

Getting Real About Home Energy

Resource List

This resource list provides hyperlinks and brief descriptions of some of the resource material referenced during the *Getting Real About Home Energy training*, as well as some additional resources for your reference.

City of Saskatoon Home Energy Resources for SRA Members

As part of the *Getting REAL About Home Energy training*, here are some City of Saskatoon resources that were created with homeowners in mind, and that might be valuable resources for real estate agents to share with their clients.

- **Home Energy Reno Resources**

The City's main hub for all home energy tools described below is found at [Saskatoon.ca/RenoResources](https://saskatoon.ca/RenoResources)

- **Home Energy Map and Retrofit Roadmap**

Saskatoon's Home Energy Map can be found at: [Saskatoon.ca/EnergyMap](https://saskatoon.ca/EnergyMap)

The City of Saskatoon's Home Energy Map is a self-service online tool that provides homeowners with a digital energy score for their home plus a customized "retrofit roadmap" to boost the comfort and efficiency of their home.

The core goal of the Map is to educate and engage homeowners to start them on the right path toward deep energy renovations, and to connect them with resources like the City's Energy Coaching service to maintain their momentum and access information about rebate and loan programs.

- **Free Energy Coaching Service**

Details about the City's free energy coaching service can be found at [Saskatoon.ca/EnergyCoaches](https://saskatoon.ca/EnergyCoaches)

Available to all Saskatoon residents, Energy Coaches can:

- Walk homeowners through the basics of starting a home energy improvement project.
- Educate homeowners on upgrades that can reduce energy use, including insulation, window and door replacements, air source heat pumps, solar installations, and more.
- Explain the benefits of a home energy audit and help homeowners understand the report results.
- Assist with prioritizing upgrades based on factors like cost, comfort, and energy reduction.
- Provide information on [Canada Greener Homes initiative](#) and other financial incentives and rebates that will help you get the work done.
- Suggest habits and tips that can help reduce day-to-day energy consumption.

- **Solar Potential Map**

Visit the solar map: <https://solar.myheat.ca/saskatoon/>

This tool is available for any single-family residential home in Saskatoon city limits. Homeowners can use this self-serve tool to:



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- Explore personalized financial and environmental benefits of getting solar panels for your home.
 - Learn about their roof's yearly usable sunlight hours and get an estimate of solar panel space available on their home.
 - Check available incentive programs and contact a local installer using the quote template provided.
- **Bonus content: Healthy Yards**
The City's main hub for yard and garden information is found at [Saskatoon.ca/HealthyYards](https://saskatoon.ca/HealthyYards)

This webpage has how-to guides for healthy yards including composting, gardening, low water gardening, increasing biodiversity, and much more.

Other Interactive Resources

SaskPower

- [Online Energy Assessment for Homes](#)
Use this tool to estimate a home's electricity and natural gas usage by inputting basic information about the home and occupancy.
- [Home Power Use](#)
An interactive map of appliances in the home with corresponding energy saving tips.
- [Light Bulb Calculator](#)
Compare the energy use and cost savings of replacing different types of lightbulbs with LED bulbs.

Natural Resources Canada

[Energy Star Certified Products in Canada](#)

Searchable databases of energy star products and building components available in Canada

Home Energy Efficiency Funding Opportunities

- **Natural Resources Canada:** [Canada Greener Homes Grant and Loan](#) (Only loan is accepting applicants as of February 12, 2024)
Open to all Canadians for their primary residence. Up to a \$5600 grant is available for EnerGuide audit and eligible energy retrofits. An additional 10-year interest-free loan of up to \$40,000 is available to participants.
- **SaskPower:** [Energy Assistance Program](#)
Open to SaskPower and Saskatoon Light & Power customers with \$70,000 or less annual household income. It includes a walkthrough with an energy advisor and installation of the following measures: smart thermostat, LED bulbs, smart power bar, low-flow shower head, low-flow faucet aerators, and clothes drying rack.



