

CCI'S HOME ENERGY SHOWCASE AND CONTEST OFFICIAL RULES



Taking Charge
**CCI'S HOME ENERGY
SHOWCASE**

Recognitions & Prize Categories

The Energy Showcase contest will recognize winners in three categories. Only PARTICIPANTS in the Energy Showcase program are eligible for any of these awards:

ENERGY CHAMPION - PARTICIPANT who successfully selects and completes the performance upgrade(s) to achieve the overall lowest energy use among the households of all other PARTICIPANTS. Differences attributable to family size will be addressed by CCI by normalizing energy use in each household by the average cited by Energy Information Agency for that family size.

UNSTOPPABLE UPGRADER - PARTICIPANT who successfully selects and completes the performance upgrade(s) that achieve the biggest improvement between the baseline and final energy use of their household, relative to their starting baseline use.

THRIFTY REDUCER - PARTICIPANT who successfully selects and completes the performance upgrade(s) that achieve the largest improvements for the least amount of invested money, as determined by the difference between baseline and final energy use divided up by "dollars spent on upgrades".

PRIZES:

ENERGY CHAMPION	1st prize: \$500	2nd prize: \$250
UNSTOPPABLE UPGRADER	1st prize: \$500	2nd prize: \$250
THRIFTY REDUCER	1st prize: \$500	2nd prize: \$250

In an event of one or more tied scores in any prize category, the prize money will be equally divided between the tied winning PARTICIPANTS. Limit one (1) prize per household. Prizes are not transferable. Federal, state, and local taxes on prizes are the sole responsibility of winners.

Registration

Interested parties start the registration process by filling out an online form available at <https://getenergysmarter.org/showcase> or by calling CCI's Sound Home Plan phone number (412-431-4623). Registration is considered completed by acknowledging CCI's Home Energy Showcase Official Rules and signing the PARTICIPATION AGREEMENT with CCI on or before the signup deadline of October 30, 2019. Both documents can be found at <https://getenergysmarter.org/showcase>.

Filled out AGREEMENT as well as a scan of the last two signature pages can be returned to CCI electronically by emailing Patty DiGuilio, patriciad@getenergysmarter.org, or by mailing the filled out and signed AGREEMENT to CCI at 64 S 14th Street, Pittsburgh, PA 15203, attn.: Patty DiGuilio. This letter has to be post marked no later than Oct 30, 2019. All PARTICIPANTS will receive an email confirmation of their registration.

None of CCI, or its respective employees, officers, directors, agents or contractors will be responsible for late, lost, nonconforming (missing information), illegal, damaged, misdirected, mutilated, postage due or illegible registration materials.

Eligibility

1) PARTICIPANT must be a homeowner or property owner of a residential building of up to 4 rental units ("homeowner" for short) of a property located in Allegheny County, PA, (verifiable via Real Estate Database <http://www2.alleghenycounty.us/>).

2) The house or the property entered into a competition must be built before 1989. This contest is intended for homeowners whose homes are in need of energy efficiency upgrades.

3) PARTICIPANT must be 18 years or older.

4) PARTICIPANT must purchase and schedule a Sound Home Plan ("SHP", <https://getenergysmarter.org/sound-home-plan>) energy audit to be performed by CCI in order to be eligible for consideration for a prize under this contest. CCI will conduct a Building Performance Institute (BPI)-level energy audit at the home (or property) of the PARTICIPANT at a discounted \$375 standard house¹ rate aligned with CCI's 2018 SHP pricing. PARTICIPANTS are encouraged to schedule the audit with CCI by calling CCI's Sound Home Plan phone number (412-431-4623) as soon as they register. CCI will attempt to accommodate scheduling within 1 week of the day of the request.

5) Each PARTICIPANT must complete at least one home energy performance measure recommended in the SHP audit report, with a known estimated energy savings opportunity, to be considered for the prizes under this contest. Please see below for the types of recommended measures that are typically recommended in the audit reports.

¹ For homes larger than 3,000 s.f. and with more than one furnace/boiler additional charges apply.

Costs of the SHP home energy audit and the home performance upgrade(s) selected by homeowner will be borne by the homeowner.

6) Each PARTICIPANT must allow CCI to publicly share information from their SHP energy audits (anonymous sharing is permitted) and will actively update on their progress and experience. This journey will be shared on social media throughout the duration of the Showcase.

7) Existing customers of Conservation Consultants, Inc. who had an original Sound Home Plan energy audit performed by CCI after Aug 15, 2018 (and have not since executed major upgrades) are eligible to sign up and win prizes in the Home Energy Showcase contest without the need to have another audit performed.

8) Employees of the Sponsor (Conservation Consultants, Inc.), members of the CCI Board of Directors, and members of their immediate families are ineligible to win prizes.

This competition and all participants are subject to all federal, state and local laws and regulations.

