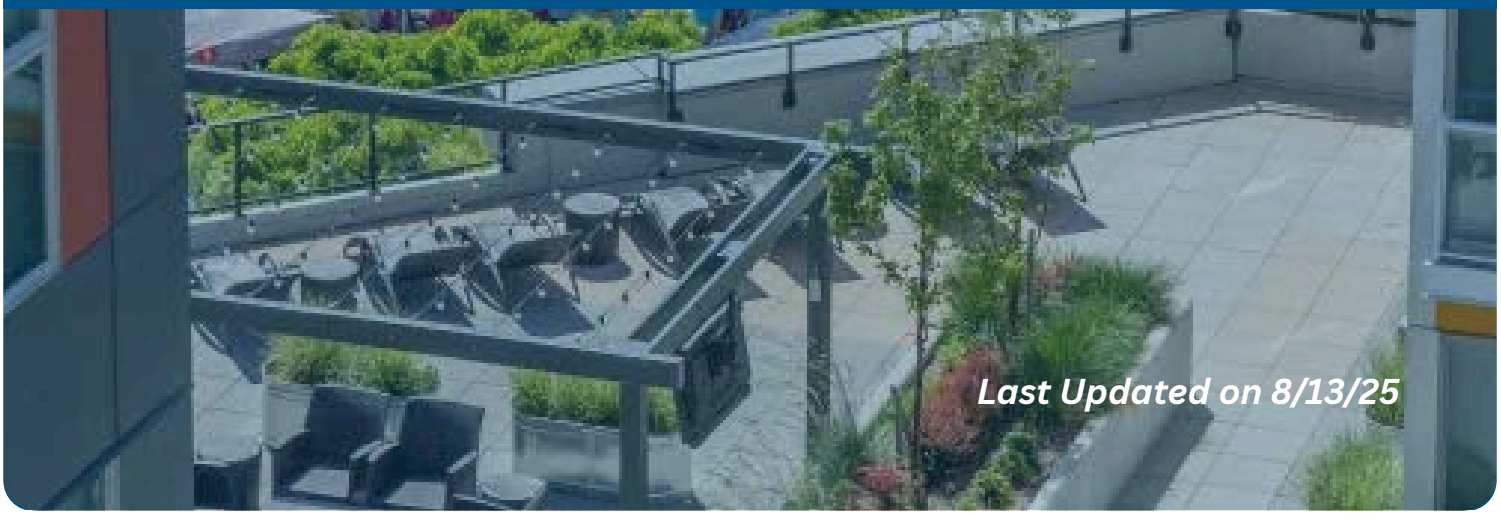


Burien

Electrify Burien
Campaign Toolkit



Last Updated on 8/13/25

Table of Contents

Sustainability Ambassadors 1
Purpose 2
Mission 3
Why Sustainability Matters 4
Electrify Burien Campaign! 6

PROJECT TYPES!

- Heat Pumps! 7
- Weatherstripping! 9
- Insulation! 11
- Smart Thermostat! 13
- Induction Cooktops! 15
- Heat Pump Dryers! 17
- Double-Pane Windows! 19
- Electrical Panel! 21

How to Apply 23
Conclusion 24

Sustainability Ambassadors

Every day, cities all across King County come alive with students wanting a better future for all.

Sustainability Ambassadors is more than an organization: it's a community's heartbeat, empowering youth to become the leaders we need.

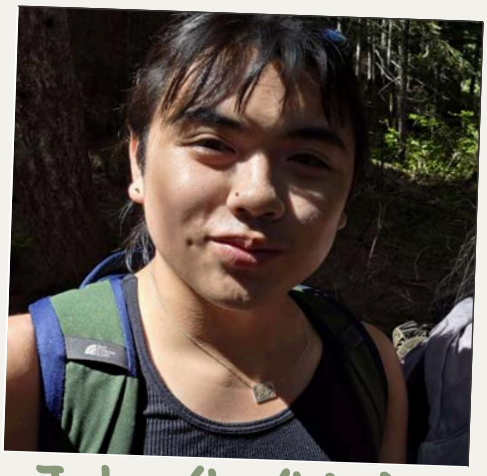
Through a year-round leadership program in cities just like Burien, young change-makers learn to design meaningful projects, track their impact, and tell powerful stories that inspire action!

Introducing the JJ team, a small but mighty crew working collectively for our future, moving faster toward a sustainable tomorrow!



Julian (he/him)

click to learn more about me!



John (he/him)

click to learn more about me!

Learn more about us on our website:
sustainabilityambassadors.org

Purpose

The purpose of the Electrify Burien campaign is to empower Burien residents to take meaningful, local action in response to climate change through home-based energy conservation.

Rooted in the City of Burien's Climate Action Plan, this program reflects our city's commitment to sustainability, equity, and environmental stewardship. Electrify Burien provides practical support, guidance, and financial incentives through our rebates to help our diverse, tight-knit community reduce emissions, increase energy efficiency, and build climate resilience.

Together, through everyday decisions and shared resources, we can shape a more sustainable future: one household at a time.

