

CITY OF
HAYWARD
HEART OF THE BAY

Energy Efficiency Incentive Programs

January 25, 2011

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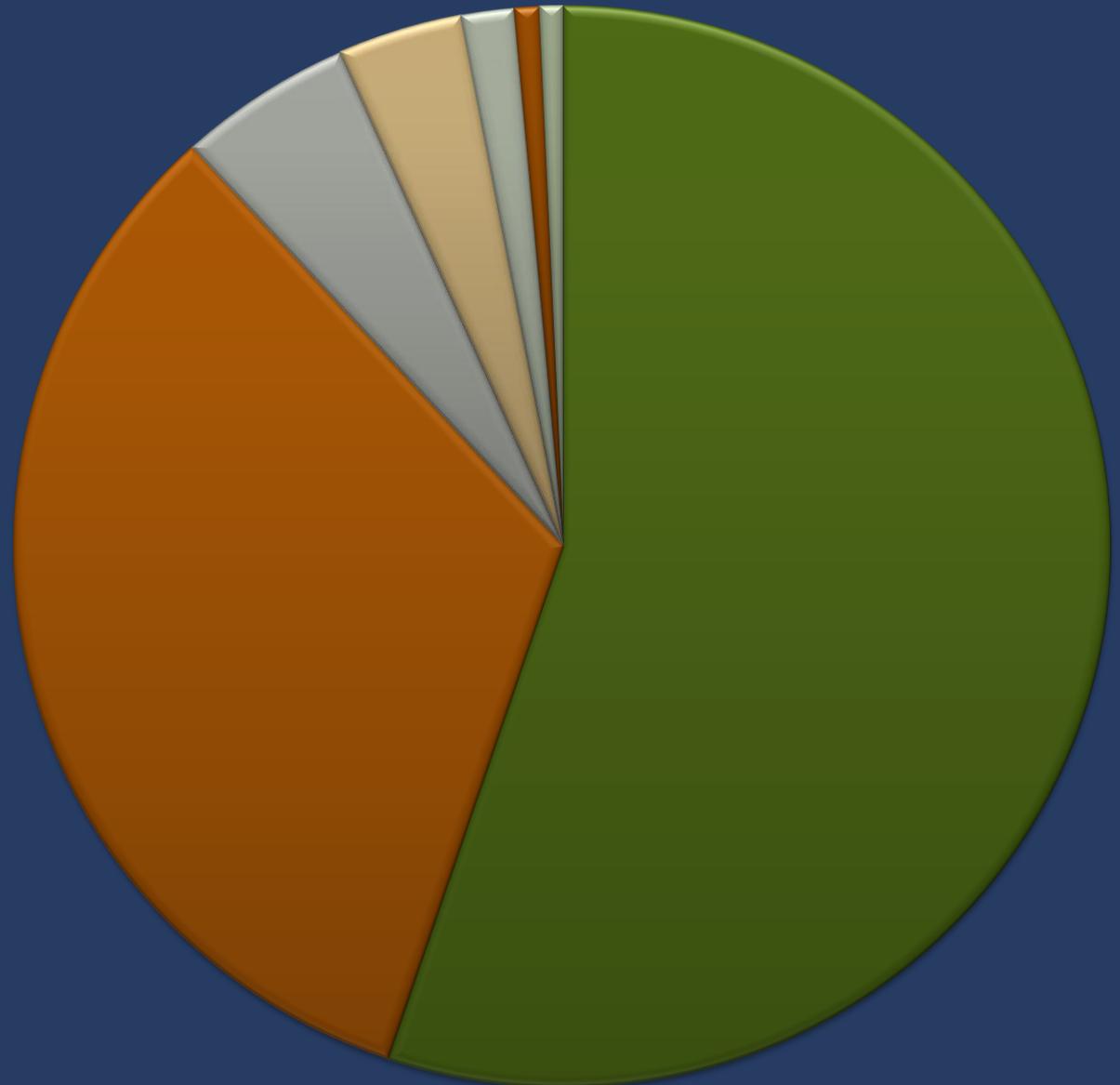
Energy Efficiency and Conservation Block Grant (EECBG)

