

APPENDIX F: ENERGY EFFICIENCY FINANCING PROGRAMS

Appendix F documents available financing programs for specific sectors (community-wide, residential, non-residential and municipal).

Table F-1: Community-Wide Financing Programs

FUNDING SOURCE	DESCRIPTION
Go Green Financing	Go Green Financing allows California residents and businesses browse the GGF database of financing solutions to find a lender that fits the unique needs and preferences of each energy efficiency project. http://www.gogreenfinancing.com/
Open PACE: Property Assessed Clean Energy	The Open PACE program provides local governments with a turnkey resource for residential and commercial property owners to finance energy efficiency, renewable energy and water conservation. Open PACE provides local governments with a competitive marketplace for PACE Program Administrators that meet specific qualifications. Program Administrators will develop managed contractor networks within the community, provide 100% financing and file repayment obligations through property tax bills. http://cscda.org/Open-PACE
Solar Power Purchase Agreement (PPA)	A solar power purchase agreement (PPA) is a financial agreement where a developer arranges for the design, permitting, financing and installation of a solar energy system on a customer's property at little to no cost. The developer sells energy to the host customer at a fixed rate that is typically lower than the local utility's retail rate. The lower price offsets the purchase of grid electricity while the developer receives the income from these sales of electricity as well as any tax credits and other incentives generated from the system.

Table F-2: Residential Financing Programs

FUNDING SOURCE	DESCRIPTION
Energy Efficiency Mortgages	An Energy Efficient Mortgage (EEM) is a mortgage that credits a home's energy efficiency in the mortgage itself. EEMs give borrowers the opportunity to finance cost-effective, energy-saving measures as part of a single mortgage and stretch debt-to-income qualifying ratios on loans thereby allowing borrowers to qualify for a larger loan amount and a better, more energy-efficient home. https://www.energystar.gov/index.cfm?c=mortgages.energy_efficient_mortgages http://portal.hud.gov/hudportal/HUD?src=/program_offices/housing/sfh/eem/eemhog96
GSFA Residential Energy Retrofit Program	Through the Golden State Finance Authority (GSFA) Residential Energy Retrofit Program, eligible homeowners can finance energy efficiency and renewable energy measures, up to \$50,000, with a 6.5% fixed interest rate 15-year loan. 100% financing is available with no income limits ore equity requirements. http://www.gsfahome.org/programs/energy/overview.shtml

Table F-3: Non-Residential Financing Programs

FUNDING SOURCE	DESCRIPTION
PG&E Energy Efficiency Financing	PG&E offers 0% interest loans ranging from \$5,000 to \$100,000. Government agencies may qualify for loans of up to \$250,000. Loans can be used to replace old and inefficient equipment with no up-front out-of-pocket investment. The program allows 5 years for repayment; however, the energy savings continue to accrue after the loan is paid off. http://www.pge.com/en/mybusiness/save/rebates/onbill/index.page
Energy Savings Agreement	An Energy Savings Agreement involves a financing contract with a private energy services company that packages energy efficiency as a service paid through the energy savings. It allows for 100% financing and is an off-balance sheet financing solution.
SAFE-BIDCO	SAFE-BIDCO offers small businesses, qualifying landlords, and non-profit organizations loans up to \$450,000 for a maximum of 15 years to complete energy efficiency and renewable energy projects. The loan can cover energy studies, design and consultant fees, materials and equipment costs and loan fees. http://www.safe-bidco.com/loan-programs/energy-efficiency-loans/
Rural Energy for America Program (REAP)	The United States Department of Agriculture (USDA) provides guaranteed loan financing on loans up to 75% and grant funding for up to 25% of total eligible project costs to agricultural producers and rural small businesses to purchase or install renewable energy systems or make energy efficiency improvements. http://www.rd.usda.gov/programs-services/rural-energy-america-program-renewable-energy-systems-energy-efficiency
Infrastructure State Revolving Fund (ISRF) Loan Program	The Infrastructure State Revolving Fund (ISRF) Loan Program provides financing to public agencies and non-profit corporations sponsored by public agencies for a wide variety of infrastructure and economic development projects. ISRF Program funding is available in amounts ranging from \$50,000 to \$25 million, with loan terms for the useful life of the project up to a maximum of 30 years. http://www.ibank.ca.gov/ibank/programs/isrf
California Lending for Energy and Environmental Needs (CLEEN) Center	The CLEEN Center provides direct public financing to Municipalities, Universities, Schools and Hospitals (MUSH borrowers) to help meet the State's goals for greenhouse gas reduction, water conservation and environmental preservation. The CLEEN Center offers two programs, the Statewide Energy Efficiency Program (SWEEP) and the Light Emitting Diode Street Lighting Program (LED). Financing can be through a direct loan from IBank or publicly offered tax-exempt bonds in amounts from \$500 thousand to \$30 million. http://www.ibank.ca.gov/ibank/programs/what-is-cleen

Table F-4: Municipal Financing Programs

FUNDING SOURCE	DESCRIPTION
California Energy Commission (CEC) Energy Efficiency Financing	The CEC offers school districts, charter schools, City offices of education, state special schools, and community college districts 0% loans for energy efficiency and energy generation projects. CEC offers cities, counties, special districts, public colleges, universities and public care institutions/hospitals 1% loans for energy efficiency and energy generation projects. http://www.energy.ca.gov/efficiency/financing/
PG&E Energy Efficiency Financing	PG&E offers 0% interest loans of up to \$250,000. Loans can be used to replace old and inefficient equipment with no up-front out-of-pocket investment. The program allows 10 years for repayment; however, the energy savings continue to accrue after the loan is paid off. http://www.pge.com/en/mybusiness/save/rebates/onbill/index.page
Energy Savings Agreement (ESA)	An ESA involves a financing contract with a private energy services company that packages energy efficiency as a service paid through the energy savings. It allows for 100% financing and is an off-balance sheet financing solution.
IBank Clean Energy Finance Center	The CLEEN Center provides direct public financing to Municipalities, Universities, Schools and Hospitals (MUSH borrowers) through two programs, the Statewide Energy Efficiency Program (SWEEP) and the Light Emitting Diode Street Lighting Program (LED). Financing can be through a direct loan from IBank or publicly offered tax-exempt bonds in amounts from \$500 thousand to \$30 million. http://www.ibank.ca.gov/ibank/programs/what-is-clean
USDA's Rural Utilities Service (RUS)	The Rural Utilities Service administers programs that provide infrastructure or infrastructure improvements to rural communities, including water and waste treatment (Water and Environmental Programs – WEP), electric power (Electric Programs), and telecommunications services (Telecommunications Programs). The programs provide loans, grants, loan guarantees, capital and leadership. http://www.rd.usda.gov/about-rd/agencies/rural-utilities-service