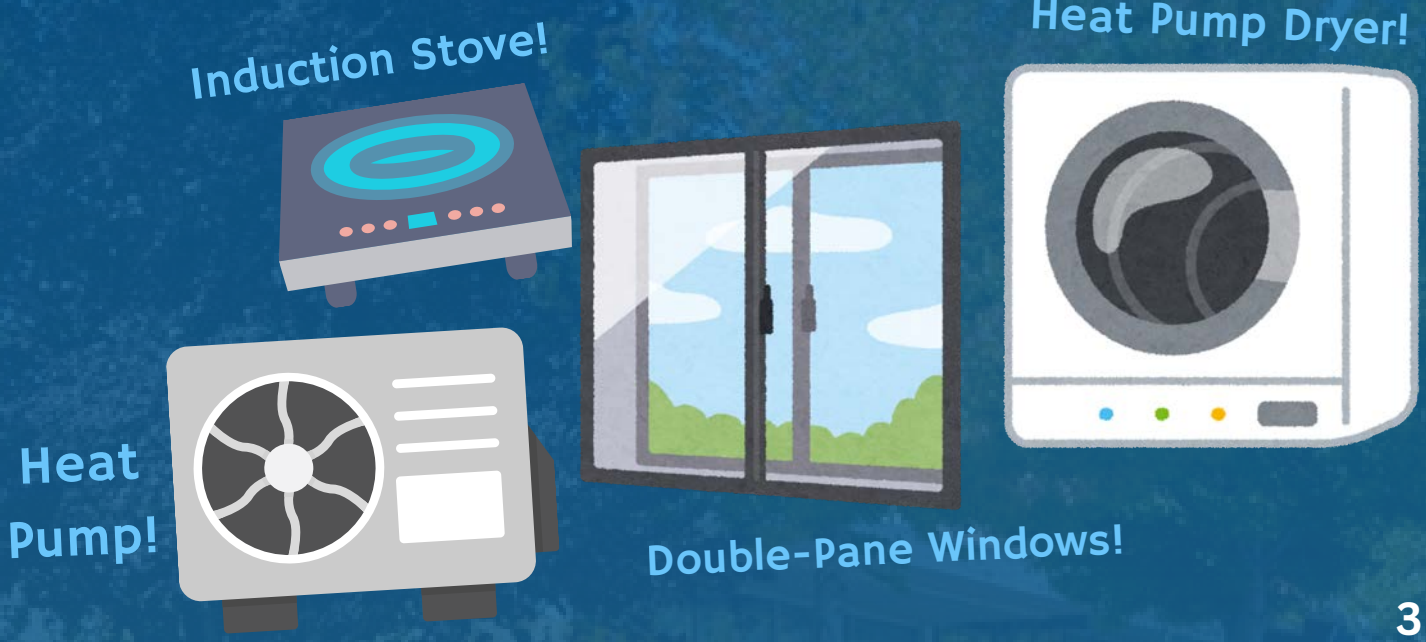


Mission

The mission of the Electrify Burien campaign is to engage, educate, and mobilize our community, especially youth leaders, to champion energy-smart solutions at the neighborhood level.

Through the Sustainable Neighborhood Ambassador Program (SNAP!) under Sustainability Ambassadors, students and local advocates will take the lead in spreading awareness about practical, accessible home upgrades that reduce fossil fuel use and increase energy efficiency.

By connecting residents with rebates and resources, we aim to spark long-term habits that improve comfort, lower utility bills, and build a more climate-ready Burien, together!



Why Sustainability Matters

Sustainability is more than an environmental goal; it's a way to strengthen our communities from the ground up.

When we prioritize sustainability, we're not only reducing our environmental impact, we're improving public health, lowering utility bills, and building neighborhoods that are more resilient to the challenges ahead. That means cleaner air in our homes, fewer disruptions from extreme weather, and local jobs created by green innovation.

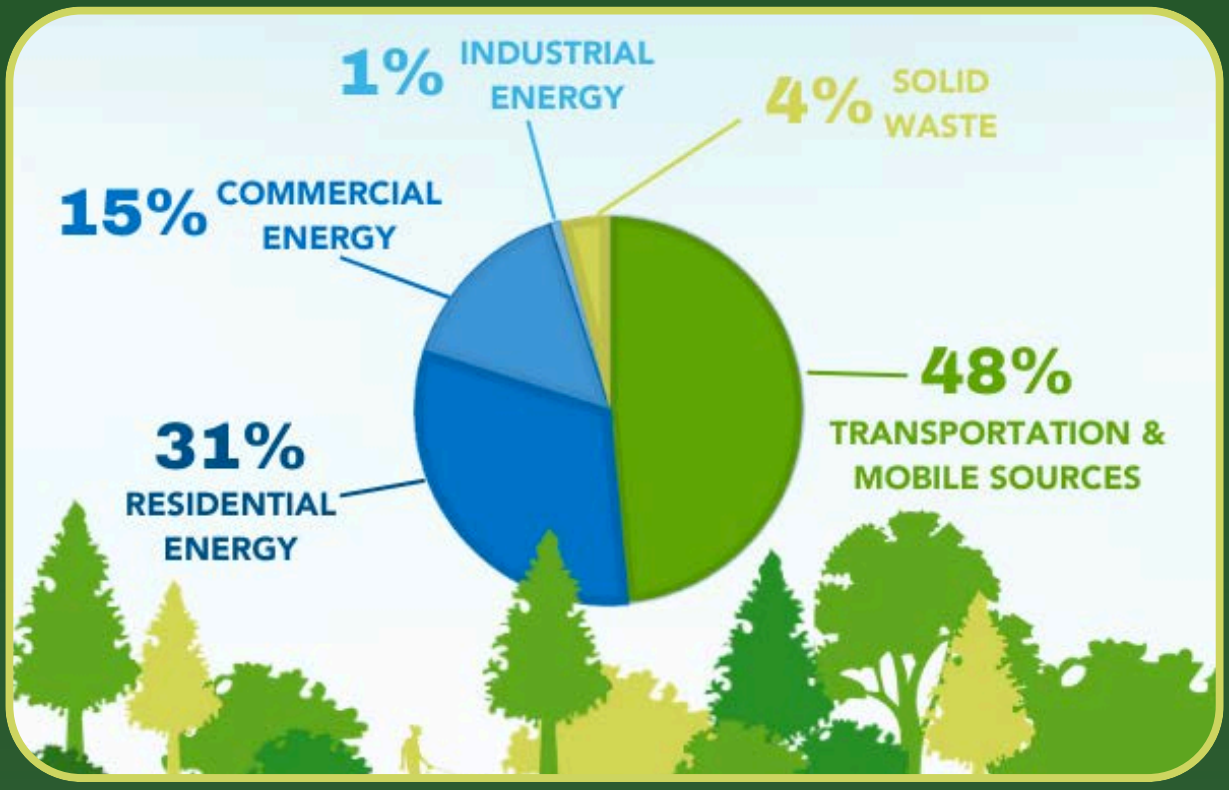
Sustainability is also about equity. Energy upgrades and climate solutions should be accessible to everyone, not just a few. When resources like rebates, education, and community outreach are shared fairly, every household has the opportunity to thrive.

