

**ARCHITECTURAL ENERGY**  
CORPORATION  
*Integrated Engineered Solutions*

## Environmental Protection Agency's New England Regional Laboratory/Office

Chelmsford, Massachusetts



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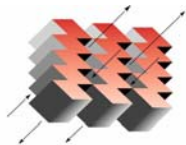
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As a concrete demonstration of its commitment to environmental quality, the U.S. Environmental Protection Agency (EPA) included energy efficiency and sustainable design as key design goals for its New England Regional Laboratory in Chelmsford, Massachusetts. The U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) pilot rating scheme was used to guide the identification and selection of sustainable design features. A LEED Gold rating was achieved through an integrated design which includes high performance glazings; an innovative window shading-photovoltaic system; daylighting; high efficiency electrical lighting and mechanical systems; water efficient appliances; and low environmental impact materials, products and systems. The EPA Laboratory is also a winner of the Government Service Administration (GSA) Environmental Award.

# Project Information: Environmental Protection Agency's New England Regional Laboratory/Office

Project Type	Laboratory/Office Building
Client	U.S. Environmental Protection Agency Chelmsford, Massachusetts
Design/Build Team	<i>Architects:</i> Bernard Johnson Young Rockville, Maryland  <i>Energy/Daylighting/Sustainable Design Consultant:</i> Architectural Energy Corporation Boulder, Colorado
Size	66,230 ft <sup>2</sup>
Location	Chelmsford, Massachusetts
Cost	\$22.2 Million
Year Constructed / Occupied	2001 / 2002
Sustainable Design Features	LEED v. 1 Gold Rating awarded  Planning for a sustainable site, improving energy efficiency, conserving material and resources, enhancing indoor environmental quality, and safeguarding water were all carefully researched and implemented in the building design and construction.



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