

Annual Report

Senate Institutions  
Committee

# State Energy Management Program

# FY2017 Results

- 12 Projects
- Partnerships with Agencies, Public Utilities
- FY2017 Savings:
  - **\$151,184**
  - 5.75 GWh
  - 9,609 MMBTU

# FY2018 Projections

- 11 Projects
- Partnerships with Agencies, Public Utilities
- Projected FY2018 Savings:
  - **\$286,710**
  - 6.77 GWh
  - 3,130 MMBTU

# Funding Sources

## State Resource Management Revolving Fund (SRMRF)


| Total Value                   | \$1,500,000 |
|-------------------------------|-------------|
| Projects Funded               | 43          |
| Projects Paid in Full         | 28          |
| % Utilization                 | 94%         |
| Reduction in Operational Cost | \$1,732,586 |

## State Energy Revolving Fund (SERF)


| Total Value                   | \$8,000,000 |
|-------------------------------|-------------|
| Projects Funded               | 4           |
| Projects Paid in Full         | 0           |
| % Utilization                 | 21%         |
| Reduction in Operational Cost | \$100,727   |

### Greenhouse gas emissions from


1 **1,971** Passenger vehicles driven for one year 


1 **22,561,275** Miles driven by an average passenger vehicle 


1 **3,207** Tons of waste recycled instead of landfilled 


1 **459** Garbage trucks of waste recycled instead of landfilled 


### CO<sub>2</sub> emissions from


1 **1,035,783** gallons of gasoline consumed 


1 **10,071,116** Pounds of coal burned 


1 **122** tanker trucks' worth of gasoline 

1 **994** homes' energy use for one year 

1 **2.3** Wind turbines running for a year 

1 **1,380** homes' electricity use for one year 

1 **50.2** railcars' worth of coal burned 


1 **308,066** Incandescent lamps switched to LEDs 


1 **21,312** barrels of oil consumed 


1 **376,298** propane cylinders used for home barbecues 

1 **0.002** coal-fired power plants in one year 

### Carbon sequestered by

1 **238,558** tree seedlings grown for 10 years 

1 **10,842** acres of U.S. forests in one year 

1 **75.1** acres of U.S. forests preserved from conversion to cropland in one year 

Greenhouse Gas Equivalencies  
<https://www.epa.gov/energy/>

All Projects: Emissions Abated Over Time