From small upgrades to bigger changes, sustainability allows us to take control of our future together. In Burien, that future looks cleaner, healthier, and more connected than ever before.

Here's why it matters!

READ MORE ABOUT YOUR CITY OF BURIEN'S CLIMATE ACTION PLAN!

Why Sustainability Matters



Burien's Greenhouse Gas Emissions Pie Chart (Burien's Climate Action Plan, 2021)

Through collective action in our own lives, households, and our many neighborhoods, we can see that 31% of greenhouse gas emissions are from residential energy!

Be part of the change by joining our Electrify Burien Campaign!

READ MORE ABOUT YOUR CITY OF BURIEN'S CLIMATE ACTION PLAN!

Electrify Burien Campaign!

The Electrify Burien campaign aims to:

1. Engage community members in home energy conservation.
2. Promote rebates to help homeowners and landlords reduce gas use and electrify their homes.
3. Connect classroom and workshop learning to real climate action.

Learn more about our project types and how this applies to you!

Project Types:

- Heat Pumps
- Weatherization Bundle
  - *(Insulation, Smart Thermostat, & Weatherstripping)*
- Electrical Appliances Bundle
  - *(Induction Cooktops, Heat Pump Dryers)*
- Double-Pane Windows
- Electrical Panel Upgrade

Eligible participants can receive up to

$2,500

in reimbursements through pre-approved installers!

All about Heat Pumps!



QUICK FACTS!

LONG LIFE! Heat Pumps have a long operational life (15-20 years!) with proper maintenance.

DUAL FUNCTIONALITY! HEAT PUMPS ACT AS BOTH YOUR COOLER AND HEATER: VERSATILE POWERHOUSE IN ONE .

ENERGY EFFICIENT! Heat Pumps can reduce your electricity use for heating by up to 75%



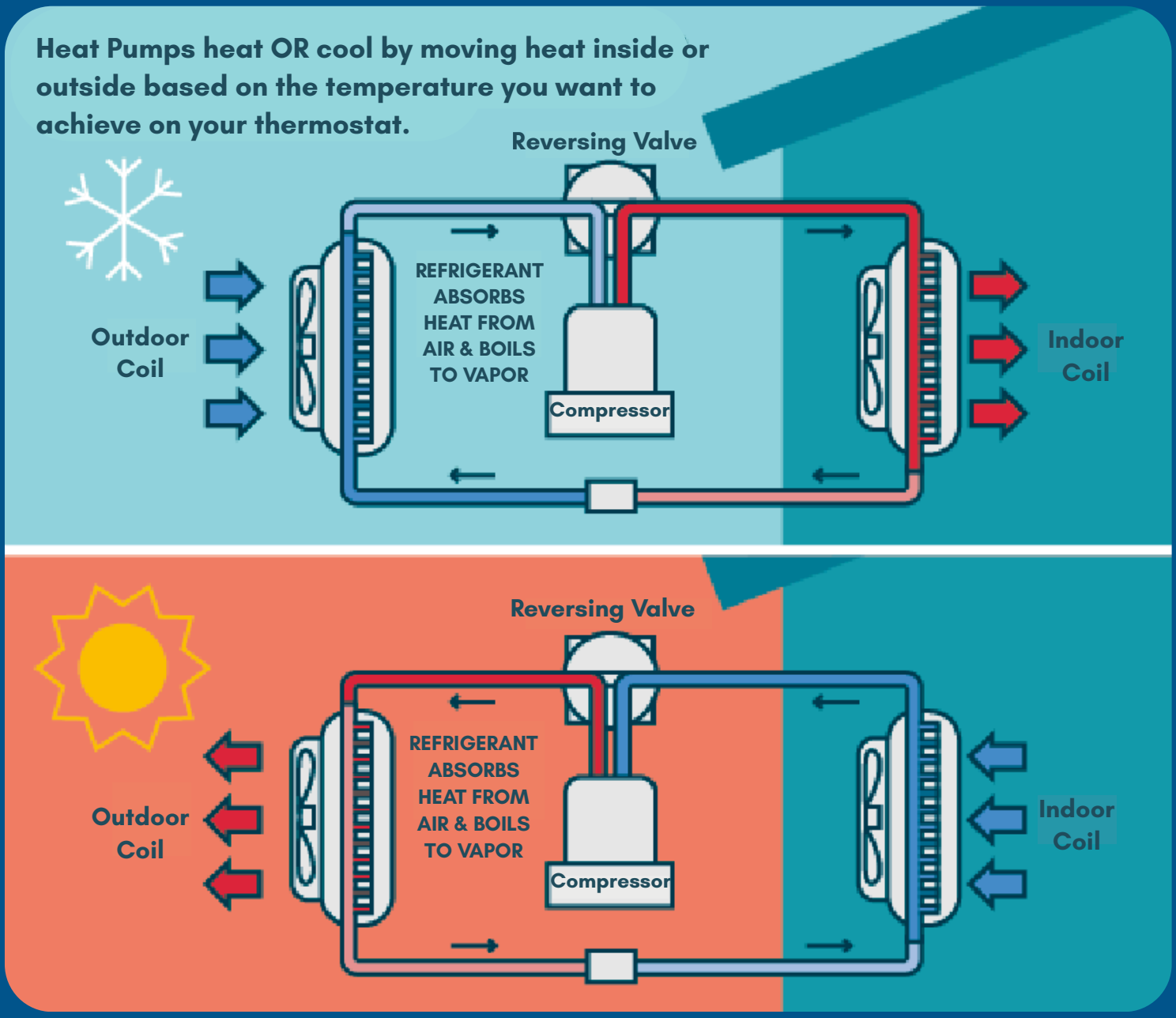
Upgrade to high-efficiency comfort with a Heat Pump! By transferring heat instead of generating it, heat pumps deliver year-round indoor comfort while lowering your utility bills and reducing greenhouse gas emissions.