Categories of Home Improvement and Conservation Measures

Although PARTICIPANTS must undertake at least one of the home performance improvements specifically recommended in their SHP audit report, CCI will recognize 3 categories of actions that PARTICIPANTS have taken to reduce their energy use in evaluating results for purposes of determining prize winners for this contest:

- 1 DIY actions taken for home improvement**, including measures like installing and adjusting a programmable thermostat, upgrading lights to LED lights, turning off a second fridge, air sealing, adding storm windows, etc. These actions would appear in the SHP report as recommendations for the house and have a predicted energy savings associated with them in the report². PARTICIPANT should inform CCI if there are any energy reduction actions they intend to take that might be missing on the report summary page and upon evaluation this could be adjusted. For example, upgrading an appliance to Energy Star is not typically included as a recommendation in the SHP report, but it can be accommodated. One can also hire a contractor for implementing any of these actions, if desired.
- 2 Working with contractors who perform upgrades based on SHP report recommendations.** Typical improvements involve air sealing of leaks in the home, adding insulation in the attic and/or walls, weatherizing or replacing doors, storm windows, windows, replacing inefficient HVAC equipment, etc. These actions would appear in the SHP report as recommendations and have a predicted energy savings associated with them. CCI's Sound Home program has access to vetted and certified home performance contractors whose services are encouraged, as they are part of SHP program and support CCI's mission. CCI will connect PARTICIPANTS with these

² CCI will make the best effort to deliver a complete SHP report to the PARTICIPANT within 10 days of the audit.

contractors as well as perform quality assurance on their work. If the PARTICIPANT performs this work as DIY, it also counts.

- 3 Undertaking of additional conservation practices/behavioral changes that impact energy use** – e.g., cutting phantom electronics loads, reducing hot water use, air drying laundry. None of these recommendations would appear in the SHP audit report. CCI will send tips of how to achieve these actions, and each of these conservation practices will have an associated small average energy reduction value. We ask PARTICIPANTS to send us pictures documenting their effort. This 3rd category of actions does not qualify the PARTICIPANT to compete for the prizes in the competition, if this is the only category from which the measures are implemented.

Timeline and Timeline-related Actions Required of PARTICIPANTS

- The Showcase opens on Aug 21, 2019.

- Last day to signup is Oct 30, 2019, midnight, for electronically submitted signed PARTICIPATION AGREEMENT, and Oct 30, 2019 post mark when mailing the documents via USPS. CCI is not responsible for lost, late, incomplete, illegible, inaccurate, undelivered documentation.

- Prior to or at the time of the CCI energy audit (scheduled individually with each household) PARTICIPANT needs to provide 1 year worth of energy (gas and electricity) data. This data is used in software modeling of the energy savings available for this household/property. Exceptions will be made for new homeowners who did not live at their home in the prior year. As part of the energy audit, PARTICIPANT also needs to provide 1 year worth of monthly photovoltaic (PV) production if PV is installed on their home; similarly for geothermal energy. For the purpose of this competition, the focus is on building performance, and energy use will be adjusted by the generated energy.

- End date to have any of the recommended measures installed is April 30, 2020. Upon completing home upgrade(s) PARTICIPANT should notify CCI with the list of implemented measures and any documentation of such completion (e.g., receipts for LED lights or thermostat purchase, or signed contractor quote, photographs). Verification of some of home improvements will require a second site visit from CCI and the new air leakage measurement for the home (if work was done to improve it). This second visit is free to Showcase PARTICIPANTS. Each PARTICIPANT who implemented measure(s) from the 1st and 2nd category of potential actions will receive an updated SHP report from CCI. The updated “Saved” and “Improved” projected energy use values from this report will be used in determining the winners of the Showcase.

- Material and/or labor receipts for work by DIY or by contractors other than SHP participating contractors and any photographic documentation of additional conservation practices are due by COB of May 15, 2020. CCI requests to receive these upon completion of work, rather than on the last day. CCI is not responsible for lost, late, incomplete, illegible, inaccurate, undelivered documentation.

- Competition Results Announcement will be during the month of June, 2020.

Determination of Showcase Winners

The main tool to determine the energy use reductions in this Showcase will be the software SnuggPro from the home performance software vendor Snugg Home, LLC. CCI uses this software in our energy auditing process and the tool has the ability to predict energy savings for each of the recommended measures separately. With the CCI Sound Home Plan (SHP) audit, each PARTICIPANT will receive a SHP report. This report will identify potential actions that the PARTICIPANT can take to reduce energy waste at home. CCI will also calculate the associated carbon footprint for each participant's house and establish PARTICIPANT'S baseline home performance (Energy Use Baseline, or EUB, combining electric and gas usage, as expressed in the SnuggPro). Geothermal or PV energy generation will be added back to PARTICIPANT'S energy bills to specifically determine their home performance. CCI opted to rely on software modeling for energy savings prediction to be able to determine the winners shortly after the measures have been installed. CCI acknowledges that every energy savings modeling tool has some limitations and inaccuracies, and there is a limit to the precision with which selected SnuggPro tool predicts the actual future energy savings. However, a consistent use of the same tool for each PARTICIPANT is expected to provide a fair method of selecting winners.

