

Project: Clements Green – UBC Campus, 6268 Eagles Drive, Vancouver, BC
Client: UBC Properties Trust, Vancouver, BC



Project Description:

Clement's Green is an innovative, four-storey, 74,400 sq. ft., 55-unit residential condominium development undertaken by and for staff and faculty at the University of British Columbia. It was the first green building on the UBC Campus. Completed Aug 2006

Sustainability Rating:

REAP Silver

Sustainable Design Highlights:

Exemplary energy performance including use of geothermal energy for hot water; water efficiency measures, water efficient fixtures and rainwater sensors on landscape irrigation.

Enerpro *iEMS* :

Boiler room control system and DHW metering. Enerpro monitors and controls boiler room operation. DHW temperature is controlled based on building profile. Temperature setpoints for Geothermal and boiler loop are set to optimize energy usage.

Energy Savings:

3 Year Results:

GAS CONSUMPTION REDUCED: 36%

GHG REDUCED: 116 TONS

DHW CONSUMPTION: 54% (below the national average) *

DHW ENERGY CONSUMPTION (geothermal & boiler) reduced: 66%

**DHW consumption is compared to a national average of 344 litres per day of water of which 40-45% is hot water. This building's consumption is 54% below that.*