APPLY HERE!

Visit our Website: burienwa.gov/ElectrifyBurien

Email us at: environment@burienwa.gov

Heat Pumps: How Does it Work?



A heat pump moves heat where it's needed. In winter, it pulls and compresses outdoor air to warm your home and in the summer, it reverses, removing indoor heat to cool you, just like a refrigerator!

Click this link to learn more!

All about Weatherstripping



QUICK FACTS!

COOL DOWN! Weatherstripping reduces heating and cooling costs by more than 20%

EASY TO INSTALL! With the right installer, you can cover gaps throughout your entire house!

COMFORT! Maintain a consistent indoor temperature, preventing moisture, pests and noise!



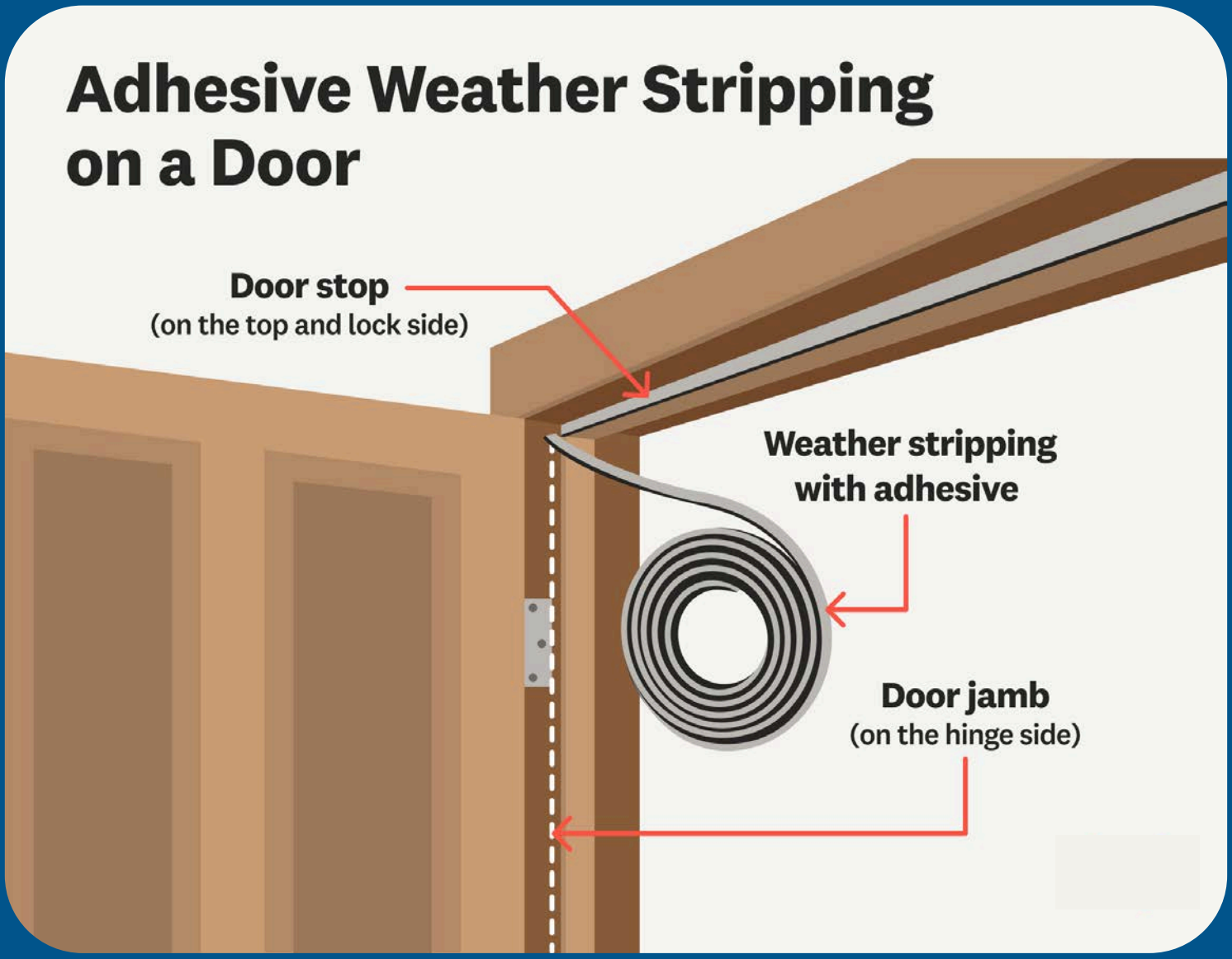
Part of the Weatherization bundle, weatherstripping help seal gaps around doors and windows, helping prevent drafts, reduce energy loss, and keep your home comfortable in every season.

