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.
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- 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