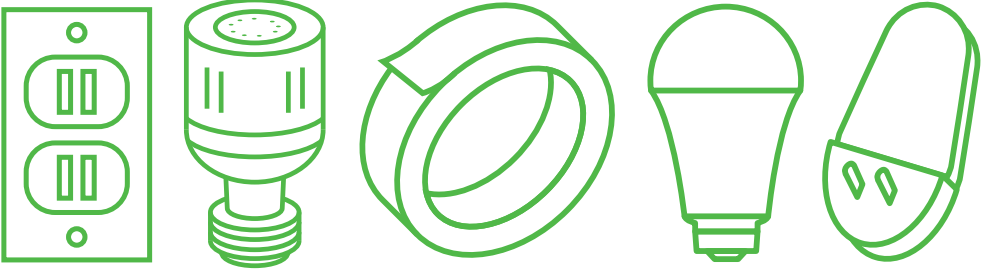


Energy Saving Kit

Installation guide
and energy-saving
tips designed for
your home.



Saving starts here

Your Energy Saving Kit has been designed for you, based on your specific needs.*

Follow the installation guide to make your home more comfortable and energy-efficient.

| | |
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*Some products may or may not be included in your kit, depending on the answers you provided when you applied for this free kit.

Safety first!

For maximum energy savings and safe operation, proper installation is important. Please read and follow the instructions carefully.

For videos about how to install the products in your Energy Saving Kit, go to png.ca/conservation-education/energy-saving-tips.

If you're uncertain about any instructions or building and safety codes, please contact an electrician or trade professional before proceeding. If you rent, check with your landlord before using the kit.

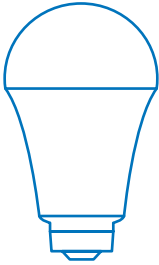
Remember these things while putting your new kit to work:

- Unplug all electrical devices and appliances before working with them. For outlets and switches, turn off electricity from your circuit breaker panel.
- Use an approved ladder to reach high places, and maintain three points of contact (both feet and one hand) at all times.

Have questions about the products or how to install them? Call our service provider, Ecofitt, at **1 877 ECO FITT (326 3488)**.

Save power

Being more aware of your energy consumption can help you save. This kit includes a few products for saving power.

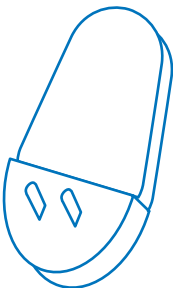
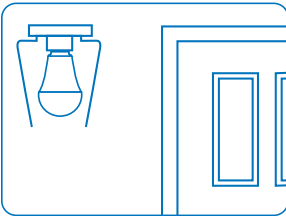
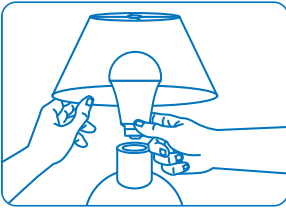


LED light bulbs

LEDs use at least 75% less energy than incandescent lighting, and last up to 25 years based on average household use.

Maximize savings by replacing bulbs that are on for long periods of time (15 minutes or longer). LEDs are instant on and dimmable.

LightRecycle accepts and recycles all light bulbs. Visit lightrecycle.ca to find a location near you.



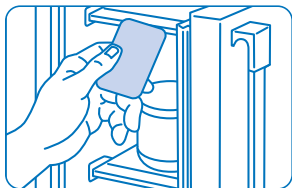
LED night light

To maximize savings, use your ultra-efficient LED night light instead of leaving a bathroom or hallway light on. Plug it in and it will turn on automatically when it's dark.



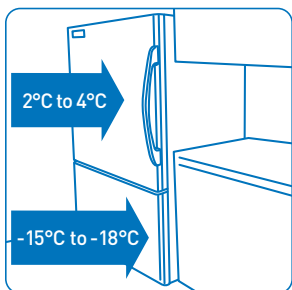
Fridge and freezer thermometers

Keep your fridge and freezer within ideal temperatures to conserve energy.



Step 1

Put your card in a visible spot inside the fridge. Allow 15 minutes for thermometer to adjust.



Step 2

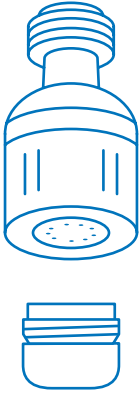
Check the reading. The ideal temperature for the fridge is 2 C to 4 C and -15 C to -18 C for the freezer. If your card reads outside this range, adjust the temperature dial. Recheck the following day.

