

# Program Updates

**Presented to Seattle City Council  
January 28, 2013**



# Program Overview



**Community Power Works** is an innovative pilot program testing new models for energy efficiency in the residential, commercial, and institutional sectors.





# Community Impact





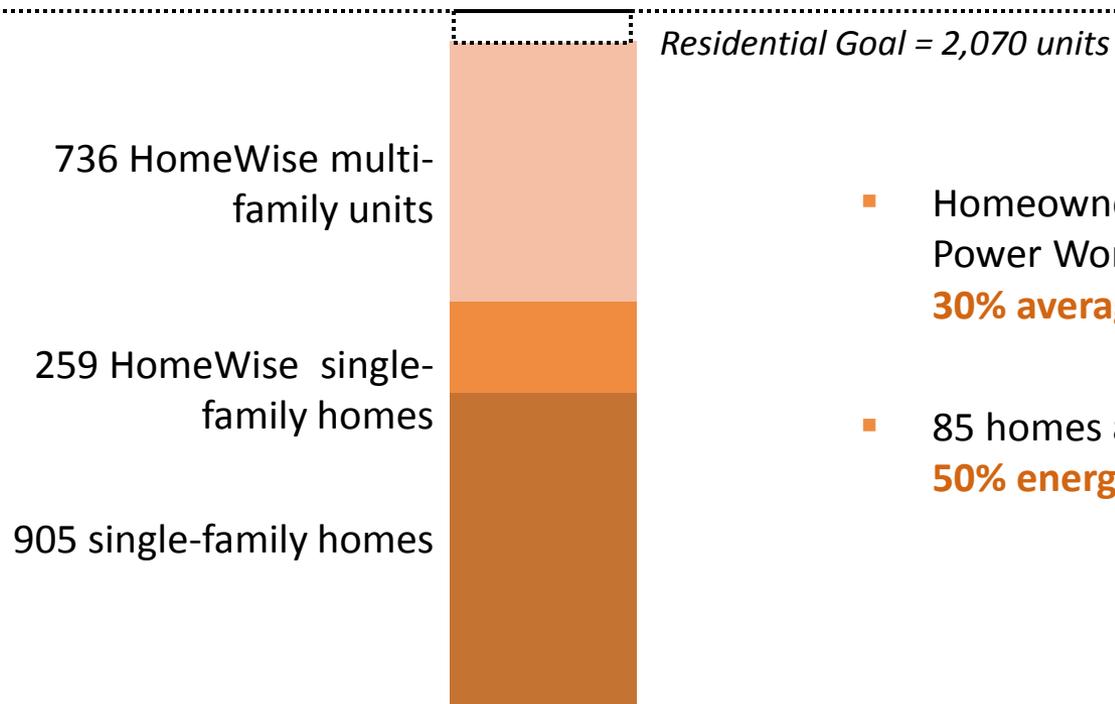
# Community Impact

- With 70% of DOE grant funding expended, Community Power Works is well on its way to **meeting or exceeding its goals across sectors.**
- **Momentum continues to build.** At the end of 2011, there were 87 upgrades completed or in progress. At the end of 2012, this number had increased to 1097.
- **Customer satisfaction is high.** 96% of Community Power Works for Home participants would recommend the program to friends.



