

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR AND WASTE

Northeast Regional Office  
205B Lowell Street, Wilmington, MA 01887

PUBLIC NOTICE

Notice is hereby given that the Department of Environmental Protection ("MassDEP"), acting in accordance with the provisions of M.G.L. Chapter 111, Sections 142A through 142K and 310 CMR 7.00: Appendix C offers for public comment the following Draft Phase II Acid Rain Permit. This action is required by the US Environmental Protection Agency as stated in its final rule adopting the Phase II Acid Rain Program promulgated at 40 CFR Part 72.

The Draft Phase II Acid Rain Permit is being issued in accordance with 310 CMR 7.00: Appendix C(3)(n). The Phase II Acid Rain requirements will be issued, and subsequently incorporated into the affected source's Operating Permit, and renewed with the Operating Permit. The purpose of the Phase II Acid Rain Permit is to detail the allocation of sulfur dioxide emission allowances per affected unit at the following affected source:

Affected Source:                      Massachusetts Municipal Wholesale Electric Company  
58 R Pulaski Street, Peabody, Massachusetts 01960

Designated Representative:    Brian A. Quinn

MassDEP has determined that Emission Unit 1 at the affected facility is the affected unit subject to the Phase II Acid Rain Program.

The public comment period will extend until 5:00 PM, September 21, 2020. MassDEP requests that written testimony be submitted electronically via e-mail to: [cosmo.buttaro@mass.gov](mailto:cosmo.buttaro@mass.gov). Comments may also be sent in writing to:

Massachusetts Department of Environmental Protection  
Northeast Regional Office  
205B Lowell Street, Wilmington, MA 01887

ATTENTION:                      Edward Braczyk, Regional Permit Chief  
Cosmo Buttaro, Environmental Engineer

Under the provisions of M.G.L. Chapter 30A and 310 CMR 7.00: Appendix C(6)(f), a public hearing may be requested by any person by submitting a written request to the Northeast Regional Office, stating the nature of the issues to be raised at a public hearing. Based on the written request, the Department will determine if a public hearing will be held and a 30-day written notice will be given. The duration of the public comment period shall automatically extend to the close of

the public hearing as provided for at 310 CMR 7.00: Appendix C(6)(g). Written testimony shall be submitted to:

Massachusetts Department of Environmental Protection  
Northeast Regional Office  
205B Lowell Street, Wilmington, MA 01887

ATTENTION:           Edward Braczyk, Regional Permit Chief  
                              Cosmo Buttaro, Environmental Engineer

A copy of the Draft Phase II Acid Rain Permit and Application can be viewed on MassDEP's website at: <https://www.mass.gov/service-details/massdep-public-hearings-comment-opportunities>. Copies of the Draft Phase II Acid Rain Permit and the Application will also be available for inspection at the Northeast Regional Office commencing on the date of this Notice during normal business hours of 8:45AM to 5:00PM by calling Cosmo Buttaro at (978) 694-3281.

By Order of MassDEP  
Martin Suuberg  
Commissioner



April 10, 2020

Mr. Edward Braczyk, Section Chief -Bureau of Air and Waste  
MassDEP Northeast Region  
205B Lowell Street  
Wilmington, MA 01887

**Re: MMWEC Simple Cycle Gas Turbine -Acid Rain Permit Application**

Dear Ed:

In accordance with 40 CFR part 72, attached please find the Acid Rain Permit Application for the MMWEC Simple Cycle Gas Turbine Project. This Project is for a nominal 60 MW electric generating facility to be located in Peabody MA. A Certificate of Representation for this Project has been submitted to the USEPA and Brian Quinn is the Designated Representative for the Project.

If you have any questions, do not hesitate to call Brian Quinn at MMWEC at (413) 308-1314 or George Lipka at Tetra Tech at (617) 448-0165.

Sincerely,

A handwritten signature in cursive script that reads "George S. Lipka".

George S. Lipka

A handwritten signature in cursive script that reads "Brian A. Quinn".

