

CECIP

CALTECH ENERGY CONSERVATION INVESTMENT PROGRAM



FY14 IMPACT TO DATE

\$17.6M
INVESTED TO DATE

16K MTCO₂E₄
GREENHOUSE GAS
REDUCTION

\$3M
UTILITY
REBATES

26%
RETURN ON
INVESTMENT

50%

OF MAJOR CAMPUS BUILDINGS
HAVE BEEN PART OF THE CECIP
PROGRAM

\$6.7M
UTILITY COST
AVOIDANCE

18 GWH
TOTAL ENERGY SAVED

who are we?

Caltech pioneers audacious science and technology that transforms our world.

our challenge

To facilitate the development of the newest technology and entrepreneurial spirit at Caltech, while minimizing energy consumption.

the solution

Since 2009, energy projects at Caltech are financed from a capital revolving fund, the Caltech Energy Conservation Investment Program (CECIP).

CECIP combines finance, engineering, and operations to implement energy conservation measures without negatively impacting research.

how does it work?

All CECIP projects must:

- have an ROI greater than 15%
- exhibit verifiable savings
- have less than 6 years simple payback

CECIP projects include, but are not limited to:

- Retrocommissioning
- Controls Optimization
- Demand Ventilation
- Fume Hood Controls
- Exhaust Stack Optimization
- Data Center Containment
- Smart Commissioning

CECIP PROGRAM FINANCIALS