APPLY HERE!

Visit our Website: burienwa.gov/ElectrifyBurien

Email us at: environment@burienwa.gov

Weatherstripping: How Does it Work?



Weatherstripping comes in a variety of materials, such as foam, rubber, vinyl, and metal. Each designed to fit different surfaces and needs!

Click this link to learn more!

All about Insulation



QUICK FACTS!

REDUCE HOME HEAT! Certain materials for insulation can help reduce greenhouse gas emissions by 40%!

REDUCE COSTS! Insulation reduces average home heating and cooling costs by about 20%

SAVE ENERGY! Save around 42% of energy that would have been consumed if insulation wasn't installed!

Part of the Weatherization bundle, insulation upgrades your home by keeping heat in during winter and out during summer, improving comfort, lowering energy bills, and reducing environmental impact year-round.

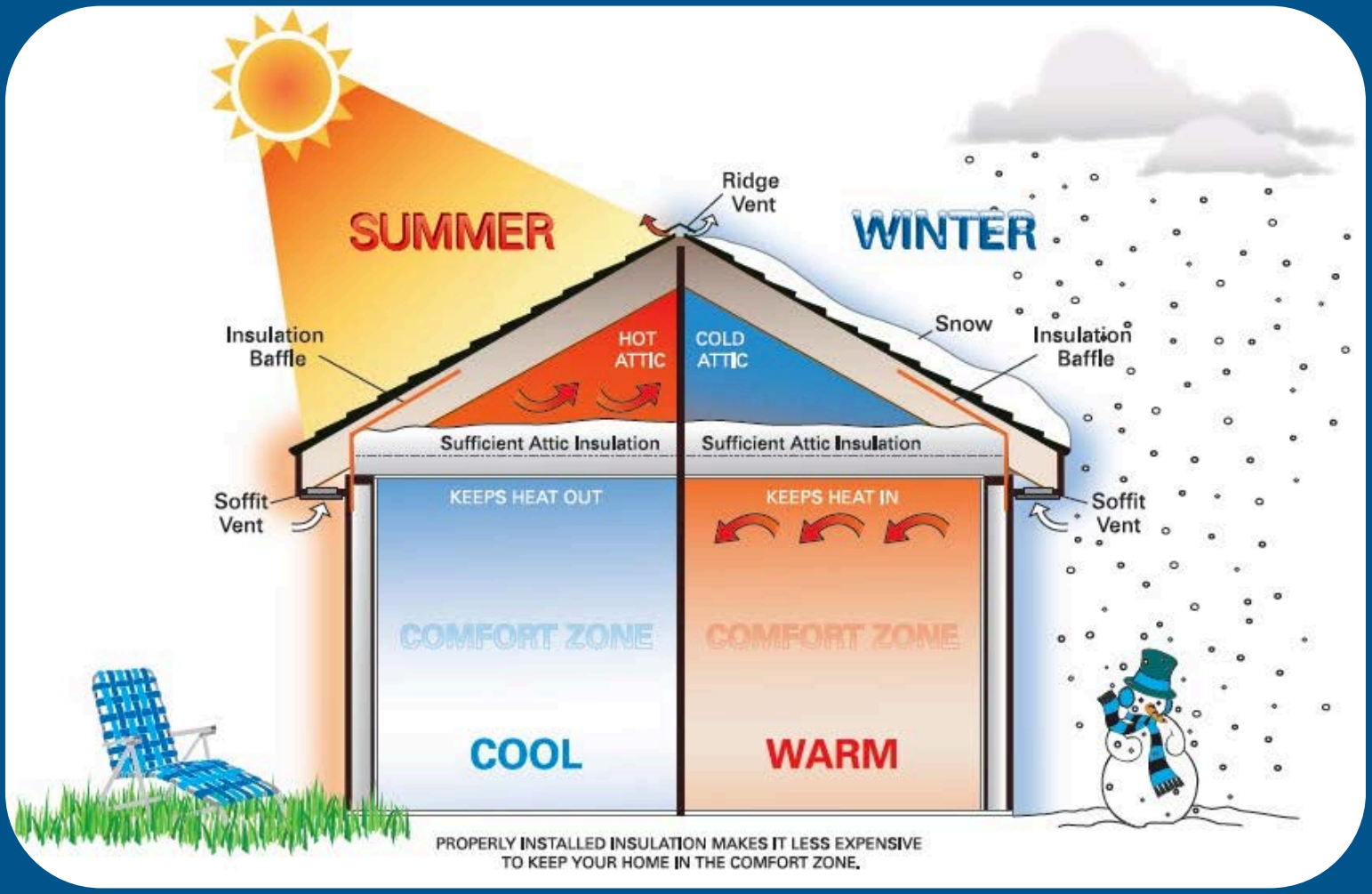


APPLY HERE!

Visit our Website: burienwa.gov/ElectrifyBurien

Email us at: environment@burienwa.gov

Insulation: How Does it Work?



Insulation comes in a range of materials such as fiberglass, cellulose, foam, and mineral wool. All offering unique benefits for different parts of the home. Whether added to attics, walls, or floors, proper insulation better supports your home in the future!

Click this link to learn more!

All about Smart Thermostats!



QUICK FACTS!

