

State Energy Efficiency Loan Fund Report

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Purpose of the Energy Efficiency Loan Fund

The State Facility Energy Efficiency Fund (SFEEF) was established in fiscal year 2008 to provide State agencies and institutions with the ability to borrow money to complete energy efficiency improvement projects.

Repayment of the loan is achieved by capturing cost savings from reduced energy use and demand and by capturing utility incentives.

Borrowed funds are paid back into the SFEEF so that it can be lent out again.

Loan Fund Status Overview

Total fund value:

\$2,682,892.79

Currently available (projects cost minus payback recovered):

\$1,290,285.42

Number of active projects:

9 active, 2 in development

Project Specific Information

Project	Loan Amount
USU Lighting Upgrade in 7 BLDGs	\$ 259,421.00
USU Various Lighting Upgrades	\$ 460,000.00
SLCC Jordan campus CHP Upgrade	\$ 499,142.07
Mattheson Courthouse Lighting Project	\$ 266,059.77
State Mail Lighting Project	\$ 13,923.41
Tax Commission Warehouse Project Lighting	\$ 18,974.15
Cal Rampton Lighting Project	\$ 420,000.00
Bountiful ABC Store #8 Lighting	\$ 60,569.20

Projects getting scoped:

1) Evaporative Cooling Add to Cannon Health Air Handlers

Projected loan amount: \$125,000

Projected annual energy savings: \$14,705

Simple Payback: 8.5 years

2) Bridgerland Tech Power Factor Mitigation

Scoping in Progress

Project that completed the payback period in past year.

Snow College Humanities Building Recommissioning

- Project cost: \$86,487
- Savings achieved: \$23,800 (= 184,500 kWh and 10,150 DTH)
- Payback: 3.6 years
- Recommissioning study found that the HVAC system was running 24/7 and had excessive cycling between heating and cooling. The project updated the building automation control system including updating operating sequences and was completed in fall 2017.