Both SCR and SNCR are technically feasible control technologies for minimizing NO<sub>x</sub>. Both methods include injection of a NO<sub>x</sub> reducing agent, typically ammonia or urea, into the boiler combustion gases, where the reagent reacts with NO<sub>x</sub> to form nitrogen and water. Each technology is effective within a specific temperature range, 500 – 1,200 °F for SCR and 1,400 – 1,600 °F for SNCR. However, both SCR and SNCR have the negative environmental impact of emissions of unreacted ammonia. In addition, due to the initial capital cost and the annual operating costs, these systems are typically only considered cost effective for units larger than CAT Generator #1.

BACT for NO<sub>x</sub> emissions from CAT Generator #1 is proper maintenance, use of an air-to-fuel ratio control, and operation of the unit and the emission limits listed in the tables below.

d. Carbon Monoxide (CO)

There are several control strategies for the control of CO and VOC including oxidation catalysts, thermal oxidizers, and use of an oxygen trim system. Oxidation catalysts and thermal oxidizers both have high capital, maintenance, and operational costs considering the size of the generators in question. These controls were determined to be economically infeasible.

BACT for CO and VOC emissions from CAT Generator #1 are the emission limits listed in the tables below.

e. Emission Limits

The BACT emission limits for the CAT Generator were based on the following:

PM/PM <sub>10</sub> /PM <sub>2.5</sub>	– 0.12 lb/MMBtu from 06-096 C.M.R. ch. 103
SO <sub>2</sub>	– 5.88 x 10 <sup>-4</sup> lb/MMBtu from AP-42, Table 3.2-3 dated 10/24
NO <sub>x</sub>	– 1.0 g/Hp-hr; 82 ppmvd at 15% O <sub>2</sub> from 40 C.F.R Part 60, Subpart JJJJ, Table 1 dated 7/28/2011
CO	– 2.0 g/Hp-hr; 270 ppmvd at 15% O <sub>2</sub> from 40 C.F.R Part 60, Subpart JJJJ, Table 1 dated 7/28/2011
VOC	– 0.7 g/Hp-hr; 60 ppmvd at 15% O <sub>2</sub> from 40 C.F.R Part 60, Subpart JJJJ, Table 1 dated 7/28/2011
Visible Emissions	– 06-096 C.M.R. ch. 101

Emissions from CAT Generator #1 shall not exceed the following:

Unit	Pollutant	lb/MMBtu
CAT Generator	PM	0.12

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

Unit	PM (lb/hr)	PM <sub>10</sub> (lb/hr)	PM <sub>2.5</sub> (lb/hr)	SO <sub>2</sub> (lb/hr)	NO <sub>x</sub> (lb/hr)	CO (lb/hr)	VOC (lb/hr)
CAT Generator	2.74	2.74	2.74	0.01	8.00	16.00	5.60

Visible emissions from CAT Generator #1 shall not exceed 10% opacity on a six-minute block average basis.

The Department has determined that the 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 CAT Generator #1 shall be streamlined to the more stringent BACT limit, and only this more stringent limit shall be included in the Order of this air emission license.

2. Chapter 169

CAT Generator #1 was installed prior to the effective date of *Stationary Generators*, 06-096 C.M.R. ch. 169 and is therefore exempt from that rule pursuant to section 1.

3. New Source Performance Standards: 40 C.F.R. Part 60, Subpart JJJJ

*Standards of Performance for Spark Ignition Internal Combustion Engines*, 40 C.F.R. Part 60, Subpart JJJJ is applicable to CAT Generator #1 listed above since the unit was ordered after June 12, 2006, and manufactured after January 1, 2009. [40 C.F.R. § 60.4230] By meeting the requirements of 40 C.F.R. Part 60, Subpart JJJJ, 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 JJJJ requirements is listed below.

a. Manufacturer Certification Requirement

(1) CAT Generator #1 shall be certified by the manufacturer as meeting the emission standards for new nonroad spark ignition engines found in 40 C.F.R. Part 60, Subpart JJJJ, Table 1. [40 C.F.R. § 60.4233]

(2) CAT Generator #1 shall be operated and maintained to meet the emission standards as required in § 60.4233(e) over the entire life of the engine. [40 C.F.R. § 60.4234]

b. Non-Resettable Hour Meter Requirement

A non-resettable hour meter shall be installed and operated on CAT Generator #1 engine for compliance demonstration with the annual operating hour limit. [40 C.F.R. § 60.4237(a)]

c. Operation and Maintenance Requirement

The engine shall be operated and maintained according to the manufacturer's written instructions or procedures developed by Madison Electric that are approved by the engine manufacturer. Madison Electric may only change those settings that are permitted by the manufacturer. [40 C.F.R. § 60.4243]

