

# McLean Environmental Living and Learning Center

## Project Overview

This 40,000-square foot student-housing complex is used in curriculum for 114 residents learning about energy performance, materials, building life cycles and sustainability. Computers monitor the building's renewable systems-a 20-kilowatt Jacobs Wind Turbine, a solar domestic hot water system, and three photovoltaic panels. LHB designed and specified systems and materials and involved students in throughout the design process. Features include: operable windows instead of air conditioning and using products such as linoleum and low VOC finishes ensured exceptional indoor air quality, which is being monitored. Low-flow showers and toilet fixtures and composting toilets, high efficiency gas boilers and light fixtures were installed, reducing resource consumption. Resource efficiency was addressed with recycled content materials, biocomposite counter surfaces, low maintenance masonry, and regionally harvested wood.

**Location:**

Northland College  
Ashland Wisconsin  
United States

**Submitting Architect:**

LHB Engineers & Architects

**Joint Venture or Associate Architect:**

HGA

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