



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Northeast Regional Office • 205B Lowell Street, Wilmington MA 01887 • 978-694-3200

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DATE STAMPED JUNE 21, 2017

Mr. Louis DiBerardinis
Director of EHS Office
Massachusetts Institute of Technology
N52-496
77 Massachusetts Avenue
Cambridge, MA 02139-4307

RE: **CAMBRIDGE**
Transmittal No.: X262144
Application No.: NE-15-018
Class: OP
FMF No. 314888; RO No. 314889

AIR QUALITY PLAN APPROVAL
310 CMR 7.02
Including Section 61 Findings

**PREVENTION OF
SIGNIFICANT DETERIORATION
PERMIT**
40 CFR 52.21

Dear Mr. DiBerardinis:

The Massachusetts Institute of Technology (MIT) has proposed its Combustion Turbine Expansion Project including the construction and operation of two (2) nominal 22 megawatt (MW) combustion turbine generators (CTG), each with an associated heat recovery steam generator (HRSG) equipped with duct firing capability and one 2 MW emergency engine as well as changes to the fuel use scenarios in five existing boilers. The proposed equipment will be located on Albany Street near MIT's existing Central Utility Plant at 59 Vassar Street in Cambridge, MA. Each CTG and its associated HRSG are a combined heat and power (CHP) system.

The Massachusetts Department of Environmental Protection (MassDEP), Bureau of Air and Waste, has reviewed MIT's Application, identified as Transmittal No. X262144, Application No. NE-15-018, and determined that the Application is administratively and technically complete. MassDEP hereby approves the construction and operation of the proposed Project,

This information is available in alternate format. Contact Michelle Waters-Ekanem, Director of Diversity/Civil Rights at 617-292-5751.
TTY# MassRelay Service 1-800-439-2370
MassDEP Website: www.mass.gov/dep

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subject to the conditions set forth in the attached documents. Enclosed please find the:
(1) Plan Approval; (2) Prevention of Significant Deterioration (PSD) Permit; (3) PSD Permit
Fact Sheet; and (4) Response to Public Comments. These documents can be accessed
electronically at: <http://www.mass.gov/eea/agencies/massdep/air/approvals/mit.html>

The Notice of Public Hearing and Public Comment Period (“Public Notice”), advising the public of availability of the Proposed CPA and Draft PSD Permit, was published in English in the *Boston Globe* on April 17, 2017 and in the *Cambridge Chronicle* on April 20, 2017, both newspapers of general circulation in proximity to the proposed new emission source noted above, in Portuguese in *OJornal* on April 21, 2017, in Spanish in *El Mundo* on April 20, 2017, in Chinese in *Sampan* on April 21, 2017, and in the April 19, 2017 issue of the *Environmental Monitor*. MassDEP sent copies of the Public Notice to a number of individuals and organizations as a notice method reasonably calculated to give actual notice of the proposed permits to persons potentially affected by the proposed project and to elicit public participation. Copies of the notice and the Proposed Plan Approval and Draft PSD Permit were available at the Department of Environmental Protection Metropolitan Boston/Northeast Regional Office at 205B Lowell Street, in Wilmington and appeared on the MassDEP website and on the MIT Project webpage at <https://powering.mit.edu>.

The required Public Comment Period commenced with the date of publication of the Public Notice. The Public Comment Period ended at 5:00 PM on May 23, 2017. The Public Hearing was held on Monday, May 22, 2017, officially commencing at 7:06 PM and ending at 7:23 PM, at MIT Building 4-270, 182 Memorial Drive (Rear), Cambridge, Massachusetts.

After the Public Hearing and the close of the Public Comment Period, MassDEP conducted a public comment review and responded to all significant comments raised during the public review process as summarized in the enclosed Response to Comments document. A copy of the Response to Comments document is also being sent to all individuals and organizations who participated in the public review process and provided his/her contact information.

Should you have any questions concerning this matter, please contact Edward Braczyk by telephone at (978) 694-3200, by email to edward.braczyk@state.ma.us or in writing at the letterhead address.

This final document copy is being provided to you electronically by the
Department of Environmental Protection. A signed copy of this document
is on file at the DEP office listed on the letterhead.

Sincerely,

Susan Ruch
Acting Permit Chief and
Deputy Regional Director
Bureau of Air and Waste

Edward J. Braczyk

MassDEP letter of June 21, 2017 to MIT
Re: Plan Approval and PSD Permit
Transmittal No. X262144 and Application No. NE-15-018
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Supervising Environmental Engineer

Enclosure: Communication for Non-English Speaking Parties

cc: A.J. Jablonowski, P.E., Epsilon Associates, 3 Mill & Main Place, Suite 250, Maynard, MA 01754
Seth Kinderman, MIT Plant Engineering Manager, MIT Central Utilities Plant - Bldg 42, 59 Vassar Street,
Cambridge, MA 02139-4308
Cambridge Mayor's Office, 795 Massachusetts Ave., 2nd Floor, Cambridge, MA 02139
Cambridge Board of Health, 119 Windsor Street, Ground level, Cambridge, MA 02139
Cambridge Fire Headquarters, 491 Broadway Street, Cambridge, MA 02138
Metropolitan Area Planning Council, 60 Temple Place, Boston, MA 02111
Deirdre Buckley, MEPA, Executive Office of Energy and Environmental Affairs, 100 Cambridge Street,
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John Ballam, Department of Energy Resources, 100 Cambridge Street, Suite 1020, Boston, MA 02114
United States Environmental Protection Agency (EPA) – New England Regional Office, 5 Post Office Square
Suite 100, Mail Code OEP05-2, Boston, Massachusetts 02109-3912
Attn: Air Permits Program Manager

ecc: EPA-New England: Donald Dahl
MIT: Zhanna Davidovitz
MassDEP/Boston: Yi Tian
MassDEP/WERO: Marc Simpson
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