# Progress Toward Residential Goal

**1,900 upgrades complete  
or in progress, including:**



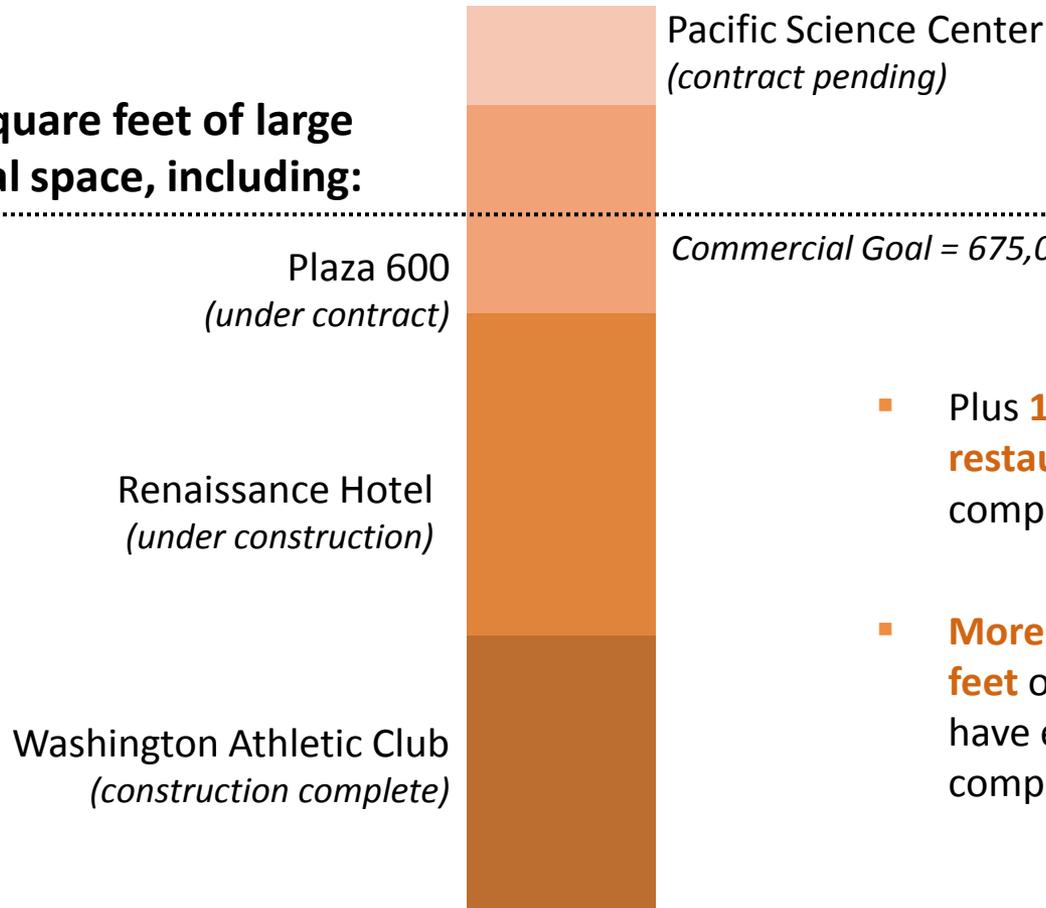
- Homeowners with Community Power Works are projected to see **30% average energy savings.**
- 85 homes are achieving **more than 50% energy savings.**





# Progress Toward Commercial Goal

**979,000 square feet of large commercial space, including:**



- Plus **16 small grocery stores and restaurants** have upgrades complete or in progress.
- **More than 3.4 million square feet** of large commercial space have energy assessments complete or in progress.

