



310 CMR 60.05: Global Warming Solutions Act Requirements for Transportation

Overview

On August 11, 2017, the Massachusetts Department of Environmental Protection (MassDEP) published amendments to 310 CMR 60.05 *Global Warming Solutions Act Requirements for Transportation* to include requirements for the Massachusetts Department of Transportation (MassDOT) to meet enforceable limits on carbon dioxide (CO₂) emissions from the combustion of fuels in mobile equipment owned by MassDOT and the Massachusetts Bay Transportation Authority (MBTA) and of heating fuels at MassDOT and MBTA facilities. In addition, the regulation requires MassDOT to report on mass-based, annually declining aggregate targets on CO₂ emissions from Massachusetts' multimodal surface transportation system, including the highway and transit networks. This regulation establishes mass-based annually declining limits on GHG emissions.

Requirements

1. MassDOT is required to quantify and report aggregate MassDOT GHG emissions annually by March 1, to demonstrate whether MassDOT has achieved the limits for calendar years 2018, 2019 and 2020 in Table 310 CMR 60.05(6); and
2. MassDOT is required to quantify and report aggregate transportation GHG emissions annually by July 1 to demonstrate whether the targets for calendar years 2018, 2019 and 2020 in 310 CMR 60.05(7) have been met.

Changes to the Proposal

Changes in 310 CMR 60.05 from the proposal to final include:

- For improved clarity, deleted the word "transportation" from the title of the defined term "Aggregate MassDOT ~~transportation~~ GHG emissions," since the term actually covers heating fuels at stationary facilities, in addition to transportation.
- Added inadvertently omitted reference in 310 CMR 60.05(4)(b), indicating that 2018 is the first calendar year that quantification and reporting requirements of 310 CMR 60.05(7) are in effect.
- In response to MassDOT comment, increased the enforceable declining limits in Table 310 CMR 60.05(6) to account for:
 - underestimated natural gas usage in MassDOT buildings (0.001 million metric tons CO₂e)
 - added operation of Silver Line Gateway by 2020 (0.003 MMTCO₂e)
- In response to public comment, added examples of "supplemental measures" in 310 CMR 60.05(6)(b).

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