CCI will use the following scoring methodology:

- 1) Each conservation practice and behavioral change, as described in the 3rd category of actions provided by CCI that can be taken by PARTICIPANTS will have an associated small energy reduction value explained in CCI's tips. CCI will rely on documentation / pictures provided by PARTICIPANT to approve using this energy reduction value in the "conservation practices" energy reduction estimate for their household.
- 2) Energy Use Final (EUF) for the PARTICIPANT'S household will be calculated by subtracting the "conservation practices" from the projected achieved energy use (both electric and gas, combined) for that household, for measures that were confirmed as implemented, and as reported in the updated SHP audit report. (Each PARTICIPANT who undertook energy reduction measures of 1st or 2nd category will receive an updated SHP audit report that would reflect these implemented measures.)
- 3) Energy Use Reduction (EUR) will be calculated by adding the "Saved" energy reported in the updated SHP audit report (both electric and gas, combined) and the "conservation practices" as above.
- 4) To account for the difference in household sizes and the necessary adjustment for comparing household of 2 people versus, e.g., household of 5 people, CCI will introduce a Normalized Energy Use Final (NEUF) where the EUF is divided by the average Northeastern US energy use cited by Energy Information Agency for a household of a given size.
- 5) "Dollars spent on upgrades" are only needed for PARTICIPANTS who want to compete for the THRIFTY REDUCER prize. For those PARTICIPANTS who provide material and labor receipts for work

performed to upgrade their homes will be evaluated by CCI for plausibility and completeness. For example, in a DIY case of installing insulation in the attic, CCI will measure the insulation levels, estimate what the insulation might cost and compare to PARTICIPANT'S receipt using typical cost and sources for such material. (Blowing equipment is usually available for free when one buys certain amount of insulation.) Several smaller costs for baffle vents, air sealing in the attic, treatment for attic hatch, etc., which are necessary to take care of while improving the attic, would be expected to be included in the receipts. CCI may substitute CCI's estimate of cost in some implausible cases, should these arise.

- 6) Two "**ENERGY CHAMPION**" recognitions will be given to the households with lowest and second-lowest energy use, as determined by lowest NEUF.
- 7) Two "**UNSTOPPABLE UPGRADER**" recognitions will be given to the households which achieved the best (biggest) and second-best improvement, as determined by EUR/EUB.
- 8) Two "**THRIFTY REDUCER**" recognitions will be given to the households which achieved the largest and second-largest improvements for the least amount of invested money, as determined by EUR/"dollars spent on upgrades".

In the event that more than one PARTICIPANT achieves the same winning score in a given prize category, the applicable prize will be equally divided amongst the total number of tied and verified PARTICIPANTS. If winning PARTICIPANTS fail to claim their prize, CCI shall use reasonable efforts to award the prize amongst the remaining PARTICIPANTS (with the next highest applicable score or, in case of a tie, to the remaining pool of winning PARTICIPANTS who do successfully claim their prize).

VALIDATION. All registration and other materials submitted by PARTICIPANT are subject to validation by CCI. Required actions (e.g., submission of registration materials, required records, etc.) will be void and disqualified if late, nonconforming (missing information), illegal, mutilated, tampered with, or illegible. CCI, its officers, directors, employees, contractors and agents are not responsible for typographical, printing, or other inadvertent errors in these rules or in other materials relating to this contest, and such materials relating to this contest containing such errors shall be void.

WINNERS. Winners will be notified by telephone and/or email by June 5, 2020. Winners must have complied with all requirements set forth in these Official Rules and may be required to sign an affidavit of eligibility, along with a prize release within fifteen (15) days of notification, or the prize will be forfeited and may be awarded to an alternate winner. Failure to comply with the requirements set forth in these Official Rules may result in disqualification. By accepting prizes, winners agree to release Conservation Consultants, Inc., and its officers, directors, employees and agents and contractors from any and all liability, loss or damage of any kind arising out of or in connection with winner's participation in this contest, or with respect to awarding, receipt, possession, use and/or misuse of any prize or participation in prize-related activities. By accepting prize, winners further acknowledge that CCI and its officers, directors, employees and agents and contractors have neither made, nor are in any manner responsible for, any warranty, representation or guarantee, express or implied, in fact or in law, relative to prize or in any portion thereof.

WINNERS LIST. The complete list of winners will be available on CCI's website by June 30, 2020 at <https://getenergysmarter.org/showcase>.

SPONSOR. CONSERVATION CONSULTANTS, INC., 64 S 14TH STREET, PITTSBURGH, PA 15203