

STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
PLANNED ENERGY PROJECTS REQUIRING
GENERAL OBLIGATION BOND FUNDING
IN THE FISCAL BIENNIUM 2007-2009

SUBMITTED TO
THE TWENTY-FOURTH STATE LEGISLATURE
IN RESPONSE TO SECTION 11, ACT 96, SLH 2006

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For the fiscal biennium 2007-2009, the Department of Accounting and General Services (DAGS) is requesting \$11 million and \$10.5 million in lump sum general obligation bond funding for fiscal years 2008 and 2009, respectively, for energy conservation improvement projects for public buildings.

The lump sum funding will cover programs in the following areas.

1. Retrocommissioning of public buildings; This program reviews building operations (examination of utility bills, etc.) to ensure that equipment is functioning within acceptable range, optimizes operating procedures to maximize efficiency, and provides recommendations on future equipment replacements and enhancements.
2. Lighting Improvements; Installation of light sensor switches.
3. Window Treatments: Installation of window tinting to reduce heat and also strengthen windows to resistant breakage in hurricane force wind conditions.
4. LEED Pilot Projects: Supplemental funding for new building or major renovation projects to enable LEED's silver certification.
5. DAGS Energy Plan Support: Development and completion of long term DAGS energy plan encompassing the entire spectrum of energy initiatives.
6. LEED and Retrocommissioning Programmatic Support and Submetering: Funding for submetering and other devices or services to track planned versus actual results of retrocommissioning projects to determine level of success.
7. Photovoltaic Pilot Projects: Installation of photovoltaic panels to provide alternate power source for public buildings.

The composition of the lump sum CIP funding request in the 2007-2009 biennium budget follows.

Funded by Lump Sum Energy Conservation Improvements			
Priority	Program	Cost	
		FY08	FY09
1	Retrocommissioning	\$1,848,000	\$230,000
2	Lighting Improvements	\$3,317,000	\$187,000
3	Window Treatments	\$2,185,000	\$6,653,000
4	LEED Pilot Projects	\$825,000	\$1,250,000
5	DAGS Energy Plan Support	\$125,000	\$ 80,000
6	LEED & RetroCx Programmatic Support and Submetering (DBEDT)		\$100,000
7	PV Pilot	\$2,700,000	\$2,000,000
	Total:	\$10,959,000	\$10,470,000