

Portland Fire Department – Munjoy Hill Station Generator Upgrade

Project Description

The Portland Fire Department has applied for a FEMA Hazard Mitigation Grant to replace the existing generator at the Munjoy Hill Fire Station.

This project consists of replacing the existing oil-fired generator that is located in the basement of the Munjoy Hill Station with a 60 Kw natural gas generator to be located behind the building as shown on the Site Layout Plan. Additional work will include excavating and removing the existing 5,000 gallon underground oil storage tank located under the back parking lot in accordance with Maine DEP regulations.

The proposed generator will be mounted on a precast concrete pad and will also include a Quiet Site II Second Stage Sound Attenuated Enclosure. Refer to attachments for additional information on the generator and enclosure and anticipated sound levels. Electrical connections and generator sizing was completed by Tim Matthews, PE at Swiftcurrent Engineering Services, Inc. in Yarmouth, Maine.