

Environmental Justice (EJ) Fact Sheet: Massachusetts Municipal Wholesale Electric Company (MMWEC) Air Permit Application

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Peabody, MA

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Overview of the Massachusetts Municipal Wholesale Electric Company (MMWEC)

The Massachusetts Municipal Wholesale Electric Company (MMWEC) is a not-for-profit, public corporation that provides electric services and expertise to municipal utilities to optimize their energy resources. Nineteen Massachusetts municipal utilities are members of the MMWEC organization, and thirty are participants in MMWEC's Power Supply Projects.

MMWEC Facility Overview and Proposed Project

The MMWEC Facility is located in Peabody and is used as a capacity unit for Independent System Operator - MMWEC members. If there is an urgent major electrical grid upset or shortage, the purpose of this Facility is to provide electrical reliability to the electrical grid quickly (pursuant to M.G.L.c.164).

This facility consists of one existing 60-Mega Watt dual fuel-fired turbine, which is operated as a fast start reserve unit used for peak electrical hours or system emergencies related to the grid. The turbine has pollution control systems to control emissions. This unit was issued a Final Air Quality Plan Approval (NE-17-001) by the Massachusetts Department of Environmental Protection (MassDEP) on 9/30/2020 and began commercial operation on 1/12/2024.

MMWEC Air Permit Application

MassDEP issued the Non-Major Comprehensive Plan Approval to MMWEC on 09/30/2020, which provided approval for MMWEC to construct and operate this Facility.

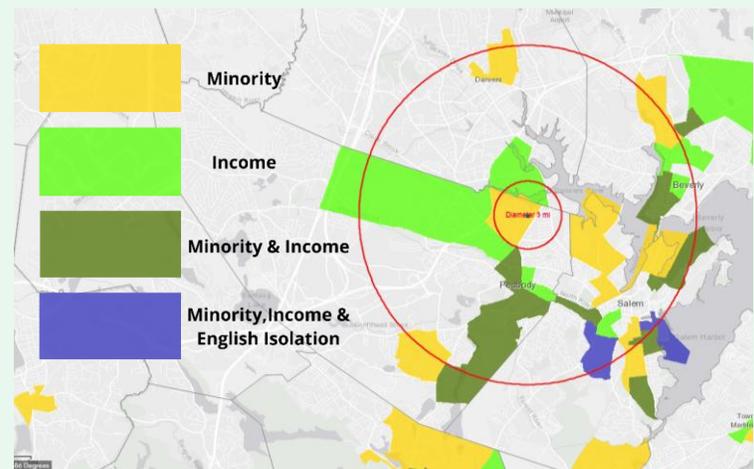
This new MMWEC Air Permit Application is to establish new start up and shutdown limits based on continuous compliance tests conducted at the Facility. This change in emission limits would increase nitrogen oxide and particulate matter start up emissions and decrease volatile organic compounds and carbon monoxide start up emissions. Overall, these changes will decrease the total air emissions of the facility.

Public Participation and Comments

MassDEP is currently reviewing this Permit Application, which can be found online at the MassDEP website:
<https://eeaonline.eea.state.ma.us/EEA/PublicApp/>
(use MS Edge browser; then search by "Massachusetts Municipal Wholesale Electric Company"). Please note that this Public Participation and Comment is limited to MMWEC's proposed start up and shutdown emission limits.

Any questions or comments to this Permit application should be directed to Kayla Clarke, Environmental Justice Program Coordinator, 150 Presidential Way, Woburn, MA or via email at Kayla.Clarke@mass.gov.

Environmental Justice (EJ) Community and Population Map



The above MassDEP's EJ Map Viewer image shows this facility location with a red line designating both the one-mile radius and the five-mile radius to nearby Environmental Justice (EJ) Populations. The EJ populations located within one and five miles of the facility are based on the EJ criteria of minority, income, and English language isolation.

EJ Communities were located using the Massachusetts Executive Office of Energy and Environmental Affairs (EEA) interactive mapping system: [Environmental Justice Populations in Massachusetts \(arcgis.com\)](https://arcgis.com). For more information on EJ, please see the MassDEP EJ Overview Fact Sheet (attached in this email).

Contact information for questions pertaining to EJ involvement:

Kayla Clarke, Program Coordinator,
Environmental Justice at
Kayla.Clarke@mass.gov



Date: September 29, 2025

Contact information for questions pertaining to the plan application:

Neelakshi Hudda, Environmental
Engineer, Bureau of Air and Waste at
Neelakshi.Hudda@mass.gov