

Completed Sustainable Projects

Year Completed	Building	Project Description
2010	I High Street	ECO House - Installed new baseboard and programmable thermostats for energy efficiency and occupancy comfort
	I High Street	ECO House - Added cellulose insulation in walls and attice to make the building tighter for energy efficiency
	I High Street	ECO House - Retrofitted existing incandescent lighting with new energy efficient compact fluorescent lights
	I High Street	ECO House - Installed dual flush toilets for water conservation
	I High Street	ECO House - Installed 1.5 GPM showerheads for energy savings in hot water
	I High Street	ECO House - Installed new energy efficient Marathon hot water heater for energy savings in hot water and electricity
	I High Street	ECO House - Installed solar hot water collectors on roof for energy savings in hot water
	14 Merrill	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building.
	16 Merrill	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building.
	Bagley House	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building.
	Boyd Hall	Retro commissioned building to improve in efficiency, occupancy comfort and savings of utilities.
	Campus - General	Installed daylighting sensors in some academic buildings for energy savings.
	Campus - General	Installed occupancy sensors in some academic building bathrooms for energy savings.
	Carrigan (67 - 72)	New roof installed
	Center for Young Children & Families	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building.
	Counseling Center	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building.
	Draper Maynard	Installed two (2) VFD's on AHU6 Supply and Return Fan for building efficiency and occupancy comfort.
	Draper Maynard	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building. Installed occupancy sensors in some academic building bathrooms for energy savings. Installed occupancy sensors in offices/bathrooms for energy savings.
	Ellen Reed House	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building.
	Grafton Hall	The old 600 gallon tank domestic hot water was replaced with a more energy efficient semi-instantaneous hot water unit.
	Hartman Union Building	Installed 5 VFD's on AHU's Return Fans for building efficiency and 2 VFD's on Multi Purpose Room for occupancy comfort and efficiency.
	Hartman Union Building	Installed 6 VFD's on AHU's for the courtroom units and Passway unit.
	Holmes House	New roof installed

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2010	Holmes House	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building.
	Human Resources	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building.
	Hyde Hall	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building
	Hyde Hall	Installed occupancy/daylighting sensors in offices and occupancy sensors in bathrooms for energy savings.
	Memorial Hall	Installed occupancy sensors in bathrooms for energy savings.
	Moosilaukee (31 - 42)	The old 600 gallon tank domestic hot water was replaced with a more energy efficient semi-instantaneous hot water unit.
	North Kinsman (103 - 116)	The old 600 gallon tank domestic hot water was replaced with a more energy efficient semi-instantaneous hot water unit.
	Rounds Hall	Installed occupancy sensors in bathrooms for energy savings.
	Russell House	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building.
	Silver Center	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building. Installed occupancy sensors in some academic building bathrooms for energy savings. Installed occupancy sensors in offices/bathrooms for energy savings.
	Silver Center	Installed 8 VFD's on 4 Air Handling units.
	Smith Hall	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building
	Speare Hall	Installed a VFD on AHUI Return Fan and VMA controllers for building efficiency and occupancy comfort.
	Speare Hall	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building. Installed occupancy sensors in some academic building bathrooms for energy savings. Installed occupancy sensors in offices/bathrooms for energy savings.
University Police	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts throughout the building.	
2011	14 Merrill	Performed in-house Energy Audit; renovations for Nursing program includes audit recommendations: install new energy efficient propane boiler, new windows, add insulation in attic from R-24 to R-36 to reduce heat loss, removed 30 gallon domestic hot water tank and installed 5 GPM instantaneous domestic hot water tank
	Campus - General	Change all vendor machines to new 5800 series so that they are energy star rated and to be completed within two years.
	Cannon (85 - 90)	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
	Draper Maynard	Installed two (2) VFD's on AHU4 Supply and Return Fan for building efficiency and occupancy comfort.
	Gale Head (157 - 166)	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.

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2011	Gale Head (157 - 166)	The old 600 gallon tank domestic hot water was replaced with a more energy efficient semiinstantaneous hot water unit.
	Hartman Union Building	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building
	Highland Hall	Roof replacement with additional insulation (minimum R-30 of insulation)
	Moriah (49 - 54)	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
	P.E. Center	Replacement of metal halide fixtures with energy efficient lighting T5 lamps and electronic ballasts in Gym.
	Passconaway (73 - 78)	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
	Passconaway (73 - 78)	Installed an energy efficient variable frequency magna Grundfos pump for savings on electrical and heating fuel.
	President's House	Replace heating system with individual controls for energy efficiency and occupancy comfort
	Speare Hall	Installed a VFD on RTU1 Supply Fan and VMA controllers for building efficiency and occupancy comfort.
	Waumbek (43 - 48)	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
2012	I High Street	Installed 4 wireless thermostats to control the heating in building for energy efficiency and savings
	BFA Art Studio	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
	Bondcliff (135 - 146)	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
	Boyd Hall	Install motion sensor and daylight sensor for hallways and stairwells throughout the building
	Campus - General	upgrade of energy management system - phase 4
	Campus - General	All Residential Halls - implement recycling containers
	Centre Lodge	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
	Hyde Hall	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts in hallways and stairways.
	Hyde Hall	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts in 2nd floor classrooms and offices.
	Hyde Hall	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts in 3rd floor classrooms and offices.
Moosilaukee (31 - 42)	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.	
NonTrad StApt Total Complex	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building	
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2012	North Kinsman (103 - 116)	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
	North Twin (117 - 128)	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
	Pemigewasset Hall	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building
	President's House	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
	Prospect Dining Hall	Domestic hot water tank was replaced with a more energy efficient semi-instantaneous hot water unit.
	Prospect Dining Hall	Install motion sensors in bathrooms, offices, storage areas and main entrance
	Robert Frost House	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
	Tecumseh (55 - 60)	Individual electrical metering installed in order to be able to better measure electrical consumption in the future.
2013	Belknap Hall	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building
	Draper Maynard	Installed LED Flood lights in the Art Gallery for a savings on electricity and maintenance
	Ellen Reed House	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building
	Hyde Hall	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts in 4th floor classrooms and offices.
	Robert Frost House	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building
	Rounds Hall	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building
	Rounds Hall	As part of the basement renovation - installed a ductless variable refrigerant flow system which moves refrigerant to the zone to be heated or cooled, allowing the temperature of that area to be more precisely controlled. The vrf system will save on electricity and heating for the basement
	Russell House	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building
	Silver Center	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building
	Silver Center	Installed LED Flood lights in lobby for a savings on electricity and maintenance
2014	Speare Hall	Steam metered to help troubleshoot and improve the efficiency of the heating system of the building
	Campus - General	Converted campus fuel usage from #6 fuel oil to Compress Natural Gas for financial savings and reduce our carbon footprint
	Co-Gen	Replacement of fixtures w/ T12 lamps with energy efficient lighting T8 lamps and electronic ballasts
	Co-Gen	Replaced three boilers fronts with dual fueled burner fronts with controls for energy savings
	Hyde Hall	Repleace lecture hall (Room 120 and 220) lighting with LED light fixtures and lighting controls for energy savings