

# Property Energy Plan (PEP): CCM Building

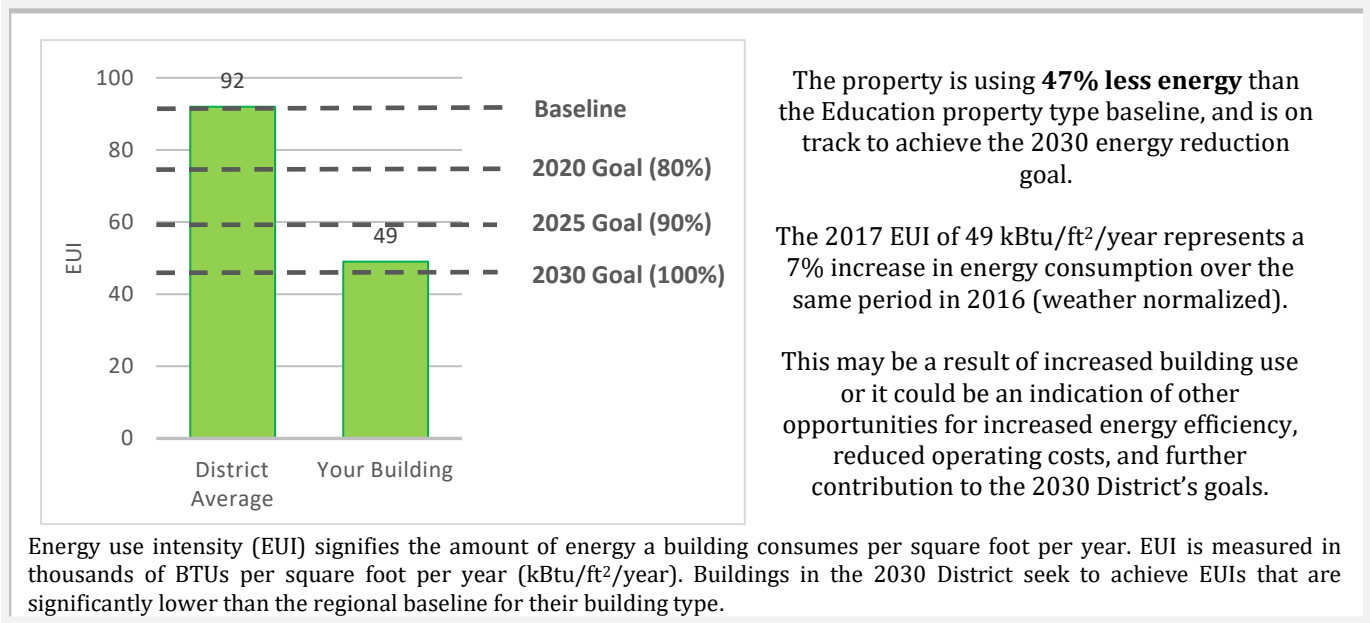
## PROPERTY SNAPSHOT

Owner: Champlain College  
 Address: 375 Maple Street  
 Square footage: 87,187 (excluding parking)  
 Building use: College / University  
 Year constructed: 2015  
 2017 Site EUI: 49

## PROPERTY OVERVIEW

The CCM Building is a four-story building located on the Champlain College campus along Maple Street. Part of a 2015 addition to the existing Hauke Center and Alumni Auditorium, the Division of Communication and Creative Media building provides faculty offices and classrooms, video game and graphic design labs, studio spaces, a sound filmmaking and broadcast media production stage, art gallery and a collaborative media hub.

## PROPERTY ENERGY REPORT



## BUILDING OWNER SURVEY FINDINGS

### Strengths

1. Geothermal heat pump and energy recovery system for central heating and cooling
2. Actively managed building automation system (BAS) and lighting control system
3. Nighttime setbacks and schedules implemented
4. Demand controlled ventilation

### Opportunities

1. Commission geothermal heat pump and energy recovery system to ensure optimal performance
2. Retro-commission BAS to verify sensor accuracy and review historical trend logs
3. Independently verify the performance of the lighting controls system to ensure proper functionality
4. Resolve reporting issues for energy management platform to better understand usage and impacts
5. Offset up to 20% of the property's energy consumption using renewable energy sources<sup>1</sup>

<sup>1</sup> There is no limit to how much energy use can be offset with renewable energy sources. However, the 2030 Challenge only gives credit for 20% of total energy usage reductions from renewable energy generation.

## NEXT STEPS FOR YOUR PROPERTY

**Schedule a follow-up meeting** with Jake Yanulavich ([jyanulavich@burlingtonelectric.com](mailto:jyanulavich@burlingtonelectric.com)). A copy of your PEP can be shared with BED to inform their plan for their walkthrough.

**Engage with** the Burlington 2030 District Director team to get recommendations for local service providers for relevant equipment and technologies.

**Consider sharing this report** with other Burlington 2030 District members. By default, all benchmarking report contents are confidential.

**Visit** <http://www.2030districts.org/burlington> to obtain helpful resources for reducing energy use.

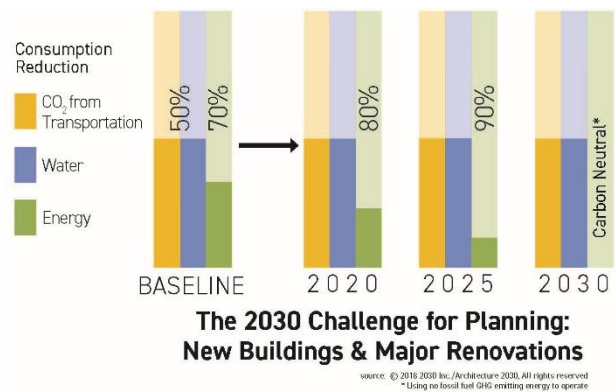
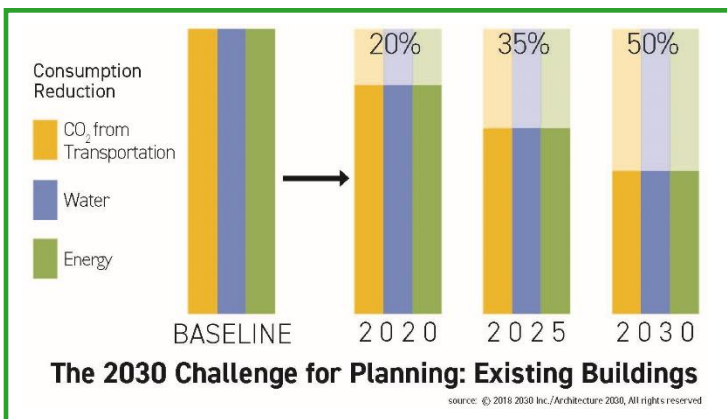
**Attend** an upcoming Burlington 2030 District Steering Committee meeting or educational event.

**Look for developments** in assessments of water use and carbon dioxide emissions from transportation, as the Burlington 2030 District expands its scope.

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## 2030 CHALLENGE GOALS



Questions? Contact Gretchen Schimelpfenig at 802.861.2715 x16

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This analysis used building information supplied by the owner and energy use data supplied by participating utilities.