

FOOTPRINT POWER SALEM HARBOR

FACT SHEET – January XX, 2021

Who they are:

Footprint Power (Footprint) is an existing power plant located at 24 Fort Avenue in Salem, Massachusetts. The facility has been operating since December 2017. The facility comprises two quick-start natural gas combustion turbine generators, heat recovery steam generators with selective catalytic reduction (SCR) and oxidation catalyst and reheat steam turbine generators. The quick-start combined cycle gas turbines allow the facility to provide 674 megawatts of power to the electric grid, with approximately half the power output available in 10 minutes.

What they manufacture:

Footprint combusts natural gas to produce electricity and supplies that electricity to the power grid serving New England.

Compliance History:

Footprint operates in compliance with its Comprehensive Plan Approval (CPA) and Prevention of Significant Deterioration (PSD) Permit. The original CPA and PSD permit were issued on January 30, 2014 for the construction and operation of the Salem facility. MassDEP issued an Approval of a Final Carbon Dioxide Budget Trading Program Emission Control Plan (ECP). The purpose of the ECP Approval is to set forth the methodologies for monitoring and reporting of carbon dioxide (CO₂) mass emissions and net electric generation, and the holding of CO₂ allowances for each of the two emission units at the facility under the state Carbon Dioxide Budget Trading Program regulation, 310 CMR 7.70. MassDEP issued a Final Phase II Acid Rain Permit to the Permittee on August 23, 2017. On January 5, 2018, Footprint submitted a revised Acid Rain Permit Application regarding changes in facility name, ORIS Code, unit identification numbers, and designated and alternate designated representatives for the Acid Rain Program. A Final Acid Rain Permit was issued on February 14, 2018. Footprint submitted an Administratively Complete Operating Permit Application (OPA) on January 4, 2019. The OPA is currently under review.

Proposed Project and Impact of this Activity:

Footprint submitted an air quality permit application to make five (5) specific changes to the facility's existing CPA and federal PSD. The changes to the CPA and PSD permit are administrative in nature and ensure that Footprint can operate the gas combustion turbines at their existing rated capacity under all ambient temperature conditions and minimize service disruptions and emissions during certain unplanned events. In addition, one change corrects a

mathematical formula contained in the permit and two (2) changes clarify existing permit conditions to ensure they accurately reflect the MassDEP Air Pollution Control Regulations. No physical modifications are proposed to any facility equipment. None of the proposed permit revisions result in an increase in potential emissions or changes any existing emission limit.

Public Involvement:

MassDEP is reviewing the Permit Application from Footprint and will consider public input in that process. Upon completion of the technical review of the proposed project, MassDEP will issue a proposed decision for 30-day public comment period.

Any questions or comments pertaining to the Footprint Power proposed permit should be directed to Edward J. Braczyk, Permit Chief, Bureau of Air and Waste at Edward.Braczyk@mass.gov.