Step 3

Repeat Steps 1 and 2 with thermometer in the freezer.

Save water

Hot water can cost B.C. households up to \$250 worth of energy per year. This kit includes a few products to help conserve water.

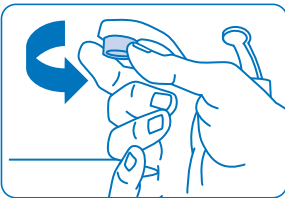


Kitchen and bathroom tap aerators

Aerators can use up to 50% less water and can be installed in both the kitchen and bathroom.



For a video on how to install aerators, go to png.ca/conservation-education/energy-saving-tips.



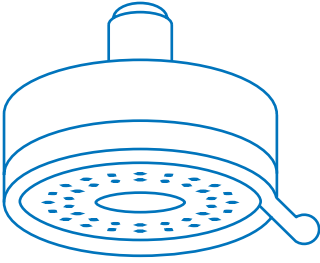
Step 1

Unscrew your old aerator. If the grooves are on the inside of the aerator, place both rubber washers in the top of the aerator. If the grooves are on the outside of the aerator, use the thin washer.



Step 2

Gently screw on the new aerator and tighten carefully. Be sure not to cross threads.

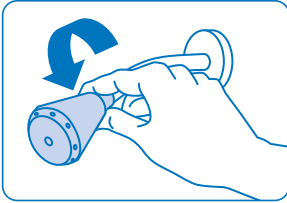


High-efficiency showerhead

Your new showerhead uses up to 50% less water. Use the outer ring to adjust between the two spray settings (fine and massage).

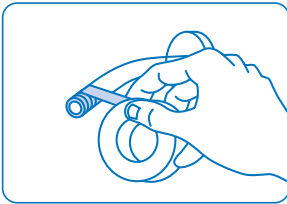


For a video on how to install a high-efficiency showerhead, go to png.ca/conservation-education/energy-saving-tips.



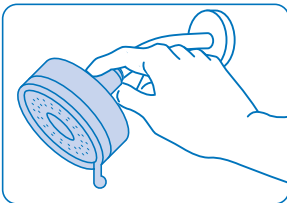
Step 1

Remove old showerhead, then briefly turn on the water to rinse out the pipe.



Step 2

To prevent leaks, clean the threads on the outside of the pipe, then tightly wrap with the thread-seal tape clockwise around the end of the pipe 3-4 times.



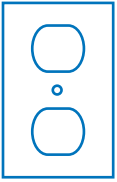
Step 3

Screw the new showerhead onto the pipe and tighten.

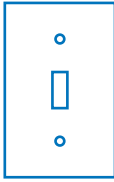
Save heat

Heating is likely your biggest energy expense.

This kit includes products that can help you keep the heat in.



Outlet
sealer



Switch
sealer

Outlet and switch sealers

Prevent cold air from seeping through your outlets and light switches with these foam pads.

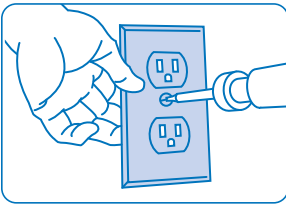
They're most effective at preventing heat loss when installed on perimeter walls of your home.

Remember to turn off your electricity at the circuit breaker before starting.



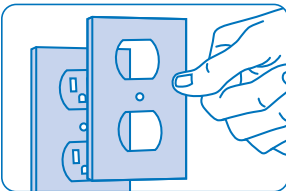
For a video on how to install outlet and switch sealers, go to

png.ca/conservation-education/energy-saving-tips.



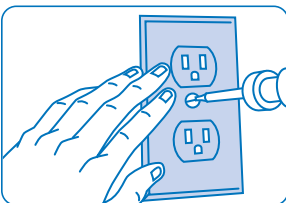
Step 1

With the electricity off, use a screwdriver to remove the cover on your outlet or switch.



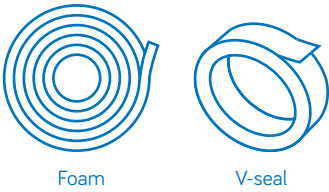
Step 2

Place a foam pad on the outlet or switch. Cut off any excess material.



