

# WEST BOYLSTON MUNICIPAL LIGHTING PLANT

4 Crescent Street, West Boylston, Massachusetts 01583

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## Greenhouse Gas Emissions Standard

(a) To assist in ensuring that the commonwealth's greenhouse gas emissions goals are achieved the West Boylston Municipal Lighting Plant establishes a greenhouse gas emissions standard which shall be known as the "GGES."

(b) Subject to subsection (f) hereof, the GGES shall set the minimum percentage of non-carbon emitting energy sold to all retail end-user customers purchasing electricity pursuant to rates established pursuant to section 58 of chapter 164 as follows: (1) fifty percent by 2030; (2) seventy-five percent by 2040; and (3) net zero by 2050.

(c) In satisfying the minimum percentages set forth in subsection (b) hereof, WBMLP may either purchase or self-generate non-carbon emitting energy. Energy from resources using the types of technology set forth in subsection (d)(1) below, acquired via ownership interest or purchase pursuant to contracts shall qualify in calculating the minimum percentages contained in subsection (b) after the effective date of this act.

(d) For the purposes of this statute, "non- carbon emitting" shall be defined as:

- (1) energy from facilities using the following generation technologies, but only to the extent that any renewable energy credits, emission free energy certificates or other evidentiary non-carbon emitting documentation associated therewith have not been sold, retired, claimed or otherwise represented by another party as part of electrical energy output or sales or used to satisfy obligations in jurisdictions other than the commonwealth: (i) solar photovoltaic; (ii) solar thermal electric; (iii) hydroelectric, including imports into the New England wholesale electric market as administered by ISO New England Inc.; (iv) nuclear; (v) marine or hydrokinetic energy; (vi) geothermal energy; (vii) landfill methane; (viii) anaerobic digester gas; (ix) biomass fuel; (x) wind energy; and (xi) any other generation qualifying for Renewable Portfolio Standards under section 11F of chapter 25A or department of environmental protection's Clean Energy Standard regulation under 310 C.M.R. 7.75 ; or
- (2) generation that has net lifecycle GHG emissions, over a twenty-year life cycle, that yield at least a fifty percent reduction of greenhouse gas emissions per unit of useful energy relative to the lifecycle greenhouse gas emissions from the aggregate use of the operation of a new combined cycle natural gas electric generating facility using the most efficient commercially available technology as of the date of the statement of qualification application to the department of environmental protection for the portion of electricity delivered by the generation unit; or
- (3) clean energy credits such as renewable energy certificates, emission free energy certificates or other evidentiary non-carbon emitting documentation derived from each megawatt hour of generation from a resource, that are

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- produced, documented or classified in the NEPOOL GIS that have not otherwise been, nor will be, sold, retired, claimed or represented as part of electrical energy output or sales, or used to satisfy obligations in jurisdictions other than the commonwealth; or
- (4) generation from resources otherwise determined by the department to qualify as non -carbon emitting hereunder; or
  - (5) any combination of the foregoing.

(e) WBMLP shall file, using a form and by the date, specified by the department, demonstrating compliance with subsection (b) hereof. If WBMLP fails to comply with the requirements of subsection (b), it shall make a one-time alternative compliance payment, to be known as the “Municipal Lighting Plant ACP” for the year of non-compliance, and on the anniversary of each year that said non-compliance continues thereafter, in the amount 0.25 times the Renewable Portfolio Standard ACP set forth in the department’s regulations at 225 C.M.R. 14.00 et seq. per kilowatt hour based on the amount of such deficiency , escalated annually by the Consumer Price Index, but in no event shall said ACP exceed \$0.010 per kilowatt hour. Such Municipal Lighting Plant ACP shall be deposited into a fund which shall be maintained and administered by the municipal light plant and such fund shall be used by the municipal light plant to fund greenhouse gas emissions reduction and related programs in its service territory.

(f) WBMLP shall file a compliance status report with the Department one year prior to each established date as contained in subsection (b).

(g) Compliance with the foregoing subsections shall fully satisfy any and all current and future requirements regarding the commonwealth’s implementation of the Global Warming Solutions Act as might be applied to municipal lighting plants, including the provisions of chapter 21N of the general laws, as may be amended from time to time.

Voted “2” Approve “0” Disapprove, Date: February 4, 2020

Board of Light Commissioners:

Anthony Meola Jr, and William Smith