Madison Electric shall have available for review by the Department a copy of the manufacturer's written instructions or procedures developed by Madison Electric

that are approved by the engine manufacturer for engine operation and maintenance. [06-096 C.M.R. ch. 115, BPT]

**d. Recordkeeping**

(1) Madison Electric shall operate and maintain CAT Generator #1 according to the manufacturer's emission-related written instructions or procedures developed by Madison Electric that are approved by the engine manufacturer. Madison Electric may only change those settings that are permitted by the manufacturer. [40 C.F.R. § 60.4243]

(2) Madison Electric shall meet the following notification, reporting, and recordkeeping requirements:

- (i) All notifications submitted by Madison Electric to comply with Subpart JJJJ, and all documentation supporting any notifications.
- (ii) Records of all maintenance conducted on CAT Generator #1; and
- (iii) Documentation from the manufacturer that CAT Generator #1 is certified to meet the emission standards required in Subpart JJJJ.

[40 C.F.R. § 60.4245(a)]

**e. Air-to-Fuel Ratio Controls**

The air-to-fuel ratio controller on CAT Generator #1 shall be maintained and operated appropriately in order to ensure proper operation of the engine to minimize emissions at all times. [40 C.F.R. § 60.4243(g)]

**C. General Process Emissions**

Visible emissions from any general process source shall not exceed 20% opacity on a six-minute block average basis.

**D. Fugitive Emissions**

Madison Electric shall not cause emissions of any fugitive dust during any period of construction, reconstruction, or operation without taking reasonable precautions. Such reasonable precautions shall be included in the facility's continuing program of best management practices for suppression of fugitive particulate matter. See 06-096 C.M.R. ch. 101, § 4(C) for a list of potential reasonable precautions.

Madison Electric shall not cause or allow visible emissions within 20 feet of ground level, measured as any level of opacity and not including water vapor, beyond the legal boundary of the property on which such emissions occur. Compliance with this standard shall be determined pursuant to 40 C.F.R. Part 60, Appendix A, Method 22.

E. Annual Emissions

The table below provides an estimate of facility-wide annual emissions for the purposes of calculating the facility's annual air license fee and establishing the facility's potential to emit (PTE). Only licensed equipment is included, i.e., emissions from insignificant activities are excluded. Similarly, unquantifiable fugitive particulate matter emissions are not included except when required by state or federal regulations. Maximum potential emissions were calculated based on operating CAT Generator #1 for 6,225 hr/yr.

This information does not represent a comprehensive list of license restrictions or permissions. That information is provided in the Order section of this license.

**Total Licensed Annual Emissions for the Facility**

**Tons/year**

(used to calculate the annual license fee)

	PM	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
CAT Generator #1	8.5	8.5	8.5	0.1	24.9	49.8	17.4
<b>Total TPY</b>	<b>8.5</b>	<b>8.5</b>	<b>8.5</b>	<b>0.1</b>	<b>24.9</b>	<b>49.8</b>	<b>17.4</b>

Pollutant	Tons/year
Single HAP	7.9
Total HAP	19.9

**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
PM <sub>2.5</sub>	15
SO <sub>2</sub>	50
NO <sub>x</sub>	50
CO	250

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.

This determination is based on information provided by the applicant regarding licensed emission units. If the Department determines that any parameter (e.g., stack size, configuration,

flow rate, emission rates, nearby structures, etc.) deviates from what was included in the application, the Department may require Madison Electric to submit additional information and may require an ambient air quality impact analysis at that time.

### **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 A-1100-71-D-N subject to the following conditions.

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

### **STANDARD CONDITIONS**

- (1) Employees and authorized representatives of the Department shall be allowed access to the licensee's premises during business hours, or any time during which any emissions units are in operation, and at such other times as the Department deems necessary for the purpose of performing tests, collecting samples, conducting inspections, or examining and copying records relating to emissions (38 M.R.S. § 347-C).
- (2) The licensee shall acquire a new or amended air emission license prior to beginning actual construction of a modification, unless specifically provided for in Chapter 115. [06-096 C.M.R. ch. 115]
- (3) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both. [06-096 C.M.R. ch. 115]
- (4) The licensee shall establish and maintain a continuing program of best management practices for suppression of fugitive particulate matter during any period of construction, reconstruction, or operation which may result in fugitive dust, and shall submit a description of the program to the Department upon request. [06-096 C.M.R. ch. 115]