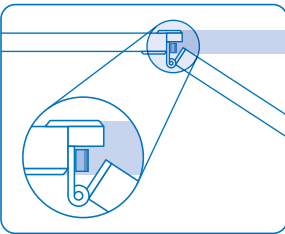
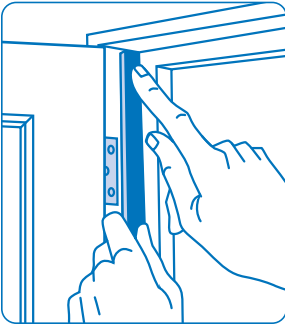
Step 3

Gently reattach the cover.

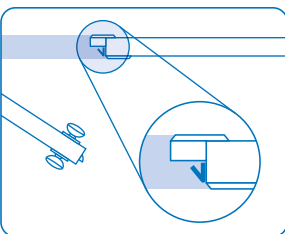
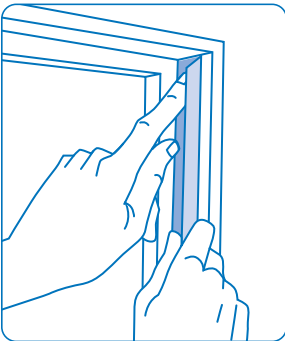


Foam

V-seal



Top-down view of door jamb



Top-down view of door jamb

Weatherstripping

Stand inside the house, facing your draftiest door. Measure the door frame and cut the weatherstripping to length.

Apply the foam weatherstrip to the hinge side of the door jamb and the V-seal weatherstrip to the latch side of the door jamb. See detailed instructions for each foam and V-seal below.



For a video on how to install weatherstripping, go to pnc.ca/conservation-education/energy-saving-tips.

Foam

Step 1

Place foam tape against the door jamb with the adhesive side on the jamb.

Step 2

Peel away backing paper and press into place.

V-seal

Step 1

Fold the V-seal in a line down the middle to create a “V” shape.

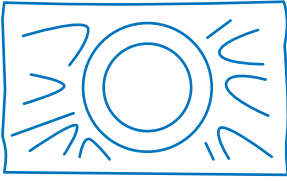
Step 2

Place the V-seal against the jamb with adhesive side on the jamb. The top of the “V” should meet the doorstep.

Step 3

Peel off the backing paper and press into place.

More information about installing V-seal can be found on product packaging.



Window insulator film

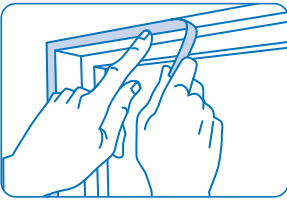
(may be included in kit)

This film helps insulate your windows to prevent heat loss and drafts and is easily removed in spring.



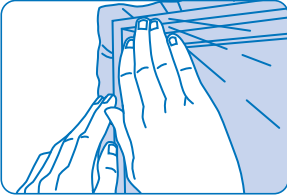
For a video on how to install window insulator film, go to

png.ca/conservation-education/energy-saving-tips.



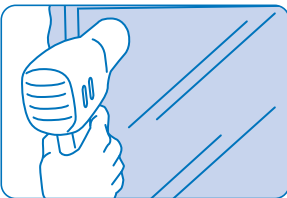
Step 1

Apply double-sided tape all around the clean, dry window frame on the edges that face into the room. Cut plastic film the size of the frame, plus leave a few extra inches on each side.



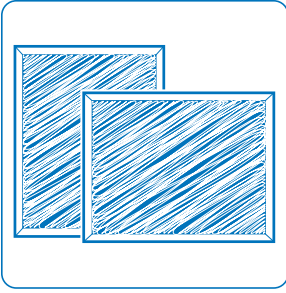
Step 2

Remove paper backing from the top of the frame, then pull film across the strip. Try not to stretch the film too far. Repeat this for the sides and bottom of the frame.



Step 3

Use a hair dryer on low setting and move slowly across the window frame to set the film, then carefully trim excess film from the frame's edges.

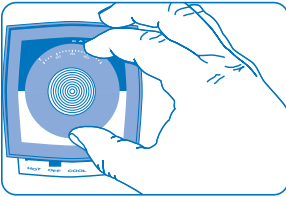


Furnace filter

If you have a furnace in your home, change your furnace filter every 3-6 months for high air quality.

