

## **ARRA Proposed Award: Downtown Oakland Targeted Measure Saturation Program**

Targeting the City of Oakland

ARRA-SEP Funding:        \$4,852,181  
Leverage Funding:        \$2,310,000

Projected Energy Savings:        8.4 GWh  
Projected Gas Savings:        138,500 therms per year  
GHG Emissions Reduction:        4,417 tons CO<sub>2</sub>e per year

Prime contractor:        Quantum Energy Services & Technologies, Inc. (QuEST)

Sub contractors:

Community Energy Services Corporation City of Oakland	Circlepoint Multimedia Design
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Estimated Full-Time Jobs Created:        78 (per DOE job creation multiplier)

Partnering Clean Energy Workforce Training Program:

Perralta Community College District- includes Laney College, Oakland Workforce Investment Board, Cypress Mandela Training Center, Growth Sector

Contract Description: Downtown Oakland Targeted Measure Saturation Program will bring targeted energy measures to about 9 million square feet of commercial buildings in a dense, 120 block area in the City of Oakland that is an economically disadvantaged area. About 60% of the contract funding will be used to buy down the costs for installing occupancy-controlled bi-level lighting fixtures for parking lots/garages, wireless lighting and HVAC controls, integrated classroom lighting and integrated office lighting system.

7% of the contract funding will be used for training facility operators, contractors and installers for targeted efficient measures.

Highlights:

This is a saturation program that will bring the targeted best practice measures to all of the commercial buildings in the economically disadvantaged Downtown Oakland area. This is a public/private partnership engaging the PG&E East Bay Energy Watch program, the local community college and local workforce development programs to deliver the program. The City of Oakland Economic Development staff, the Building Owners and Managers Association, and the Oakland Chamber of Commerce have already secured participation of 4 million building square feet (20% of the program scope). This is a pilot program that will investigate the effectiveness of this type of saturation program for application in other parts of the state.

Retrofit Technologies:

Parking Lot/Garage Bi-Level Lighting w/ Occupancy Control Task Ambient Office Lighting; Classroom Lighting; Wireless Lighting Controls; Wireless HVAC Controls; LED Refrigeration Case Lighting.