



NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS

Commercial Lighting Measure Persistence Study

Completed Regional EM&V Forum Project

Commercial Lighting Measure Persistence Study



Completed Regional EM&V Forum Project

The study was finished in June 2011.

A primary driver was the need for lighting measure lives for use in submitting demand resources into the ISO-NE Forward Capacity Market.

Provides estimates of measure lifetimes for LED exit signs, HID fixtures, and T8 fixtures installed by C&I lighting programs in New England and New York, based on primary research.

Determined the expected operating lives (in hours) for the same equipment categories based on secondary data.

Commercial Lighting Measure Persistence Study



Completed Regional EM&V Forum Project

- The effective useful life for each measure was found to be:
 - CFL Bulb = 5.1 years
 - CFL Fixture = 7.0 years
 - HID = 9.1 years
 - LED Exit Signs = 21.9 years
 - T8 Fixtures = 16.2 years
- Disaggregated results were provided for large and small C&I, high and low hours of use (HOU), and three categories of building types.
- Project data is available from NEEP upon request. Please contact [Cecily McChalicher](#).

Access the [Commercial Lighting Measure Persistence Study Final Report](#)