SAVE COSTS! Your thermostat can save up to $131-$145 annually on your energy bill.

FLEXIBLE! Adapt and adjust as your thermostat learns your living style!

EASY TO USE! Link your thermostat with your smartphone for easy use and access, even away from your home!

Part of the Weatherization bundle, a smart thermostat learns your schedule, adjusts temperatures automatically, and helps you save energy while keeping your home comfortable year-round.

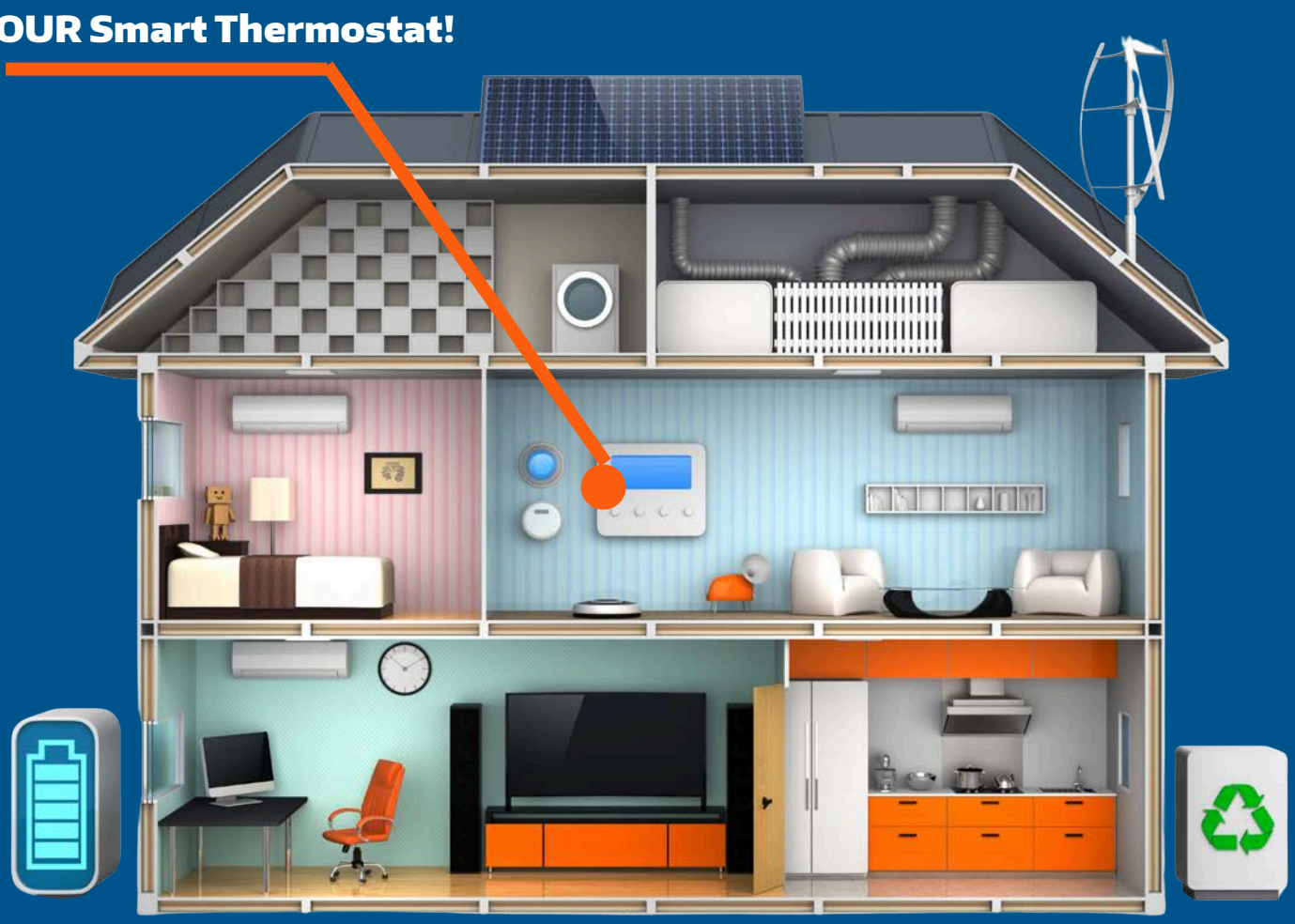


APPLY HERE!

Visit our Website: burienwa.gov/ElectrifyBurien

Email us at: environment@burienwa.gov

Smart Thermostats: How Does it Work?



A smart thermostat connects to your home's heating and cooling system, using sensors, Wi-Fi, and programmable settings to automatically adjust temperatures based on your schedule, preferences, and even local weather, helping you save energy without sacrificing comfort.

Click this link to learn more!

All about Induction Cooktops!



QUICK FACTS!

