

## Berkshire County Sheriff's Office Jail fact sheet

**Applicant:** Berkshire County Sheriff's Office Jail  
467 Cheshire Road  
Pittsfield, MA

**Site:** Berkshire County Sheriff's Office Jail  
467 Cheshire Road  
Pittsfield, MA

**Background:** Berkshire County Sheriff's Office Jail is primarily a correctional institution. The facility currently utilizes two 600 kWe emergency diesel engines/generators to supply power at times when line power is not available.

**Proposed:** The facility is proposing to convert the classification of the engines from emergency to non-emergency so the engines can be enrolled in the ISO New England demand response power generation program. Demand response is a program through which customers reduce their electricity consumption in response to either high wholesale prices or system reliability risks. The engines will continue to be available for emergency operations but will also be available to operate in non-emergency operations for up to one hundred hours per year. It is anticipated that the engines will not actually operate much more than they currently do. This proposed change requires the submission of a Non-Major Comprehensive Plan prior to this conversion. Since the facility is located within a 1-mile radius of the facility, a PIP has been drafted and enhanced outreach will be performed.

The engines will have to meet modern Best Available Control Technology (often referred to as "BACT") which requires the lowest emitting equipment, which takes into account energy, environmental and economic impacts. The engines will also need to meet the federal requirements of 40 CFR 63 Subpart ZZZZ, which will require the installation of an oxidation catalyst. Due to the type of engines and the status as Emergency, there were no previous reporting requirements; however, the addition of the oxidation catalyst will reduce the previous emissions. Proposed emissions are:

Air Contaminant	Proposed Annual Emissions (tons/yr)
Nitrogen oxides (NOX)	1.36
Carbon monoxide (CO)	0.50
Particulate matter (PM/PM10/PM2.5)	0.08
Sulfur dioxide (SO2)	0.001
Volatile organic compounds (VOC)	0.20
Hazardous air pollutants (HAP)	0.002
Carbon dioxide (CO2)	104

This application will be reviewed by MassDEP staff to determine if the facility is employing Best Available Control Technology for this type of application. Once Best Available control technology has been determined, the review will then determine through modeling whether

the facility will have negative sound or emission impacts. If MassDEP finds that the application meets all requirements, it will issue a Draft Plan Approval for public comment.

Instructions on how to find the online application are included on the back of this fact sheet. 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: Berkshire County Sheriff's Office Jail  
Location city: Pittsfield

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And you will see the following:

 Site Name/Park Name 	Record Type 	Category 	Project Name 	City 	Application 	Date 
<b>1</b> <b>BERKSHIRE COUNTY SHERI...</b>	AQ02F	Application	Plan Approval Non-Major Comprehensive	PITTSFIELD	08/17/2022	

Click on the Site Name in bold to open the file.