

DOCKET

10-IEP-1D

DATE _____

RECD. SEP 29 2010

Putting California's Youth to Work: *EnergySmart Jobs Program*

By
Allison Bially, PECl
Erin Healy, CCC



About Us

- **PECI**
 - 30 years of energy efficiency and innovative program design and implementation.
- **California Conservation Corps (CCC)**
 - State agency that employs 18-25 year old women and men to perform conservation-related work projects



EnergySmart Jobs

in partnership with

energy
upgrade[™]
CALIFORNIA

EnergySmart Jobs (ESJ) Overview

- Job Creation
- Energy Savings
- Market Transformation



EnergySmart Jobs

in partnership with

energy
upgrade[™]
CALIFORNIA

Program Goals

- To the greatest extent possible across the State of California:
- Create new direct and indirect “Green” jobs
- Save energy & costs for businesses and individuals
- Provide direct economic stimulus to businesses and individuals
- Generate and make use of “Matching Funds” from partners
- Whenever possible, provide jobs for unemployed, under employed, and disadvantaged workers
- Program design must be scalable “on demand” to accommodate additional matching funds, ARRA funding, & program scope changes



EnergySmart Jobs

in partnership with

energy
upgrade[™]
CALIFORNIA

Current Partners

California Conservation Corps	Provide jobs for 60 Surveyors and Program management staff
SMUD	First POU partner to leverage EnergySmart Jobs Program incentives
PG&E	First IOU partner to leverage EnergySmart Jobs Program incentives
Community Colleges	Provide training facilities and some instructors
LED Manufacturers	Provide training on product, volume discounts on products
Aztec Energy	Provide training on controls and controls theory
Salesforce.com Foundation	Provide software platform for survey tool
AT&T	Provide iPhones and cell phone services
Gilbert Associates	CPA Accounting Firm to coordinate reporting, mainly with contractors

