

Community Energy Services: Saving Energy, Money and Carbon for Minneapolis Residents through a One-Stop Program

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Center for Energy and Environment (MN)

- 40,000 homes served in energy-efficiency programs since 1980s
- Financed 18,000 home improvement loans resulting in \$130 million worth of home improvements
- Completed over 100 energy efficiency research projects
- Recommissioning program for larger commercial buildings
- Public Buildings Enhanced Energy Efficiency Program (PBEEEP) for State and Local Government buildings
- Served over 8,000 small businesses for an Xcel Energy small business lighting efficiency program (an ACEEE “Exemplary Program”)

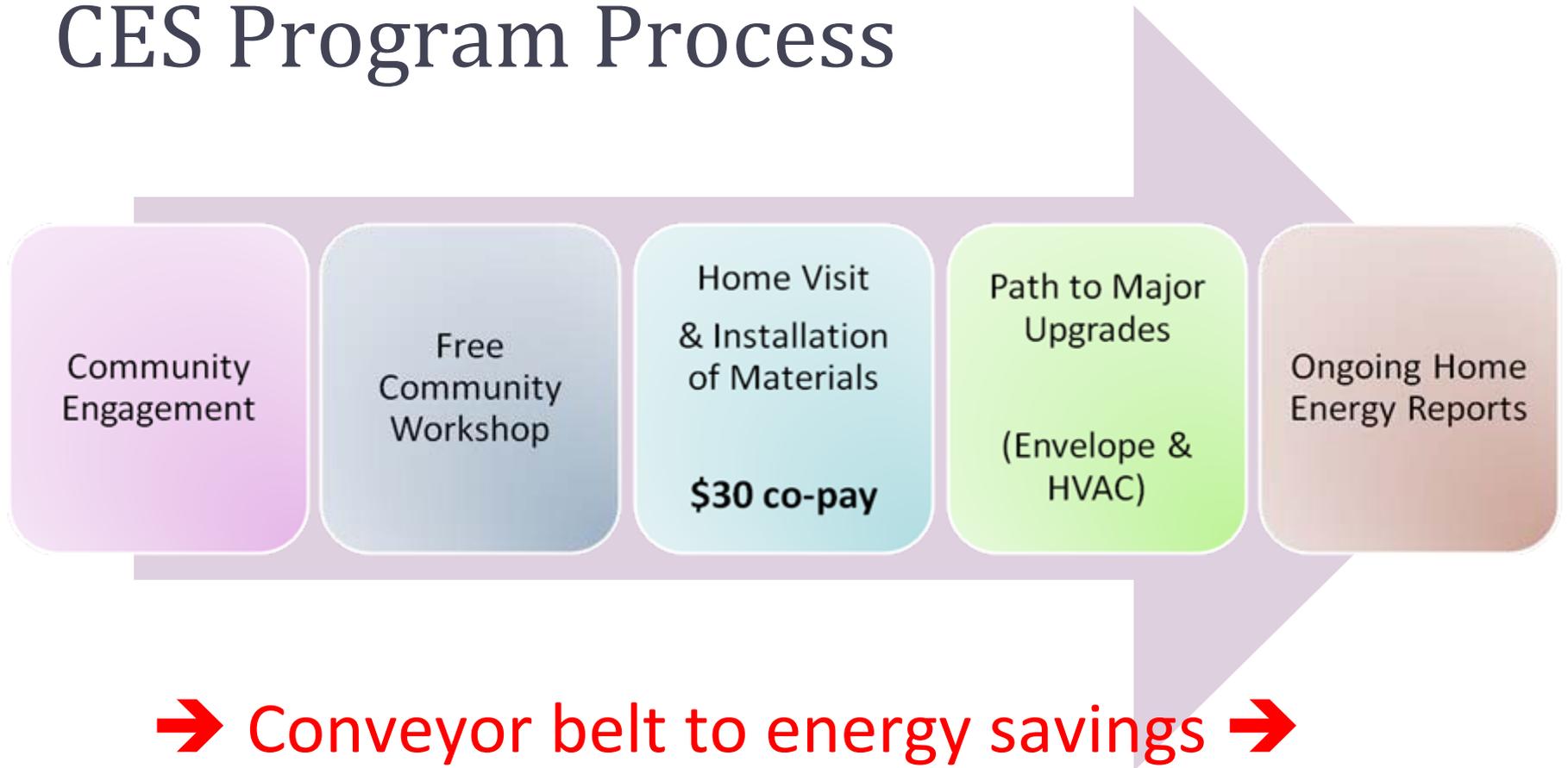
CES Program Funding

- CEE started program in 2009, with funding for 6,000 homes throughout Minnesota (8 cities incl. Mpls)
- Council-approved EECBG funding (\$705,000) enabled an additional 4,000 homes, commencing this summer
- Additional funding from:
 - LCCMR
 - CenterPoint Energy
 - Xcel Energy



