Los Angeles Pierce College

"We have reduced our operating cost and our dependence on purchased electricity!"

See Case Study on Back of Flyer

LOW INTEREST RATE LOANS

AVAILABLE NOW!

"The college is using cutting edge on-site generation technologies such as photovoltaic and low emission microturbine cogeneration to supply part of the electricity needs while saving energy costs. This is great!"

Tim Oliver
Vice President of
Administrative Services
Los Angeles Pierce College

California Energy Commission

Public Programs Office
(916) 654-4147
pubprog@energy.state.ca.us

June 2006

Apply Today!

Need Project Funding?

You already know that energy costs are up and budgets are tight. But do you know you can reduce the impact of these increasing costs NOW by installing energy-saving lights, heating and cooling systems, and more? Look at the benefits of our Energy Efficiency Loan Program:

- 100% funding for most projects
- Repay the loan with your energy savings
- Up to $1 million per application
- It's fast and easy to get your loan
- Loan approval in four weeks or less
- Energy savings stretch your dollars, leaving more for your organization
- Help with identifying potential energy-saving projects for your facility

Funding is limited.

California Energy Commission

1516 9th Street
Sacramento, CA 95814-5512

CASE STUDY

LOS ANGELES PIERCE COLLEGE

Los Angeles Pierce College, part of the Los Angeles Community College District, wanted to develop an on-site electric generation program to provide a reliable source of electricity supply. The college also wanted exposure to various forms of new cutting edge technologies after the electricity shortage of 2001. A plan was prepared by an energy services company to use a combination of photovoltaic and microturbine technology choices that reduced the campus' cost for electricity and for gas to heat the swimming pool. With low interest rate financing from the Energy Commission and utility rebates, the college installed a 171 kW photovoltaic project, four-30 kW microturbine swimming pool cogeneration systems and six-60 kW microturbine/absorption chiller cogeneration systems. The 110 ton absorption chillers using waste heat from the microturbines supplement the central plant chilled water system. The hot water is used to preheat the swimming pool and for space heating. All electricity is used on campus. These projects are estimated to reduce the campus electricity usage by about 30 percent.

Electricity Savings:	2,262,207 kWh
Demand Savings:	575 kW
Energy Commission Loan:	$1,208,375
Utility Rebates:	$1,935,768
Annual Energy Cost Savings:	$142,120

Simple Payback: 8.5 years

DON'T MISS THIS OPPORTUNITY

Application forms and additional information available at:
http://www.energy.ca.gov/efficiency/financing

CEC-400-2005-027-FS

Apply Today!