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- **SaskEnergy:** [Residential Equipment Replacement Rebate](#)
Open to all SaskEnergy residential customers, for replacement of existing natural gas equipment with high-efficiency versions, and HRV installation. The program includes furnaces, boilers, combi boilers, tank water heaters, tankless water heaters, condensing water heaters, and heat recovery ventilators.
- **SaskEnergy:** [Homes Beyond Code Rebate](#)
Open to new homes built with a SaskEnergy service and EnerGuide label showing performance to Tier 3, 4, or 5 of NBC 9.36 energy code. Rebates are available for the homeowner and the home builder.
- **Saskpower/SaskEnergy:** [Home Efficiency Retrofit Rebate](#) (Not accepting new applicants as of Feb 12, 2024)
Open to all Saskatchewan residents. Requires enrollment in the Canada Greener Homes Grant. It provides up to \$2000 rebate for energy audit, air sealing, insulation, and window/door replacement.
- **Canada Mortgage and Housing Corporation:** [Eco Plus Premium Refund](#)
Open to all Canadians. Refund of 25% of CMHC home mortgage insurance premium for houses with greenhouse gas emissions among the lowest 15% of housing stock, and energy consumption of at least 20% lower than a typical new house.

Real Estate Studies & Training Courses

- **Canadian Real Estate Association:** [A Homeowner's Guide to Energy Efficiency](#)
A slide deck tailored to those looking to buy or sell their home.
- **National Association of REALTORS® (NAR):** [Green Designation](#)
Earning NAR's Green Designation positions REALTORS® as leaders in the green real estate market who are fully equipped to help clients take advantage of the benefits in energy-efficient housing.
- **National Association of REALTORS® (NAR):** [Energy Efficiency Micro Courses](#)
Short on-demand web courses introducing energy efficiency topics for real estate agents.
- **Climate for Change:** [Realtor Energy Efficiency Toolkit](#)
A slide deck for training put on by the City of Edmonton for real estate agents in 2019.
- **InterNACHI:** [Home Energy Efficiency for Real Estate Professionals](#)
A course for real estate professionals focussed on home energy efficiency (must be registered with InterNACHI).
- **Clean Air Partnership.** (2022). [Advancing Energy Labeling in the Residential Sector](#)
- **Sussman, R., Kormos, C., Park, C., & Cooper, E.** (2020). [Energy Efficiency in Real Estate Listings: A Controlled Experiment](#).



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Home Energy Efficiency Reading Materials

- **Natural Resources Canada:** [Keeping the Heat In](#)
Illustrated building science and home energy retrofit guidance
- **BC Housing:** [Residential Design and Construction Guides](#)
Multiple guides addressing different aspects of building construction. See in particular the guide: *Best Practice Guide: Air Sealing & Insulation Retrofits for Single Family Homes*
- **Building Science Corporation:** [Blog and Articles](#)
An extensive collection of high-quality free blog posts and articles spanning many different building science topics.
- **Energy Vanguard:** [Blog](#)
An extensive collection of high-quality free blog posts focussed on home energy efficiency and building science.
- **Green Building Advisor:** [Blogs and Discussion Boards](#)
An extensive collection of building science and energy efficiency content. The blogs require a paid subscription, but many of the discussion boards are free to view and include comments by knowledgeable blog writers.

Canadian Green Building Certification Organizations

- **[Canada Green Building Council](#)**
Canadian non-profit dedicated to efficient buildings, specifically LEED and Net Zero Carbon standards
- **[Passive House Canada](#)**
Canadian no-profit dedicated to efficient buildings, specifically the Passive House standard
- **[Passive Buildings Canada](#)**
Canadian non-profit dedicated to efficient buildings, specifically the Passive House standard.
- **[Built Green Canada](#)**
Canadian building industry organization dedicated to efficient buildings, specifically the Built Green standard.
- **Natural Resources Canada**
NRCan administers the [R-2000 standard](#) as well as the [Energy Star for New Homes standard](#)
- **[Canadian Home Builders Association](#)**
Canadian building industry organization which administers the CHBA Net Zero Homes standard

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