

Rhode Island Commercial Energy Code Trainings



The Richard E. Beaupre Center for Chemical & Forensic Sciences



WHEN	Wednesday, August 24, 2016	
WHERE	140 Flagg Road Kingston, RI 02881	
TIMES	1st Tour	1:00-2:00pm
	Training Session	2:00-3:00pm
	2nd Tour	5:30-6:30pm
COST	Free	
SITE INFO	Parking lot located on the south side of the building accessed via West Alumni Avenue	

DESCRIPTION

The University of Rhode Island New Chemistry Building is a 134,623 square foot facility, designed to achieve a USGBC LEED v3.0 Silver certification minimum with a predicted Energy Use Intensity (EUI) of 202 kBtu/sf/yr. This anticipated energy usage compares to a regional average of existing similar building types measuring approximately 397 kBtu/sf/yr. Based on this measure, this project is expected to use 49% less energy than comparable existing buildings, and is projecting a savings of 20% over the minimum energy code for new buildings.

Some of the energy efficiency measures that were incorporated into this building design to help achieve this predicted EUI include: high performance building enclosure with improved thermal envelope and high efficiency glazing, high efficiency centrifugal chillers, occupancy setback, automatic lighting controls, reduced interior lighting power densities, VAV and chilled beams for lab & office spaces, high efficiency condensing boilers, demand control ventilation, and energy recovery. The building connects to the existing campus steam plant.

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