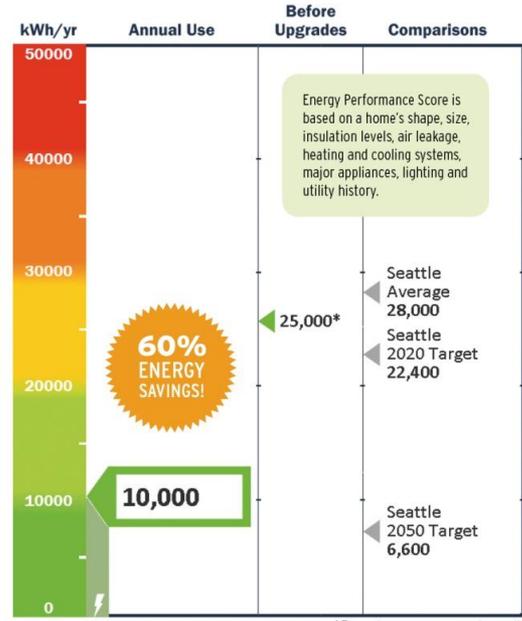


# Environmental Impact



## RENEE & ALEX'S EPS SCORES

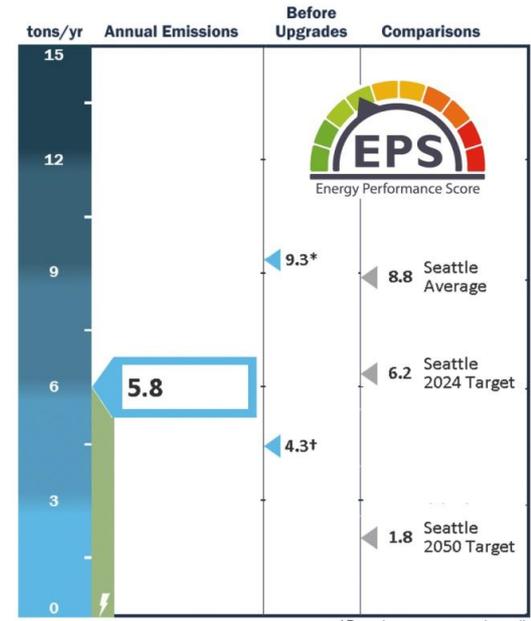
### Energy Score



\*Based on a pre-upgrade audit

**ENERGY USE:**  
**Before:** 25,000 kWh/yr | **After:** 10,000 kWh/yr

### Carbon Score



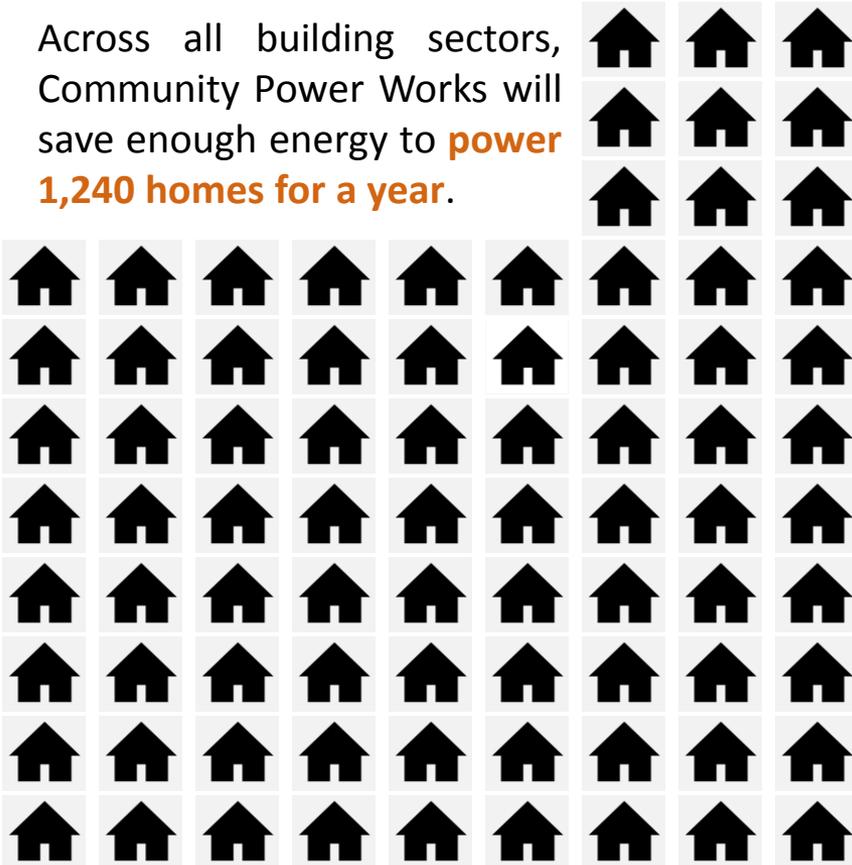
\*Based on a pre-upgrade audit  
 †With energy from renewable sources

