

**Champlain College Green Revolving Fund  
Annual Report 2020-2021**



Initiated in 2013, the [Champlain College Green Revolving Fund](#) (GRF) is an investment fund that finances energy efficiency, renewable energy and other sustainability projects on campus. The Fund provides capital for special projects conducted by Physical Plant that reduces environmental impact and can repay the fund with cost-savings within five to ten years. A portion of these savings are used to support a subsidiary Green Community Fund that finances smaller community-led sustainability projects which may lack monetary savings but are in clear alignment with Champlain College's sustainability objectives.

**Green Revolving Fund Committee members:**

Christina Erickson (Staff, Center for Service & Sustainability), Tim Van Woert (Staff, Physical Plant), Nic Anderson (Staff, Transportation/Auxiliary Services), Matthew Annis (Staff, Finance), Regina Farrell (Staff, Advancement) Lindsey Godwin (Faculty, SSB), Robin Collins (Faculty, ITS), Nicole Morris (Faculty, SSB), Cecilia Pohlar '21

**Committee's Charge:** to advise and manage the College's [Green Revolving Fund](#), an investment fund that finances energy efficiency, renewable energy, and other sustainability projects on campus.

**Green Revolving Fund Projects funded in 2020-2021**

The funding for these projects are a loan and will be paid back, as detailed in the [GRF guiding document](#).

Project	Who	When	Description	Amount Granted	Expenses to date	Estimated KWH Saved/Year
Summit Hall lighting retrofit	Physical Plant	Spring 2021	One:One LED replacements +install	\$7,841.38	\$7841.38	18,020
Rowell Hall lighting retrofit	Physical Plant	Spring 2021	One:One LED replacements +install	\$6,071.38	\$6,071.38	11,746


396 Main Lighting retrofit	Physical Plant	Spring 2021	One:One LED replacements (bulbs only, install done in house)	\$2,016.38	2,016.38	10,385
Subtotal					\$15,929.14	40,151 KwH

### Community Fund projects funded in 2020-201

The funding for these projects are a grant and do not need to be paid back, as detailed in the [GRF guiding document](#).

Project	Who	When	Description	Amount Granted	Expenses to date
Pollinator Garden and Apiary directional signage	Nic Anderson/Auxiliary Services	Summer 2021	Installation of student-initiated project from prior year	\$2,480	\$2,480
Electrification of leaf blowers	Physical Plant	Spring 2021	Covered 50% of two electric leaf blowers (responding to new City of Burlington ordinance banning gas powered leaf blowers)	\$1,604	\$1,604
Compost Design Challenge Prize	Robin Collins/Cecilia Pohlar	Spring 2021	Prize for <a href="#">design challenge</a> related to upcoming compost changes	\$200	\$200
Subtotal					\$4,284
TOTAL					<b>\$20,213.14</b>
Income (Burlington Electric rebates, etc.)					\$472

Loan repayments from Physical Plant projects	\$4,201.12
Remaining in GRF as of 10/4/21, according to GRITS tracking tool	<b>\$66,878</b>



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### Key Financial Metrics

<p><b>Total Fund Value</b> <small>TOTAL FUND VALUE</small></p> <p><b>\$ 111,479</b></p> <p><b>Currently Invested</b> <small>CURRENTLY INVESTED</small></p> <p><b>\$ 44,601</b></p>	<p><b>Available Balance</b> <small>ACTUAL AMOUNT</small></p> <p><b>\$ 66,878</b></p> <p><small>CURRENT PROJECTION</small></p> <p><b>\$ 72,063</b></p> <p><small>END OF FISCAL YEAR PROJECTION</small></p> <p><b>\$ 79,086</b></p>	<p><b>Invested and Saved</b> <small>GREEN REVOLVING FUND</small></p> <div style="background-color: #4CAF50; color: white; padding: 5px; margin-bottom: 5px;">Invested: \$ 61,299</div> <div style="background-color: #38761d; color: white; padding: 5px;">Saved: \$ 21,883</div>
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### Fund Performance

<small>NUMBER OF PROJECTS FUNDED TO DATE</small> <b>7 / 0</b>	<small>MEDIAN ANNUAL ROI</small> <b>0.76%</b>	<small>MEDIAN PAYBACK PERIOD (YEARS)</small> <b>9.29</b>	<small>MEDIAN UNIT COST PER MTCO<sub>2</sub>E ABATED</small> <b>\$ 306.28</b>	<small>WATER REDUCED TO DATE (GAL)</small> <b>0</b>	<small>ABATED CARBON EQUIVALENT EMISSIONS (MTCO<sub>2</sub>E) TO DATE</small> <b>67</b>	<small>ENERGY REDUCED TO DATE (MMBTU)</small> <b>533</b>
<small>WASTE REDUCED TO DATE (LBS)</small> <b>0</b>						

Screenshot from GRITS - 10/12/21