- (5) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to Title 38 M.R.S. § 353-A. [06-096 C.M.R. ch. 115] Payment of the annual air emission license fee for Madison Electric is due by the end of August of each year. [38 M.R.S. § 353-A(3)]
- (6) The license does not convey any property rights of any sort, or any exclusive privilege. [06-096 C.M.R. ch. 115]
- (7) The licensee shall maintain and operate all emission units and air pollution systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions. [06-096 C.M.R. ch. 115]
- (8) The licensee shall maintain sufficient records to accurately document compliance with emission standards and license conditions and shall maintain such records for a minimum of six (6) years. The records shall be submitted to the Department upon written request. [06-096 C.M.R. ch. 115]
- (9) The licensee shall comply with all terms and conditions of the air emission license. The filing of an appeal by the licensee, the notification of planned changes or anticipated noncompliance by the licensee, or the filing of an application by the licensee for a renewal of a license or amendment shall not stay any condition of the license. [06-096 C.M.R. ch. 115]
- (10) The licensee may not use as a defense in an enforcement action that the disruption, cessation, or reduction of licensed operations would have been necessary in order to maintain compliance with the conditions of the air emission license. [06-096 C.M.R. ch. 115]
- (11) In accordance with the Department's air emission compliance test protocol and 40 C.F.R. Part 60 or other method approved or required by the Department, the licensee shall:
  - A. Perform stack testing to demonstrate compliance with the applicable emission standards under circumstances representative of the facility's normal process and operating conditions:
    - 1. Within sixty (60) calendar days of receipt of a notification to test from the Department or EPA, if visible emissions, equipment operating parameters, staff inspection, air monitoring or other cause indicate to the Department that equipment may be operating out of compliance with emission standards or license conditions; or
    - 2. Pursuant to any other requirement of this license to perform stack testing.

- B. Install or make provisions to install test ports that meet the criteria of 40 C.F.R. Part 60, Appendix A, and test platforms, if necessary, and other accommodations necessary to allow emission testing; and
  - C. Submit a written report to the Department within thirty (30) days from date of test completion.  
[06-096 C.M.R. ch. 115]
- (12) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicate emissions in excess of the applicable standards, then:
- A. Within thirty (30) days following receipt of the written test report by the Department, or another alternative timeframe approved by the Department, the licensee shall re-test the non-complying emission source under circumstances representative of the facility's normal process and operating conditions and in accordance with the Department's air emission compliance test protocol and 40 C.F.R. Part 60 or other method approved or required by the Department; and
  - B. The days of violation shall be presumed to include the date of stack test and each and every day of operation thereafter until compliance is demonstrated under normal and representative process and operating conditions, except to the extent that the facility can prove to the satisfaction of the Department that there were intervening days during which no violation occurred or that the violation was not continuing in nature; and
  - C. The licensee may, upon the approval of the Department following the successful demonstration of compliance at alternative load conditions, operate under such alternative load conditions on an interim basis prior to a demonstration of compliance under normal and representative process and operating conditions.  
[06-096 C.M.R. ch. 115]
- (13) Notwithstanding any other provisions in the State Implementation Plan approved by the EPA or Section 114(a) of the CAA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any statute, regulation, or license requirement. [06-096 C.M.R. ch. 115]
- (14) The licensee shall maintain records of malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emissions unit itself that would affect emissions and that is not consistent with the terms and conditions of the air emission license. The licensee shall notify the Department within two (2) days or the next state working day, whichever is later, of such occasions where such changes result in an increase of emissions. The licensee shall report all excess emissions in the units of the applicable emission limitation. [06-096 C.M.R. ch. 115]

- (15) Upon written request from the Department, the licensee shall establish and maintain such records, make such reports, install, use and maintain such monitoring equipment, sample such emissions (in accordance with such methods, at such locations, at such intervals, and in such a manner as the Department shall prescribe), and provide other information as the Department may reasonably require to determine the licensee's compliance status. [06-096 C.M.R. ch. 115]
- (16) The licensee shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard (38 M.R.S. § 605). [06-096 C.M.R. ch. 115]

**SPECIFIC CONDITIONS**

**(17) CAT Generator #1**

- A. CAT Generator #1 is licensed to fire natural gas. [06-096 C.M.R. ch. 115, BPT]
- B. CAT Generator #1 shall be limited to 6,225 hours per year of operation. [06-096 C.M.R. ch. 115, BPT]
- C. Emissions shall not exceed the following:

Unit	Pollutant	lb/MMBtu	Origin and Authority
CAT Generator #1	PM	0.12	06-096 C.M.R. ch. 103

- D. Emissions shall not exceed the following [06-096 C.M.R. ch. 115, BPT/BACT]:

Unit	PM (lb/hr)	PM <sub>10</sub> (lb/hr)	PM <sub>2.5</sub> (lb/hr)	SO <sub>2</sub> (lb/hr)	NO <sub>x</sub> (lb/hr)	CO (lb/hr)	VOC (lb/hr)
CAT Generator #1	2.74	2.74	2.74	0.01	8.00	16.00	5.60