**CARBON OUTPUT:**  
**Before:** 9.3 tons/yr | **After:** 5.8 tons/yr

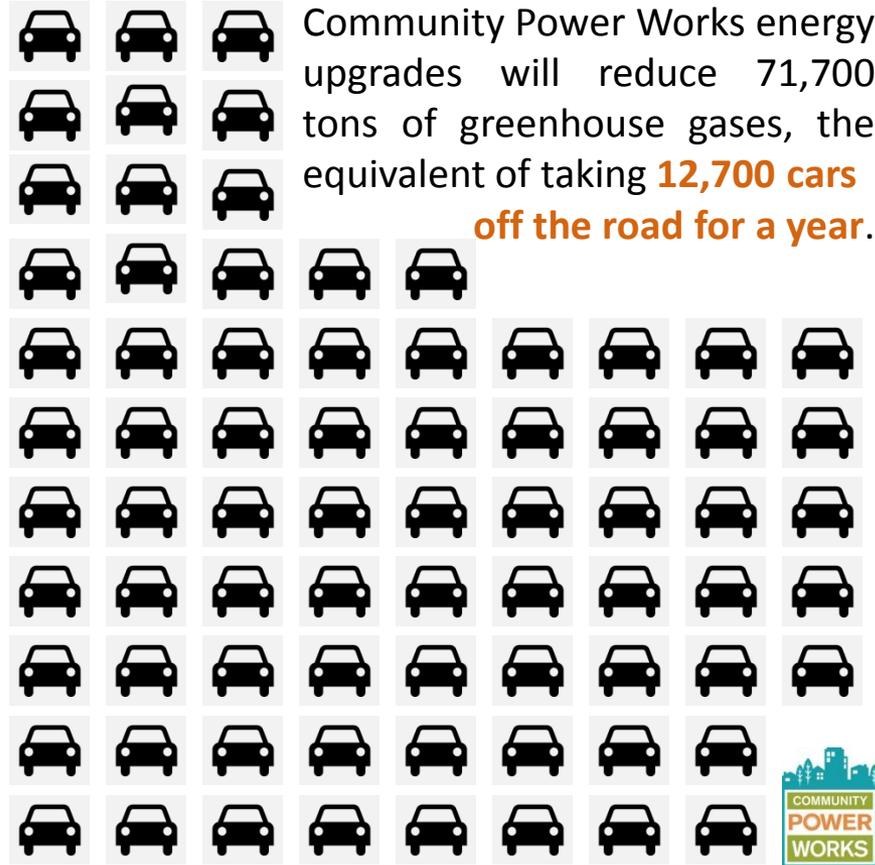


# Environmental Impact

Across all building sectors, Community Power Works will save enough energy to **power 1,240 homes for a year.**



Community Power Works energy upgrades will reduce 71,700 tons of greenhouse gases, the equivalent of taking **12,700 cars off the road for a year.**

