

Pittsfield Generating Operating Permit Renewal fact sheet

Applicant/Site: Pittsfield Generating Company LP
235 Merrill Road
Pittsfield, MA 01201

Background: The Pittsfield Generating Company LP is an electric power generation facility located at 235 Merrill Road in Pittsfield, Massachusetts. The facility is considered to be a major source since it has the **potential** to emit greater than 100 tons per year of sulfur dioxide, 50 tons per year of nitrogen oxides (NOx), 50 tons per year of volatile organic compounds and 100 tons per year of carbon monoxide, though **actual emissions** are much lower. A major source is subject to the Operating Permit and Compliance Program pursuant to 310 CMR 7.00: Appendix C and is required to obtain and maintain an Air Operating Permit. The main purpose of an Air Operating Permit is to gather the applicable air requirements for the facility into a single document. The facility obtained its first Operating Permit on September 3, 1999.

Facility: The facility primarily runs on high electricity demand days or days when the facility is necessary for grid stability (aka a “peaker” unit). This results in operating less than ten percent of the year. The facility consists of three General Electric Frame 6 6001B combustion turbines, known as Emission Unit 1, 2 and 3, emissions from which are minimized by steam injection and a selective catalytic reduction system. Each combustion turbine has a maximum heat input rate of 430.25 million Btu per hour and is exhausted to an associated Zurn heat recovery steam generator. The steam generated in the three heat recovery steam generators is combined to supply a single GE steam turbine. Emission Units 1, 2, and 3 burn natural gas or #2 fuel oil and operate in combined-cycle mode with a net total output of 165-megawatts. The three combustion turbines were initially approved by MassDEP Plan Approval #B-87-C-007 on June 30, 1989. The facility commenced commercial operation in 1990.

Operating Permit: An Operating Permit is a compilation of all air emission standards and control requirements in the federal and Massachusetts air quality regulations that apply to a facility. It **does not** impose any additional substantive requirements to control or reduce emissions. An operating permit may impose more stringent compliance assurance terms (e.g., monitoring and reporting) than the original preconstruction permits or emissions standards (See 310 CMR 7.00: Appendix C(3))¹, but cannot add new emissions limits. Under the Operating Permit program, in order for MassDEP to include any new emissions limits in the Operating Permit, those emissions limits would first need to go through the administrative and public process needed to establish that limit in a regulation or in a construction permit under MassDEP’s “new source review permitting programs” (310 CMR 7.02 and 310 CMR 7.00: Appendix A).

Process: A public hearing will be held virtually on December 7, 2021 on Zoom:
<https://us06web.zoom.us/j/86898930512?pwd=a2dxVEI4YWpWWnpTdHBaVVo3cG9mQT09>

Meeting ID: 868 9893 0512
Passcode: 515635
Telephone Dial-in: USA 713 353 7024 US Toll
USA 888 330 1716 US Toll-free
Conference code: 971116

¹ 310 CMR 7.00: Appendix C(3)(g)1. Each operating permit shall include all applicable requirements, including any emissions limitations and standards and any operational requirements, and shall cite to the legal authority for each requirement.

Instructions on how to find the online application are included below. Go the website listed below. It is the link to review all online permit applications in the state.
<https://eeaonline.eea.state.ma.us/EEA/PublicApp/>

Put the following information into the search:
In site name: Pittsfield Generating
Location city: Pittsfield

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And you will see:

	<div><div>Site Name/Park Name</div><div>Individual Licensee</div></div>	<div>Record Type</div>	<div>Category</div>	<div>Project Name</div>	<div>City</div>	<div>Application</div> <div>Date</div>
1	PITTSFIELD GENERATING C...	Operating Permit Renewal		Operating Permit Renewal	PITTSFIELD	04/19/2021
2	PITTSFIELD GENERATING C...	Operating Permit Authorization		Operating Permit	PITTSFIELD	01/07/2020

Click on Pittsfield Generating Company Operating Permit Renewal and you will see a list of documents that have been submitted as the application and supporting technical information. Item Number 2 is a false record created for the electronic permitting system and is not an actual authorization.