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State Energy Program Manager
Department of Buildings and General Services
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Annual Report
House Committee on
Appropriations

State Energy Management Program

History and Background

2014: ACT 178 Capital Bill established the SEMP

- State Energy Revolving Fund
- State Resource Management Revolving Fund

2016: ACT 58 Big Bill augmented the SEMP for four years.

- Efficiency Vermont Reimburses the State of Vermont for three full time employees.
- BGS and Efficiency VT are dedicated to achieving \$150,000 in energy savings annually.

Our Process

Energy Star Portfolio Manager

- Enter utility data
- Develop a prioritized list of buildings based on energy use and cost per square foot.

Energy Audit Contracts

- Perform energy audits on 10% of our building space annually starting with the worst performing buildings.
- The audits are developed into project scopes.

Financing

- Submit a loan application
- Loan approval process

BGS Project Managers

- Develop project scope
- Procure contractors
- Oversee construction

Results

FY 2017 Savings: 12 Projects

- **\$151,184**
- 5.75 GWh
- 9,609 MMBTU

Projected FY 2018 Savings: 11 Projects

- **\$286,710**
- 6.77 GWh
- 3,130 MMBTU

Revolving Loan Funds

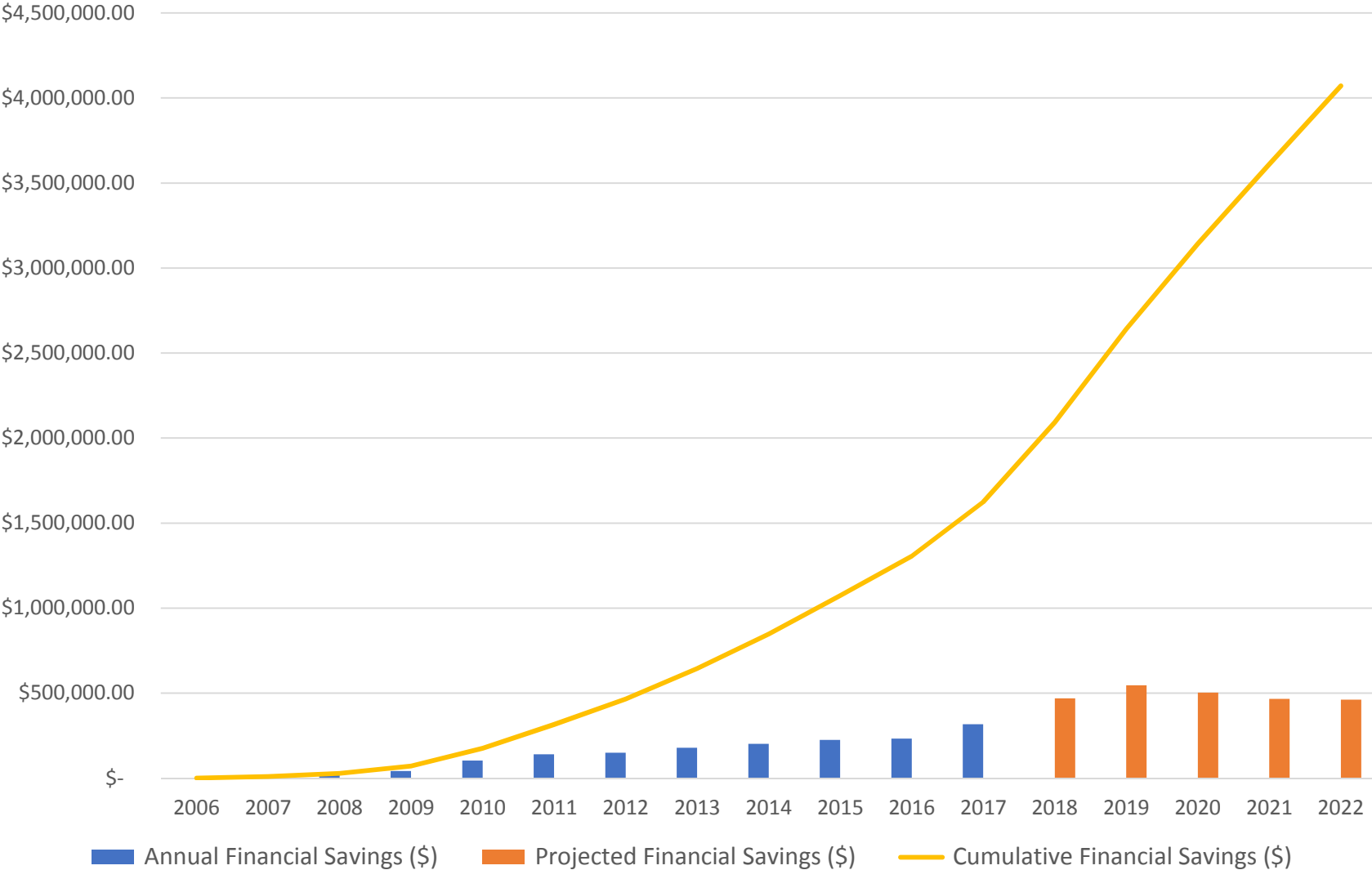
State Resource Management Revolving Fund (SRMRF)