Brian Quinn – MMWEC  
Director of Engineering and Generation  
Assets 327 Moody Street  
Ludlow, Ma. 01056

Cc: Edward Kaczinski, Jr., PE - Lead Project Consultant  
Nicholas Scobbo, Jr., Esq.  
Cosmo Buttaro – MassDEP NERO



# Acid Rain Permit Application

For more information, see instructions and 40 CFR 72.30 and 72.31.

This submission is: ☒ new ☐ revised ☐ for ARP permit renewal

## STEP 1

Identify the facility name,  
State, and plant (ORIS) code.

MMWEC Simple Cycle Gas Turbine	MA	63559
Facility (Source) Name	State	Plant Code

## STEP 2

Enter the unit ID# for every  
affected unit at the affected  
source in column "a."

a	b
Unit ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)
1	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes



**STEP 3**

**Read the standard requirements.**

**Permit Requirements**

- (1) The designated representative of each affected source and each affected unit at the source shall:
  - (i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in accordance with the deadlines specified in 40 CFR 72.30; and
  - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each affected source and each affected unit at the source shall:
  - (i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
  - (ii) Have an Acid Rain Permit.

**Monitoring Requirements**

- (1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the source or unit, as appropriate, with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

**Sulfur Dioxide Requirements**

- (1) The owners and operators of each source and each affected unit at the source shall:
  - (i) Hold allowances, as of the allowance transfer deadline, in the source's compliance account (after deductions under 40 CFR 73.34(c)), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the affected units at the source; and
  - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
  - (i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or
  - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

**Nitrogen Oxides Requirements**

The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.



# MMWEC Simple Cycle Gas Turbine

Facility (Source) Name (from STEP 1)

## STEP 3, Cont'd.

### Excess Emissions Requirements

- (1) The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an affected source that has excess emissions in any calendar year shall:
  - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
  - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

### Recordkeeping and Reporting Requirements

- (1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
  - (i) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
  - (ii) All emissions monitoring information, in accordance with 40 CFR part 75, provided that to the extent that 40 CFR part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
  - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,
  - (iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (2) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

### Liability

- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
- (6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit.
- (7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

**MMWEC Simple Cycle Gas Turbine**  
Facility (Source) Name (from STEP 1)

Acid Rain - Page 4

**STEP 3, Cont'd.**

**Effect on Other Authorities**

No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
- (2) Limiting the number of allowances a source can hold; provided, that the number of allowances held by the source shall not affect the source's obligation to comply with any other provisions of the Act;
- (3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;
- (4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- (5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

**STEP 4**

**Certification**

**Read the  
certification  
statement, sign,  
and date.**

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name <b>Brian Quinn</b>	
Signature <i>Brian Quinn</i>	Date <b>04/6/20</b>





## Instructions for the Acid Rain Program Permit Application

*The Acid Rain Program requires the designated representative to submit an Acid Rain permit application for each source with an affected unit. A complete Certificate of Representation must be received by EPA before the permit application is submitted to the Title V permitting authority. A complete Acid Rain permit application, once submitted, is binding on the owners and operators of the affected source and is enforceable in the absence of a permit until the Title V permitting authority either issues a permit to the source or disapproves the application.*

Please type or print. If assistance is needed, contact the Title V permitting authority.

**STEP 1** A Plant Code is a 4 or 5 digit number assigned by the Department of Energy's (DOE) Energy Information Administration (EIA) to facilities that generate electricity. For older facilities, "Plant Code" is synonymous with "ORISPL" and "Facility" codes. If the facility generates electricity but no Plant Code has been assigned, or if there is uncertainty regarding what the Plant Code is, send an email to the EIA. The email address is [EIA-860@eia.gov](mailto:EIA-860@eia.gov).

**STEP 2** In column "a," identify each unit at the facility by providing the appropriate unit identification number, consistent with the identifiers used in the Certificate of Representation and with submissions made to DOE and/or EIA. Do not list duct burners. For new units without identification numbers, owners and operators must assign identifiers consistent with EIA and DOE requirements. Each Acid Rain Program submission that includes the unit identification number(s) (e.g., Acid Rain permit applications, monitoring plans, quarterly reports, etc.) should reference those unit identification numbers in exactly the same way that they are referenced on the Certificate of Representation.