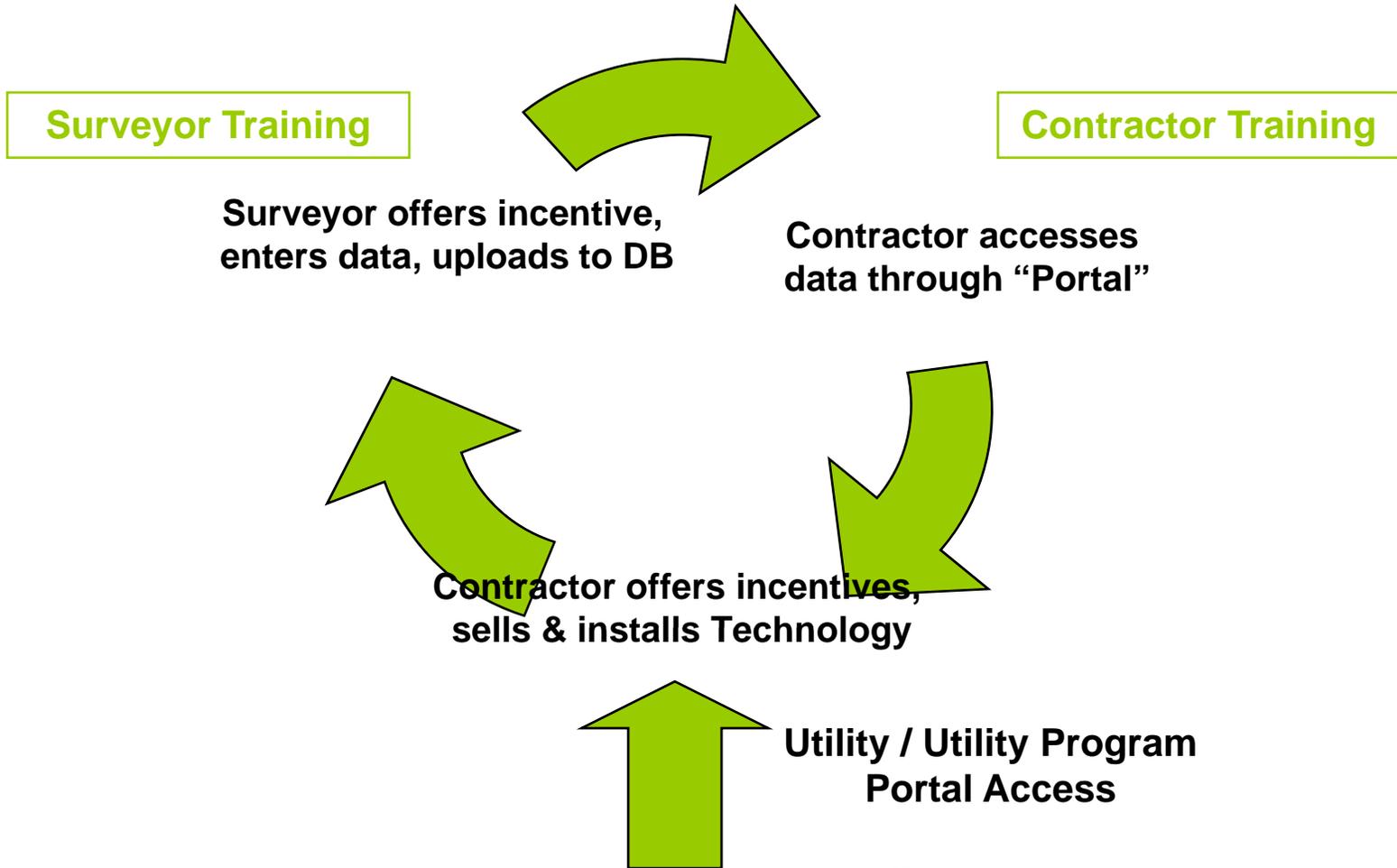


EnergySmart Jobs

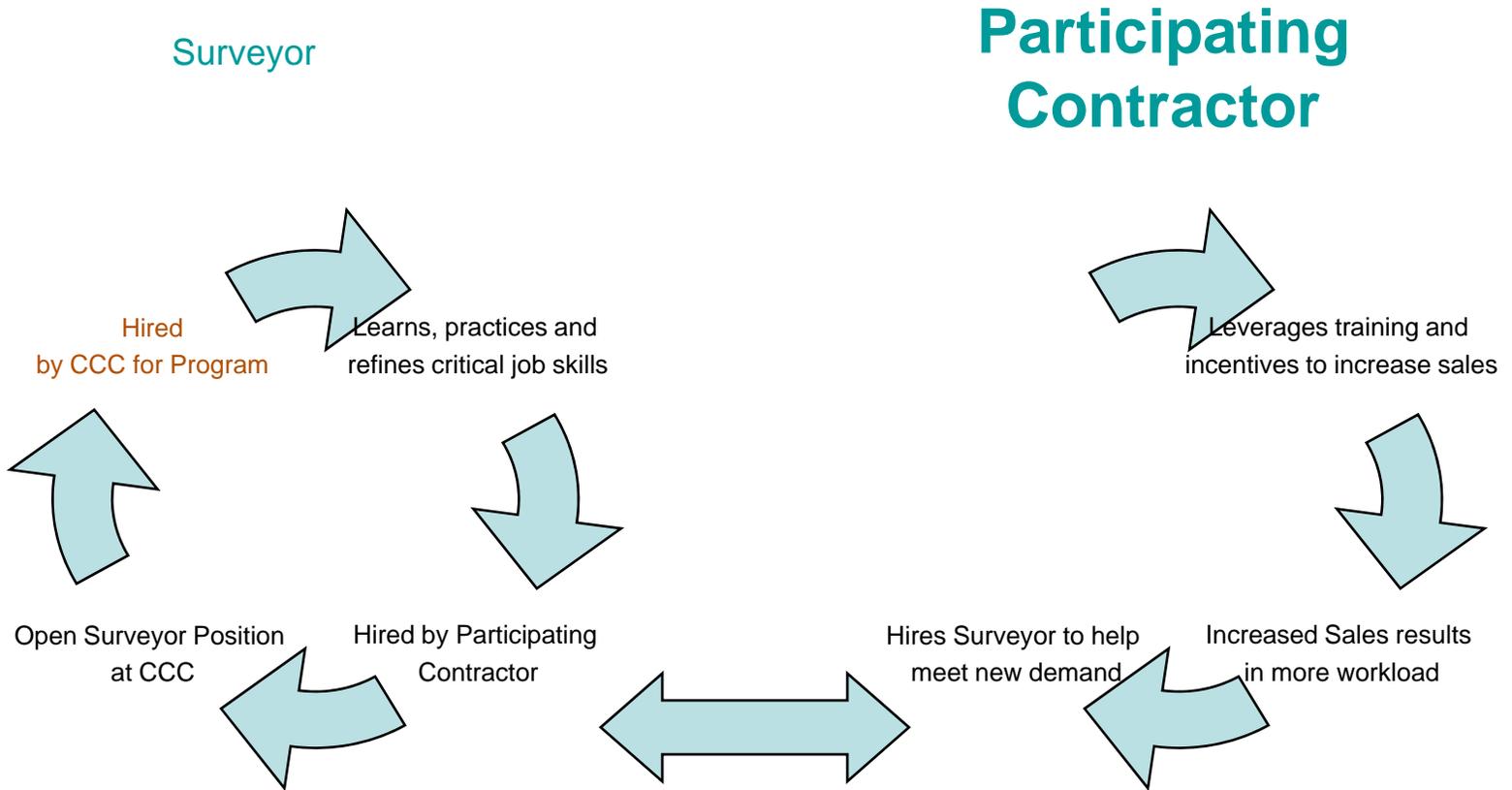
in partnership with

energy
upgrade[™]
CALIFORNIA

Energy Savings through qualified leads



Sustainable Jobs



EnergySmart Jobs

in partnership with

energy
upgrade[™]
CALIFORNIA



- Mission: The women young and men of the Corps work hard protecting and restoring California's environment and responding to disasters, becoming stronger workers, citizens and individuals through their service.

California Conservation Corps



EnergySmart Jobs

in partnership with

energy
upgrade[™]
CALIFORNIA

Who Are CCC Corpsmembers?

- Description:

- 18-25 years old, not on probation or parole, California residents, willing to work hard

- 38% White
- 28% Hispanic
- 19% Black
- 15% Other

- Demographics:

- 73% Men
- 27% Women

- 60% 18-20 years
- 28% 21-23 years
- 12% over 23 years

- 2% 8th grade or under
- 39% 9-11th grade
- 50% 12th grade
- 9% 13th grade or higher



EnergySmart Jobs

in partnership with

energy
upgrade[™]
CALIFORNIA

CCC Energy Work



EnergySmart Jobs

in partnership with

energy
upgradeTM
CALIFORNIA

Typical CCC Work



Approach to Surveying the State