- The City of Hayward has been allocated \$1,361,900 of EECBG funds by the federal American Recovery and Reinvestment Act.
- Approximately \$750,000 for three Energy Efficiency programs:
 - Large Commercial Energy Users Program
 - Non-Profit & Governmental Agencies Energy Efficiency Program
 - Residential Energy Efficiency Program



Allocation of \$1,361,900 of EECBG Funds

- Incentive Projects
(\$751,339)
- Sustainability
Coordinator (\$450,000)
- LED Street Lighting
(\$70,000)
- Energy Upgrade
California (\$50,372)
- Strategy Preparation
(\$21,189)
- Rising Sun (CYES)
(\$10,000)
- Green Cities
Membership (\$9,000)



Large Commercial Energy Users Incentive Program

- Purpose: Reduce the impact of Utility Users Tax on large energy users.
- Program Budget: \$250,000



Large Commercial Energy Users Incentive Program (cont.)

- Description
 - Provide incentives to Energy Intensive Businesses to make energy efficiency improvements to their facilities.
- Eligibility
 - Business that use at least 1.5 million kwh annually and participate in PGE's Customized Retrofit Incentive Program.
- Incentive
 - Matches PG&E incentives up to \$50,000 per project.



Possible Large Energy User Project

Lighting Retrofit Cost (200,000 kWh savings per year)	\$30,000
PG&E Incentive (\$0.05/kWh)	\$10,000
City Incentive	\$10,000
Net Cost	\$10,000



Non-Profit and Governmental Agencies Energy Efficiency Program

- Purpose:
 - In response to economic conditions resulting in reduced donations and increased demand for services this program will provide cost relief to non-profits and governmental agencies.
- Program Budget
 - \$251,339



Non-Profit and Governmental Agencies Energy Efficiency Program (cont.)

- Description - Incentives to Non-Profit & Governmental Agencies (NPGA) to make energy efficiency improvements to their facilities.
- Eligibility - Participate in BEST program on a 1st come, 1st served basis until funds are depleted.
- Incentives
 - Match BEST incentives up to \$10,000 per project
 - Incentives paid directly to contractor to limit impact of project on NPGA Cash Flow.



Possible Non-Profit or Governmental Agency Project

Energy Efficiency Project (Lighting and HVAC)	\$35,000
BEST Incentive	\$15,000
City Incentive	\$10,000
Net Cost	\$10,000



Residential Energy Efficiency Incentive Program

- Purpose:
 - Jump start installation of residential energy efficiency measures in Hayward
- Budget:
 - \$250,000



Residential Energy Efficiency Incentive Program

- Description
 - Incentives to homeowners who make qualifying energy efficiency improvements to their homes.
- Eligibility
 - Single-Family home ownership, purchase natural gas and/or electricity services from PG&E, current on taxes and liens
- Incentives
 - Program matches PG&E incentives up to \$2,000 plus \$250 for the home energy audit.



Residential Energy Efficiency Incentive Program

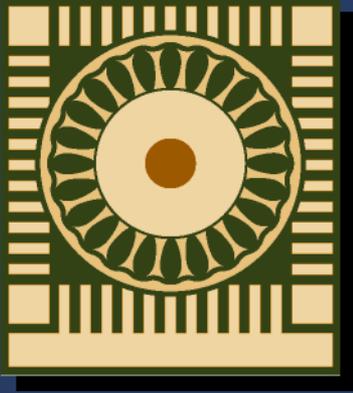
- Residential Energy Conservation Ordinance (RECO) Measures
 - Air Sealing and Attic Insulation; or
 - Air Sealing and Duct Sealing; or
 - Air Sealing and Floor Insulation.
- Basic Upgrade
 - Air Sealing; and
 - Attic Insulation; and
 - Duct Sealing.
- Advanced Upgrade
 - 15% reduction in energy use; or
 - 20% reduction in energy use.



Possible Scenarios

	Cost	PG&E Rebate	City Rebate	Net Cost
Audit	\$500	\$0	\$250	\$250
RECO Measures (Air Sealing & Attic Insulation)	\$2,589	\$0	\$750	\$1,839
PG&E Basic Upgrade	\$3,617	\$1,000	\$750	\$1,867
PG&E Advanced Upgrade (15% reduction)	\$4,500	\$1,500	\$1,500	\$1,500
PG&E Advanced Upgrade (20% reduction)	\$6,000	\$2,000	\$2,000	\$2,000





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