Total Value	\$1,500,000
Projects Funded	43
Projects Loans Paid Back in Full	28
% Utilization	96%
Reduction in Operational Cost	\$1,732,586

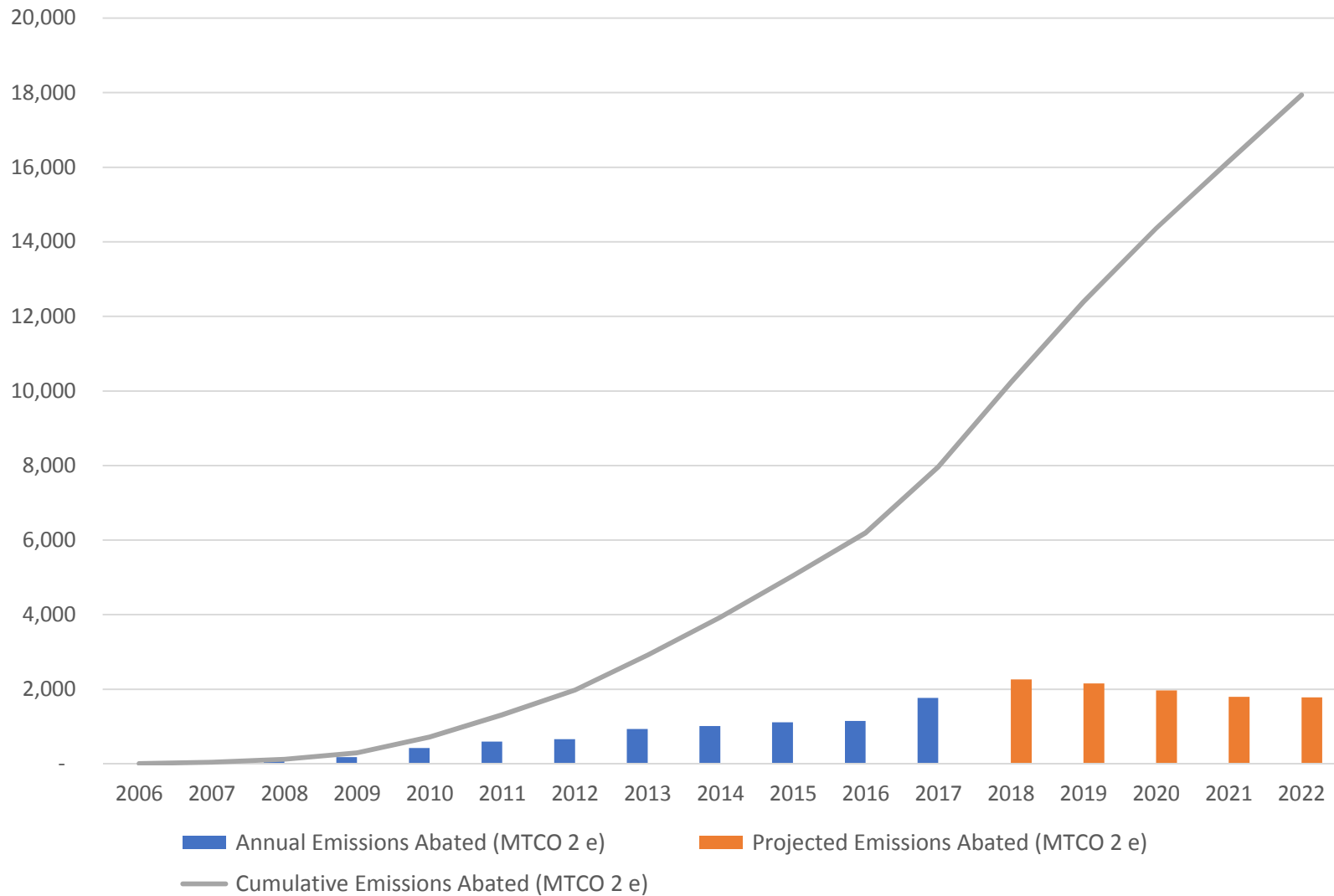
State Energy Revolving Fund (SERF)

Total Value	\$8,000,000
Projects Funded	6
Project Loans Paid Back in Full	0
% Utilization	22%
Reduction in Operational Cost	\$100,727

Revolving Loan Funds Financial Savings Over Time



Revolving Loan Funds Carbon Emissions Reduced Over Time



Solar Power Generation and Savings