- CCC corpsmembers will work in crews as surveyors in grocery stores and other commercial refrigeration sites
- 8-9 member team
- Focus on urban areas and initial opportunity first
- Concentric circles getting wider as the program goes on
- Spikes



EnergySmart Jobs

in partnership with

energy
upgrade[™]
CALIFORNIA

Expected Results

Commercial Sites Surveyed	25,000 (base-line program estimate)
Retrofit Projects Incented	5,000 (base-line program estimate)
Program Energy Savings	88 million kWh (base-line program estimate)
Total Jobs Created	214 (base-line program calculation)
Direct Jobs Created	117 (base-line program estimate)
\$ Savings – During Program	\$13.9 million in energy savings for rate payers
\$ Savings – Over 5 years	\$41 million in energy savings for rate payers



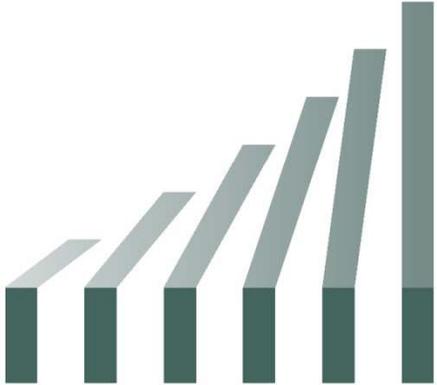
EnergySmart Jobs

in partnership with

energy
upgrade[™]
CALIFORNIA

Recommendations

- Continue prioritizing and funding programs that train youth on EE and provide the job skills and experience for future growth.
- High numbers of entry level, low cost jobs can blanket the market and reach those who are unaware or have yet to adopt codes and standards.



**Energy
Smart
Jobs**

in partnership with

energy
upgradeTM
CALIFORNIA