

Green Revolving Fund

2022-23 Report



2022-23 GRF PROJECTS



Continuation of summer heat plant shutdown project

This project includes upgrades to domestic hot water and heating systems in the Lamb-Miller Fieldhouse, Parrish Hall, Science Center, McCabe Library and Lang Music Building that enable us to shut down the steam plant in the summer. In the past, we've had to keep the plant running year round in order to serve some small needs in these campus buildings, which wastes a significant amount of energy. This work is also a necessary component of the implementation of the To Zero by Thirty-Five energy plan.

\$191,372 spent in FY 22-23 out of \$717,592 total project cost

Expected payback period: 10.2 years

Project implementation has been completed but time is needed to collect enough data to calculate annual energy and cost savings.

Conserving funding for Kohlberg LED Lighting Upgrade in FY25

Kohlberg has significant deferred maintenance needs, including an estimated \$1.3 million project to upgrade lighting to LED. Because of the significant energy and cost savings expected from a project like this, the GRF task force has decided to conserve funding in FY24 to provide funding to this project at the end of FY25.

Summary statistics (excludes still in-progress projects):

Total funds provided to energy efficiency projects since inception of fund: \$1,721,927

Total metric tons of CO₂e saved to date: 3,574 MTCO₂e

Projected lifetime emissions savings: 18,457 MTCO₂e

Total cost savings to date: \$225,497