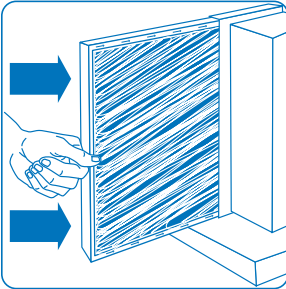


For a video on how to install a furnace filter, go to png.ca/conservation-education/energy-saving-tips.



Step 1

Turn off your thermostat before you start working. Slide out the current furnace filter. Note the direction of the arrows on the filter.

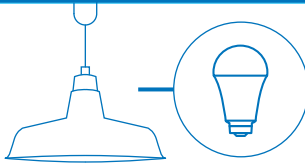


Step 2

Slide the new filter into position. Ensure the arrows point in the same direction as the filter you removed. Close the filter access panel and turn the thermostat back on.

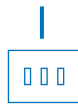
More tips to save

Follow these handy tips to save even more on your utility bills.

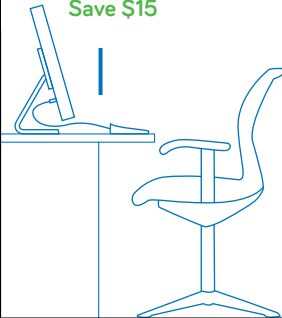


Switch to energy-efficient LEDs
Save \$6/bulb

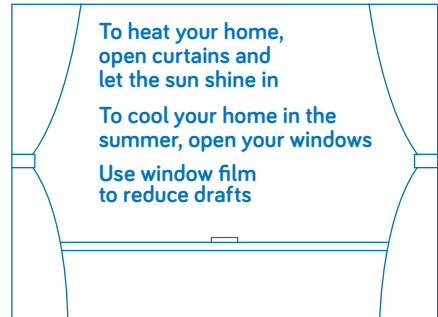
Turn off one light
Save \$7



Switch off your computer
Save \$15



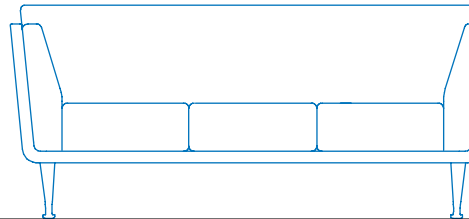
Turn off your space heater
Save \$58



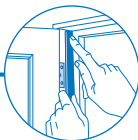
To heat your home, open curtains and let the sun shine in

To cool your home in the summer, open your windows

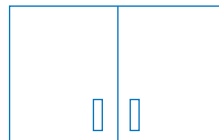
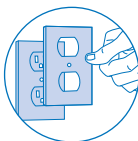
Use window film to reduce drafts



Use LEDs in high-use areas

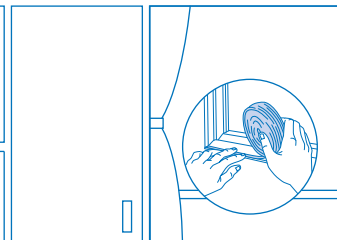


Use door weatherstripping and outlet and switch gaskets to reduce drafts
Save \$31

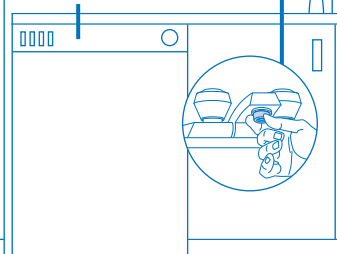


Get rid of your second fridge
Save \$55

Set your fridge to 3°C - 4°C and freezer to -18°C
Save \$25



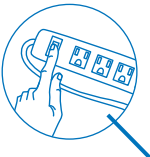
Skip the heat-dry setting on your dishwasher
Save \$8




All savings are approximate annual savings and calculated based on an average single family dwelling.

The space and water heating calculations are based on PNG's residential natural gas rate as of September 2020. All electrical savings calculations are based on a blended average of BC Hydro's residential rate.


All actual savings will vary according to your housing type, furnace type, and behaviours.