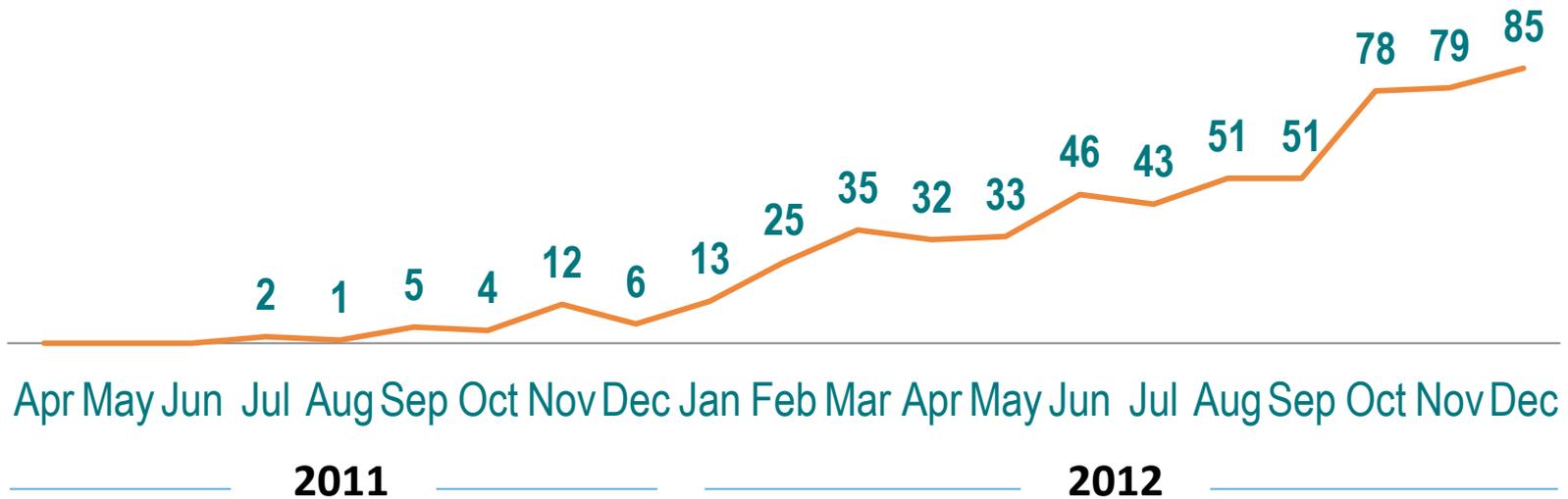


# Community Power Works for Home



# Community Power Works for Home

Community Power Works for Home participation rates have steadily risen since the beginning of the program. In the last quarter of 2012, completed upgrades averaged over **80 homes per month**.



# Community Power Works for Home

As rates of participation in CPW for Home have risen, so has uptake of Community Power Works' innovative suite of financing options. Loan take up has increased from **20% for projects completed in 2011** to **25% for projects completed in 2012**.

■ No financing      ■ Craft3 Standard      ■ Craft3 Low-income      ■ PSCCU



2011



2012

# Workforce Development

- Community Power Works has created **over 134,000 hours of work** performed by 878 people, including nearly 700 contractors and auditors.
- 92% of contractor firms working on Community Power Works upgrades are **locally-owned businesses** from Puget Sound area.
- All certified home contractors are small businesses with fewer than 30 employees. **Over one-third are women, minority, veteran, or employee-owned.**





# Workforce Development

Contractors report that Community Power Works has positively affected their business practices and operations, including:

- Getting **more experience** with comprehensive whole house retrofits;
- Developing **new relationships** within the industry;
- Strengthening **marketing and sales skills**; and
- Improving **reporting and project tracking systems**.

The CPW program has been remarkably beneficial to us. We have tripled our sales last year and expect to double again this fiscal year. We are constantly hiring and pleased with the prospects of the successful program.

*Mark Rector  
Trius Home Performance*



# Where Do We Go From Here?





# Advisory Group: What We Did

- Convened an advisory group with stakeholders from **May – December 2012**
- Goal: **Develop recommendations for Community Power Works next steps**
  - Define and analyze options
  - Quantify costs and benefits
    - **Financial modeling**
  - Research activities and needs across the state
    - Statewide **utility needs assessment** and **asset map**



# Advisory Group: What We Heard

- Community Power Works **is of value to Seattle** as we aim to achieve aggressive residential energy efficiency goals.
- Community Power Works **can effectively partner with utilities**, but it should not live within, nor be completely funded by, a utility.
- Community Power Works **has developed assets that can live on** in different parts of the community .
- Community Power Works **must include a financing option**.



# Advisory Group: Next Steps

- 1. Engage with City Council and Mayor's Office.**
- 2. Work with Seattle City Light to identify next steps.**
- 3. Evaluate a RFI process.**
- 4. Identify community partners.**
- 5. Develop and execute transition plan.**

**Questions?**