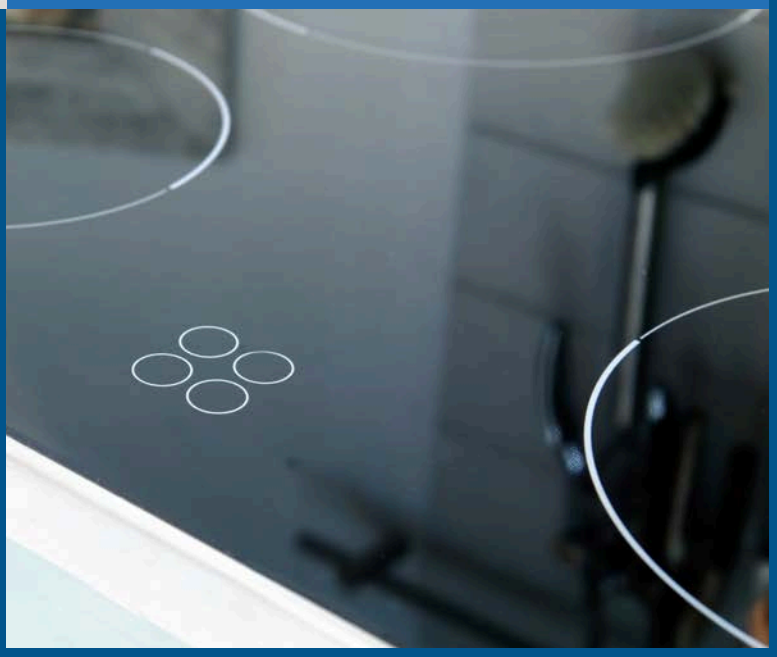
EFFICIENT & FAST! Keep your kitchen cooler! Induction stoves are up to 90% energy efficient, compared to 74% for electric and just 40% for gas.

EASY CLEANING! The smooth surface is easy to wipe clean, as spills don't bake onto the cooktop.

GREENER AIR! Reduce and eliminate toxic chemicals and pollutants that would have been caused by your gas stove!

Part of the Electrical Appliances Bundle, you can cook smarter with an induction cooktop.

Using magnetic technology to heat pots and pans directly, induction cooktops are faster, more efficient, and safer than gas or traditional electric stoves, helping you save energy, cut utility costs, and reduce your home's carbon footprint!

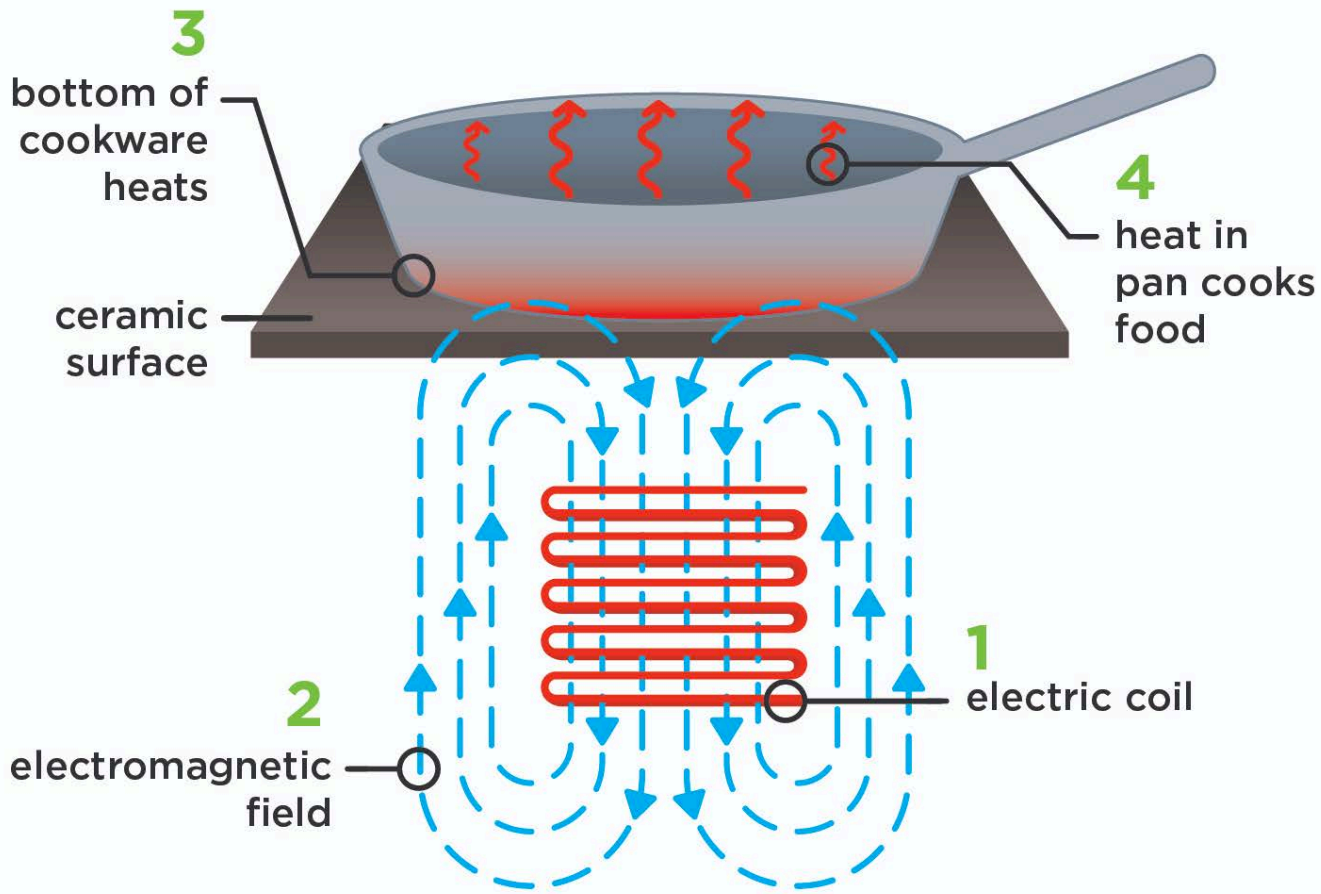


APPLY HERE!

Visit our Website: burienwa.gov/ElectrifyBurien

Email us at: environment@burienwa.gov

Induction Stovetops: How Does it Work?