### Submission Deadlines

For new units, an initial Acid Rain permit application must be submitted to the Title V permitting authority 24 months before the date the unit commences operation. Acid Rain permit renewal applications must be submitted at least 6 months in advance of the expiration of the acid rain portion of a Title V permit, or such longer time as provided for under the Title V permitting authority's operating permits regulation.

### Submission Instructions

Submit this form to the appropriate Title V permitting authority. If you have questions regarding this form, contact your local, State, or EPA Regional Acid Rain contact, or call EPA's Clean Air Markets Hotline at (202) 343-9620.

### Paperwork Burden Estimate

The public reporting and record keeping burden for this collection of information is estimated to average 8 hours per response. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW., Washington, D.C. 20460. Include the OMB control number in any correspondence. **Do not send the completed form to this address.**





Commonwealth of Massachusetts  
Executive Office of Energy & Environmental Affairs

## Department of Environmental Protection

Northeast Regional Office • 205B Lowell Street, Wilmington MA 01887 • 978-694-3200

Charles D. Baker  
Governor

Karyn E. Polito  
Lieutenant Governor

Kathleen A. Theoharides  
Secretary

Martin Suuberg  
Commissioner

### DRAFT PHASE II ACID RAIN PERMIT

Issued by the Massachusetts Department of Environmental Protection ("MassDEP") pursuant to its authority under M.G.L. c. 111, §142A - §142K, 310 CMR 7.00 et seq., and in accordance with the provisions of 310 CMR 7.00: Appendix C(3)(n).

#### ISSUED TO ["the Permittee"]:

Massachusetts Municipal Wholesale Electric Company  
327 Moody Street  
Ludlow, MA 01056

#### INFORMATION RELIED UPON:

Phase II Permit Application

#### FACILITY NAME & LOCATION:

Massachusetts Municipal Wholesale Electric Company  
58 R Pulaski Street  
Peabody, MA 01960

#### FACILITY IDENTIFYING NOS.:

AQ ID NO: 1194026  
ORIS NO: 63559  
FMF FAC NO: 609784

#### DESIGNATED REPRESENTATIVE:

Name: Brian A. Quinn  
Title: Director of Engineering and Generation

**This Phase II Acid Rain Permit is in effect until the earlier of, August ?, 2025, or until such time as it is incorporated into the facility's Operating Permit. The Phase II Acid Rain Permit will renew with the Operating Permit.**

For the Massachusetts Department of Environmental Protection, Bureau of Air and Waste

\_\_\_\_\_  
Edward J. Braczyk  
Permit Chief

\_\_\_\_\_  
Date

**1) Statement of Basis:**

Statutory and Regulatory Authorities: In accordance with M.G.L. c. 111, §142A-§142K and Titles IV and V of the Clean Air Act, MassDEP issues this permit pursuant to 310 CMR 7.00: Appendix C(3)(n).

**2) SO<sub>2</sub> Allowance Allocations for Each Affected Unit:**

SO <sub>2</sub> Allowance Allocations						
Emission Unit	2020	2021	2022	2023	2024	2025
1	0	0	0	0	0	0

**3) Comments, Notes, and Justifications:** None.

**4) Additional Requirements:**

a. This permit does not relieve the Permittee of the responsibility to conduct, maintain and operate the regulated activity in compliance with all applicable requirements of any federal or state agency. Nothing in this permit shall relieve the Permittee of other obligations under applicable federal, state or local law.

b. This permit may be revoked, suspended, modified or transferred in accordance with applicable law.

c. Any document which is required to be submitted to the Department under this permit shall be signed by the designated representative or alternative designated representative as defined at 40 CFR Part 72-76 and 310 CMR 7.00: Appendix C.

**5) Permit Application:** Attached.