

Rhode Island Commercial Energy Code Trainings



Brown University School of Engineering Building



WHAT	Tour of Brown University New School of Engineering Building
WHEN	Thursday, December 14, 2017
WHERE	345 Brook Street Providence, RI 02903
TIMES	5:30-6:30pm
COST	Free
SITE INFO	Street parking only.

DESCRIPTION

Brown University is scheduled to open its new state-of-the-art School of Engineering Building in January of 2018. This five-story 80,000 square foot facility, was designed to achieve a USGBC LEED v3.0 Silver certification minimum with a predicted Energy Use Intensity (EUI) of 178.94 kBTU/sf/yr. The 2012 IECC Standard Reference Baseline shows the EUI measuring approximately 217.28 kBTU/sf/yr. This anticipated energy usage, illustrates a 17.6% energy savings 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, automatic lighting controls, reduced interior lighting power densities, airside heat recovery and economizer, VAV and chilled beams for lab & office spaces, and high efficiency condensing boilers for summer usage. The building connects to the existing high temperature hot water central boiler plant and an existing chiller plant steam plant.

To register, please visit
<https://uri-chem-tour2.eventbrite.com>

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