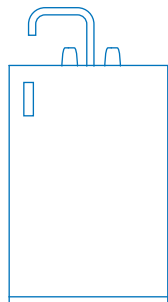
Use a powerbar and switch it off when you're done
Save \$7




Turn off tv when not watching
Save \$5




Switch to a high-performance shower head
Save \$61



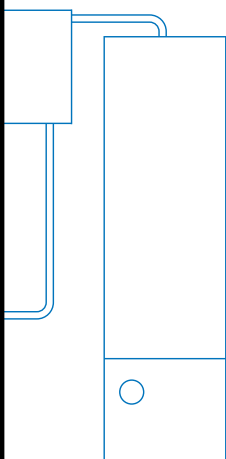
Take shorter showers
Save \$32



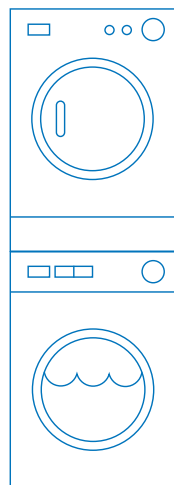
Use an LED night light
Save \$3



Stop drafts with weatherstripping
Save \$3

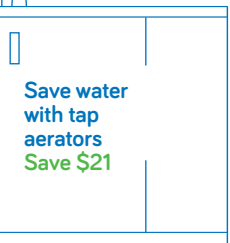


Set thermostat to 20°C when you're at home and 17°C when out or asleep
Save \$76



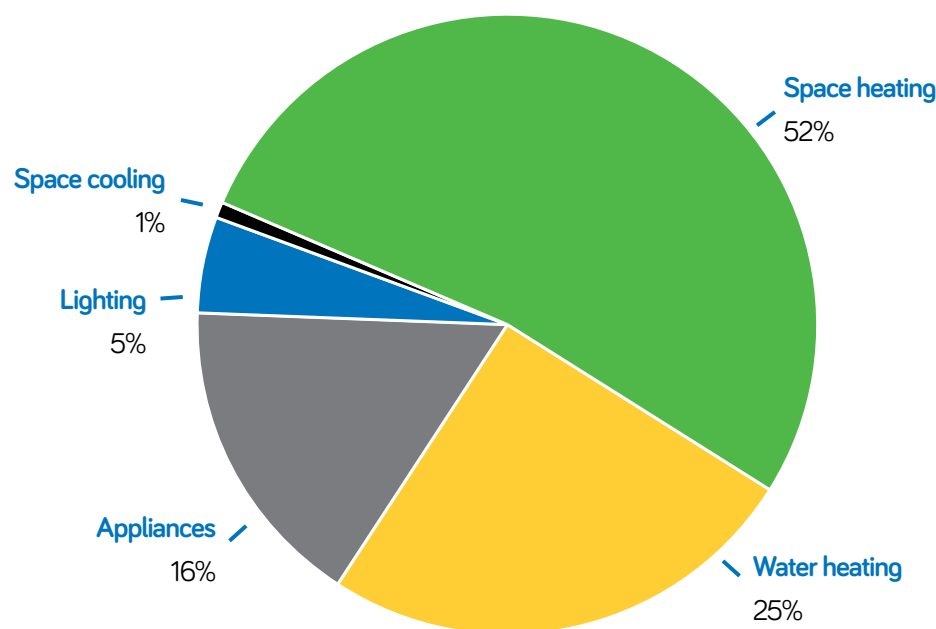
Dry full loads only
Hang dry 3 loads of laundry a week
Save \$40

Wash 3 loads in cold water a week
Save \$22



Save water with tap aerators
Save \$21

Where your energy use goes



Source: NRCan Office of Energy Efficiency Comprehensive Energy Use Database.
Tables Residential Sector, British Columbia 2015.

Access your accounts online.

BC Hydro

- Create an online account at bchydro.com/myhydro.
- View your bill and manage your account.
- Track your energy use.
- Join Team Power Smart.

Team Power Smart

- Start a 10% energy-reduction challenge for a chance to earn a \$50 reward.
- Access exclusive contests and special events.
- Get energy-saving tools and tips.
- Learn more at bchydro.com/jointheteam.

Pacific Northern Gas

Set up online access to your Pacific Northern Gas account to view current account balance and past bills at ebill.png.ca

Go to png.ca/forms to:

- Update your account information.
- Start, stop or move your service.
- Sign up for the Budget Billing and Pre-authorized Payment Plans.

Looking for more ways to save energy and money around your home?
We have lots of great ideas, so get in touch today.

BC Hydro

Visit bchydro.com

Call **1 800 BCHYDRO (1 800 224 9376)**

or **604 224 9376** in the Lower Mainland.

Pacific Northern Gas

Visit png.ca/savingenergy

or call **1 800 667 2297** (toll free)

Was this kit useful? Please let us know.

We're always working to improve what we do.

Visit bchydro.com/esksurvey



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with 100% post-consumer waste. Please recycle.

BCH20-806