

# Financing your Energy Efficiency Projects with the Division of Energy's *Energy Loan Program*



Department of Economic Development



# Energy Loan Program History

---

Since the Energy Loan Program's inception in 1989, the Division of Energy has awarded more than 612 loans resulting in more than \$114 million in completed energy efficiency projects and more than \$199 million in estimated cumulative energy savings.

# Purpose

---

- Help fund energy efficiency improvements for:
  - Schools (K-12, universities, public & private not-for-profit)
  - Hospitals (public & private not-for-profit)
  - Local governments
  - Local government/public owned airport facilities (municipal, county, regional, and international)
  - Public water and wastewater treatment facilities
- Help finance upgrades on new construction encouraging energy efficiency design
- Help finance renewable energy projects

# Application

---

- Application process is user friendly
  - √ *Online Excel Spreadsheet Application*
- Simple projects such as lighting upgrades can be documented with worksheets in the application
- Energy audit calculations and reports are acceptable

# Project Examples

---

- Lighting
- HVAC
- Boiler upgrades
- Chiller upgrades
- Renewable energy projects
- Process Equipment
- Insulation upgrades
- Compressed Natural Gas Fleet
- Combined Heat and Power

# Open Cycle

---

- **How much can you apply for?**

- Typically \$10,000 - \$1 million
- Projects greater than \$1 million will be considered if funds remain

## **How much can you be approved for?**

- The project cost or  $8.6 \times$  Energy Cost Savings, whichever is lower

# Typical Loan Cycle Timeline

Division of Energy  
**Energy Loan Program**  
 Low-Interest Loans for Energy Efficiency Projects



# Benefits

---

- Low-interest loans compare favorably to bonds or commercial loans
- Increased occupant comfort
- Free up your tax dollars for other essential services
- Expedite capital improvements
- Create jobs in your community

# Reimbursement and Loan Repayment

---

- Once the project is complete, recipients submit their Reimbursement Request, Final Project Cost Report, invoices, and canceled checks to the Division Energy for review and reimbursement
- The first payment is typically due 120 days from the date of reimbursement and loan recipients repay the Division of Energy in semi-annual payments
- Loans are repaid from the savings that are generated by the energy-efficiency projects

# FY2012 Project: Harrisonville Wastewater Treatment Plant

- **Loan Amount:** \$380,000
- **Project:** Lights, pumps, blower
- **Est. Annual Savings:** \$42,800
- **Loan Repayment:** 10 years



# FY2013 Project: Ozark Medical Center

- **Loan Amount:** \$2,340,000
- **Project:** Hot water boiler improvement, chiller replacement, steam boiler replacement, lighting upgrades, domestic hot water upgrades
- **Est. Annual Savings:** \$267,700
- **Loan Repayment:** 10 years



## EMERGENCY LOAN

# FY2015 Project: Orrick R-XI School District

- **Loan Amount:** \$358,250
- **Project:** HVAC System
- **Est. Annual Savings:** \$39,691
- **Loan Repayment:** 10 years



# FY2015 Project: City of Canton

- **Loan Amount:** \$20,073
- **Project:** Lighting upgrades, Window upgrades
- **Est. Annual Savings:** \$2,299
- **Loan Repayment:** 10 years



# For More Information

---

Visit our website:

<http://energyloan.mo.gov/>

## Contact Information:

**Rob Mock**

Administrative Manager  
(573) 751-5955  
Rob.Mock@ded.mo.gov

**Tracy Parker**

Loan Program Clerk  
(573) 526-9544  
Tracy.Parker@ded.mo.gov

**Dan Dahler**

Project Manager  
(573) 522-3371  
Daniel.Dahler@ded.mo.gov

**Ron Seyl**

Project Manager  
(573) 526-4623  
Ronald.Seyl@ded.mo.gov