- E. CAT Generator #1 shall exhaust through a stack with a minimum height of 37.5 feet above ground level. [06-096 C.M.R. ch. 115, BPT]
- F. Visible Emissions

Visible emissions from CAT Generator #1 shall not exceed 10% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 115, BPT]

- G. CAT Generator #1 shall meet the applicable requirements of 40 C.F.R. Part 60, Subpart JJJJ, including the following: [incorporated under 06-096 C.M.R. ch. 115, BPT]
1. Manufacturer Certification

- (a) The engine shall be certified by the manufacturer as meeting the emission standards for new nonroad spark ignition engines found in 40 C.F.R. Part 60, Subpart JJJJ, Table 1.
- (b) CAT Generator #1 shall be certified by the manufacturer to comply with the applicable emission standards specified in Table 1 of Subpart JJJJ. [40 C.F.R. § 60.4233(e)]
- (c) CAT Generator #1 shall be operated and maintained to meet the emission standards as required in § 60.4233(e) over the entire life of the engine. [40 C.F.R. § 60.4234]

**2. Non-Resettable Hour Meter**

A non-resettable hour meter shall be operated on the engine. [40 C.F.R. § 60.4237 and 06-096 C.M.R. ch. 115, BPT]

**3. Operation and Maintenance**

The engine shall be operated and maintained according to the manufacturer's written instructions or procedures developed by Madison Electric that are approved by the engine manufacturer. Madison Electric may only change those settings that are permitted by the manufacturer. [40 C.F.R. § 60.4243]

Madison Electric shall have available for review by the Department a copy of the manufacturer's emission-related written instructions for engine operation and maintenance. [06-096 C.M.R. ch. 115, BPT]

**4. Recordkeeping**

- (a) All notifications submitted to comply with Subpart JJJJ, along with all documentation supporting any notifications;
- (b) Records of all maintenance activities conducted on CAT Generator #1; and
- (c) Documentation from the manufacturer that CAT Generator #1 is certified to meet the emission standards required in Subpart JJJJ.

Any of the above records or documents requested by the Department or the Environmental Protection Agency shall be made available by Madison Electric for immediate review upon request.

[40 C.F.R. § 60.4245(a)]

**5. Air-to-Fuel Ratio Control**

The air-to-fuel ratio controller utilized on CAT Generator #1 shall be maintained and operated appropriately in order to ensure proper operation of the engine to minimize emissions at all times. [40 C.F.R. § 60.4243(g)]

(18) **General Process Sources**

Visible emissions from any general process source shall not exceed 20% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 101, § 4(B)(4)]

(19) **Fugitive Emissions**

A. Madison Electric shall not cause emissions of any fugitive dust during any period of construction, reconstruction, or operation without taking reasonable precautions. Such reasonable precautions shall be included in the facility's continuing program of best management practices for suppression of fugitive particulate matter. See 06-096 C.M.R. ch. 101, § 4(C) for a list of potential reasonable precautions.

B. Madison Electric shall not cause or allow visible emissions within 20 feet of ground level, measured as any level of opacity and not including water vapor, beyond the legal boundary of the property on which such emissions occur. Compliance with this standard shall be determined pursuant to 40 C.F.R. Part 60, Appendix A, Method 22.

[06-096 C.M.R. ch. 101, § 4(C)]

(20) If the Department determines that any parameter value pertaining to construction and operation of the emissions units, including but not limited to stack size, configuration, flow rate, emission rates, nearby structures, etc., deviates from what was submitted in the application or ambient air quality impact analysis for this air emission license, Madison Electric may be required to submit additional information. Upon written request from the Department, Madison Electric shall provide information necessary to demonstrate AAQS will not be exceeded, potentially including submission of an ambient air quality impact analysis or an application to amend this air emission license to resolve any deficiencies and ensure compliance with AAQS. Submission of this information is due within 60 days of the Department's written request unless otherwise stated in the Department's letter.

[06-096 C.M.R. ch. 115, § 2(O)]

DONE AND DATED IN AUGUSTA, MAINE THIS 12<sup>th</sup> DAY OF DECEMBER, 2025.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:  for  
MELANIE LOYZIM, COMMISSIONER

**The term of this license shall be ten (10) years from the signature date above.**

[Note: If a renewal application, determined as complete by the Department, is submitted prior to expiration of this license, then pursuant to Title 5 M.R.S. § 10002, all terms and conditions of the license shall remain in effect until the Department takes final action on the license renewal application.]

**Madison Electric Works  
Somerset County  
Madison, Maine  
A-1100-71-D-N**

**14**

**Departmental  
Findings of Fact and Order  
Air Emission License  
After-the-Fact Renewal**

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 11/21/2024

Date of application acceptance: 12/2/2024

This Order prepared by Jack Doran, Bureau of Air Quality.