Community Energy Services (CES) is a full-service, one-stop residential energy efficiency program designed to mobilize Minneapolis homeowners to save energy and money in their homes

CES Program Process



Workshops build community as well as commitment to energy efficiency





Home Visit

Energy Technician



Energy Counselor



- Help install materials*
- Run a blower door test to measure air leaks in your home*
- Review mechanicals*
- Recommend next steps*

Major upgrades



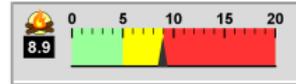
- Identified if needed at home visit
- Qualified contractors list provided for homeowner
- Quality control measures (post-inspection)
- Financing package provided (offering new 4.99% financing this fall)
- Follow-up after visit to assist homeowner through implementation phase (coordinate contractors, rebates, financing)

Personalized Energy Reports



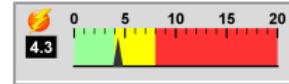
Your Home Energy Snapshot

Flame Index (Btu/sq.ft. - HDD/year)



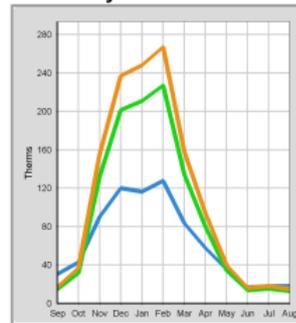
A good value for the Flame Index is 5 or less.

Spark Index (KWh/year/sq.ft.)

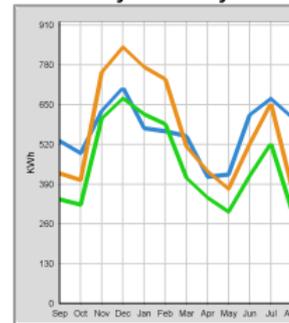


A good value for the Spark Index is 4 or less.

Monthly Natural Gas Use



Monthly Electricity Use



Annual Fuel Cost

	You	MN Average (for 1,570 sq.ft.)	Your Target	Savings Opportunity
Natural Gas	\$1,357	\$786	\$1,153	\$204
Electricity	\$636	\$640	\$489	\$147
Total	\$1,993	\$1,426	\$1,643	\$350

How does my home's energy use compare to other similar homes?

2010/2011 Production Goals

- 6,000 homes
- Achieve major upgrades in 25% of homes
- Average 10% overall energy savings for all homes

Results to-date

- 28 neighborhood organizations (every ward)
- 44 workshops
- 95% of attendees sign up for home visit
- 1,700 home visits completed
- 133 upgrades completed
- 300 upgrades pending
- Over \$230,000/yr direct reduction in energy bills
(1.7 million kWh, 100,000 therms)

Current neighborhood organizations

- **Field Regina Northrop**
- **Kingfield**
- **Audubon**
- **Fulton**
- **Longfellow**
- **Logan Park**
- **Hawthorne**
- **Victory**
- **East Calhoun**
- **Kenny**
- **Windom**
- **Tangletown**
- **Lyndale**
- **Waite Park**
- **Alliance Neighborhoods**
- **Bryn Mawr**
- **Linden Hills**
- **Standish Ericsson**
- **Seward**
- **Lind Bohanon**
- **Shingle Creek**
- **McKinley**
- **Webber Camden**
- **Folwell**

Upcoming Activities

- Release RFP to all Minneapolis neighborhood organizations for program participation (Sept 7th, due Oct. 25th)
- Working with Summit Academy on additional Minneapolis insulation contractors
- In 2011 will open up to all neighborhoods
(although those responding to RFP will receive additional opportunities such as pending McKnight funds)

How Council Members can help

- Attend City staff workshop THIS THURSDAY August 26th, 9am (RSVP to Cathy's office)
- Encourage neighborhood groups to respond to RFP
- Promote the workshops in your wards, including through Ward newsletters

Questions?

