

# Putting California's Youth to Work:

*EnergySmart Jobs Program*

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- **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 (ESJ) Overview

- Job Creation
- Energy Savings
- Market Transformation



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## 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



## Current Partners

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

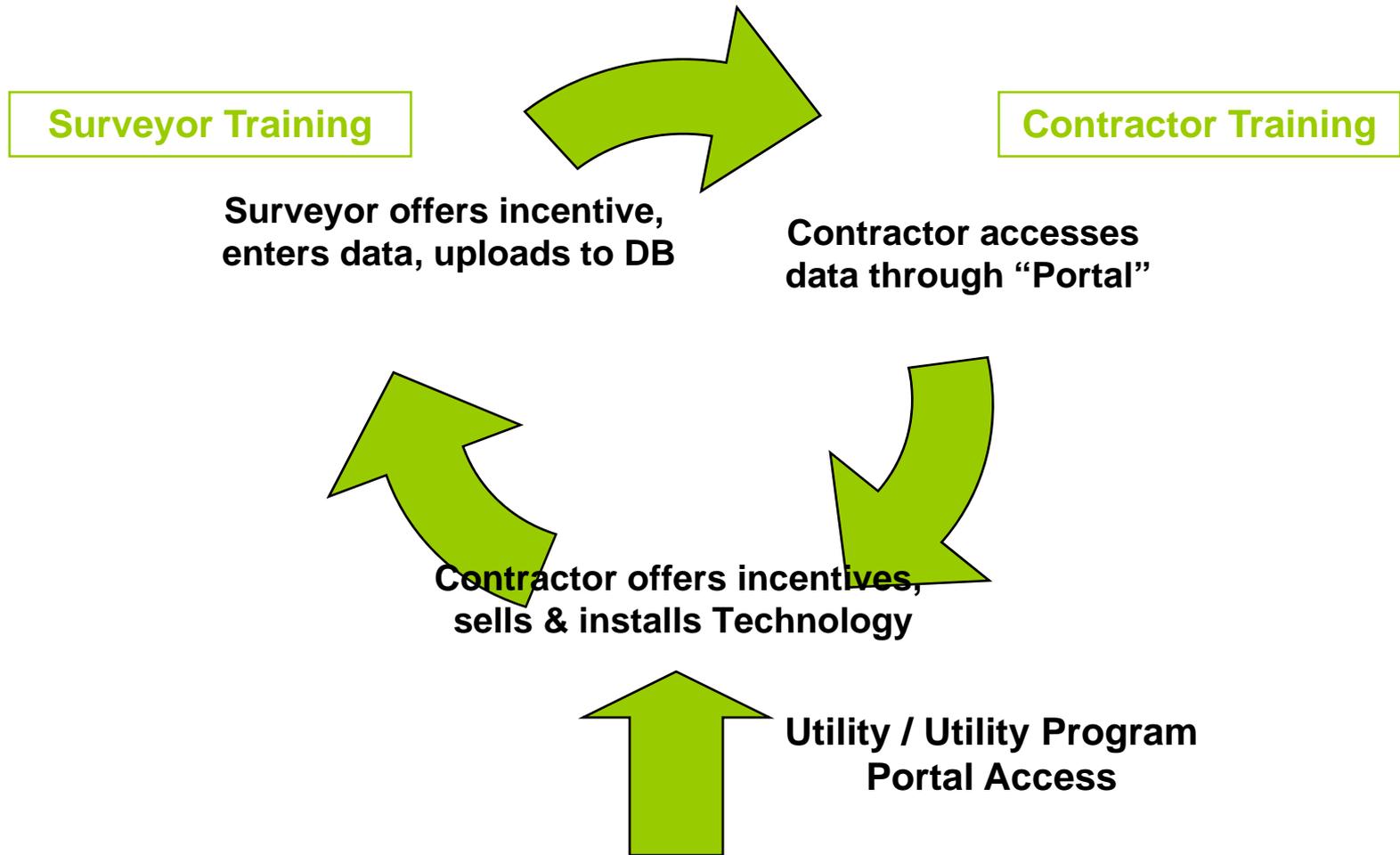


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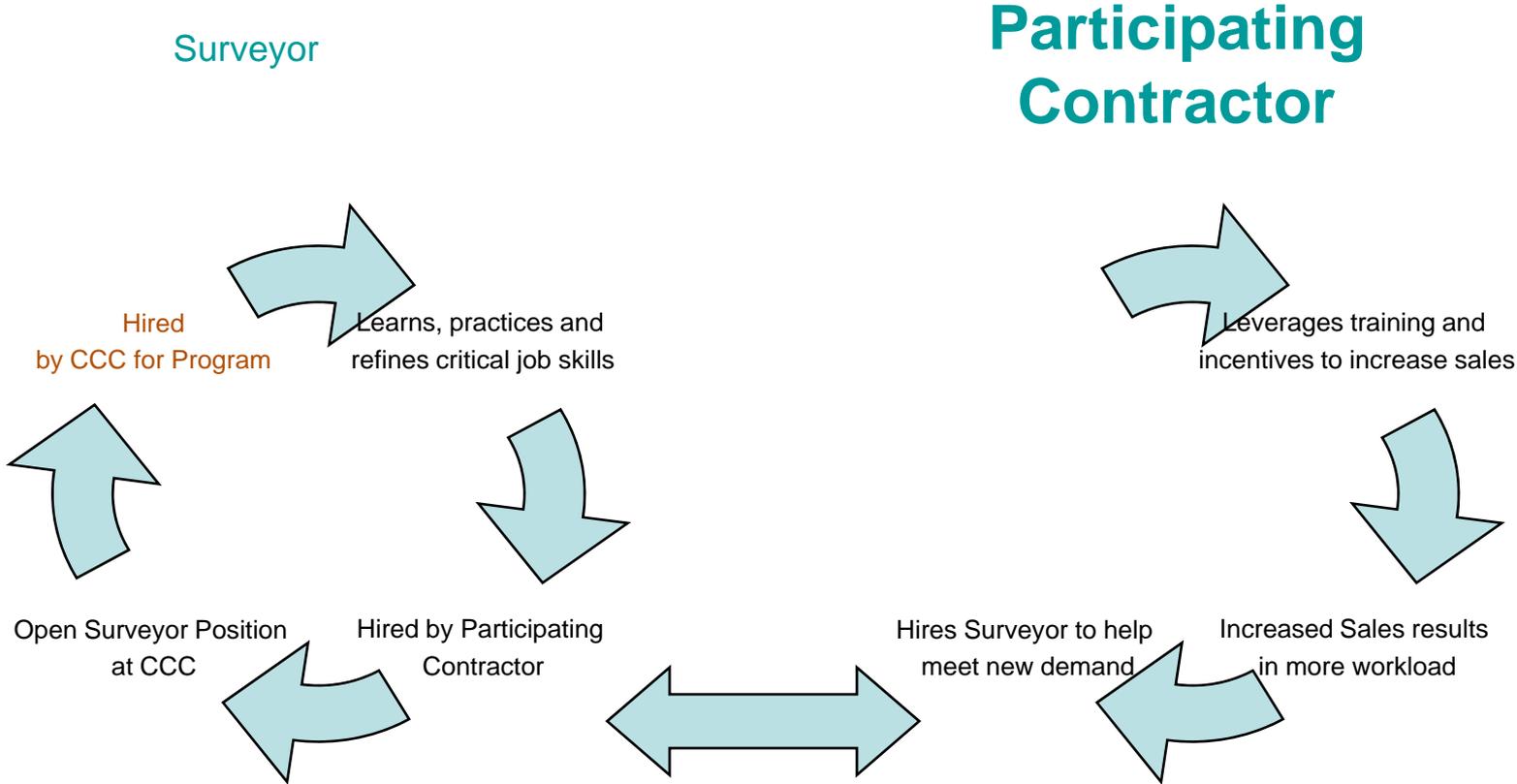
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## Energy Savings through qualified leads



# Sustainable Jobs



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- 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



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# 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

- 2% 8<sup>th</sup> grade or under
- 39% 9-11<sup>th</sup> grade
- 50% 12<sup>th</sup> grade
- 9% 13<sup>th</sup> grade or higher

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



# CCC Energy Work



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# 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



# 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



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## Recommendations

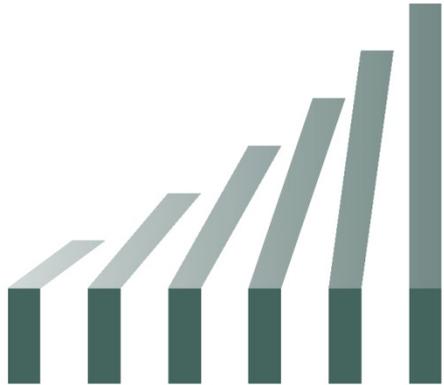
- Continue prioritizing and funding programs that train youth on EE and provide the job skills and experience for future growth.
- High numbers of entry level, low cost jobs can blanket the market and reach those who are unaware or have yet to adopt codes and standards.



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