Induction stoves use magnetic fields to heat pots and pans directly, making them faster and more efficient than gas or traditional electric stoves. Beneath the surface, a copper coil creates a magnetic field when electricity flows through it, and when a magnetic pan is placed on the cooktop, the field generates electric currents in the pan itself, causing it to heat up and cook the food.

Click this link to learn more!

All about Heat Pump Dryers



QUICK FACTS!

LOWER BILLS! Heat pump dryers are 50% more energy efficient compared to conventional dryers

WORRY LESS! Reduce humidity, health risks, and the wear & tear on your clothes!

VENTLESS! Easier to install, resulting in less moisture in your home and pipes!



Part of the electrical appliances bundle, upgrade your laundry routine with a heat pump dryer.

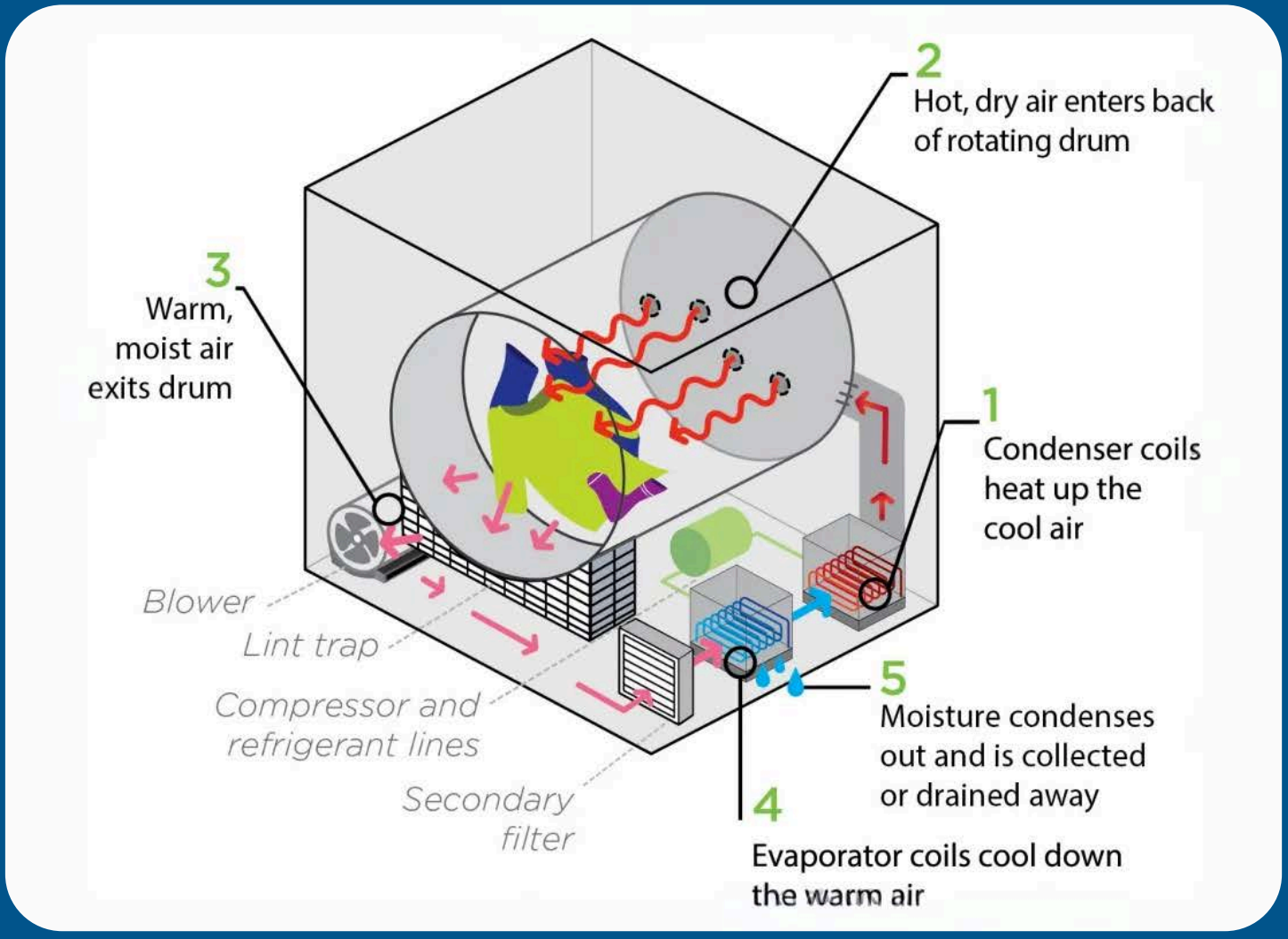
Using innovative technology to recycle heat and remove moisture efficiently, these dryers help you save on utility bills, protect your clothes, and shrink your home's carbon footprint!

APPLY HERE!

Visit our Website: burienwa.gov/ElectrifyBurien

Email us at: environment@burienwa.gov

Heat Pump Dryer: How Does it Work?



Heat pump dryers are more energy-efficient than traditional dryers because they reuse warm air in a closed-loop system. They heat air to remove moisture from clothes, then cool the air to collect the moisture as condensation. The same air is then reheated and circulated back through the system, allowing for continuous drying with less energy use.

Click this link to learn more!

All about Double-Pane Windows



QUICK FACTS!

REDUCE HEAT & DRAFTS! Your windows help create comfort and stable temperatures inside your household.

SAVE COSTS! Save an average 12% in your energy utility bills!

NOISY NEIGHBORS? Reduce urban noise by up to 50% in your neighborhoods!

Enhance your home's energy efficiency and comfort with Double-Pane Windows! These modern, noise-dampening, insulated windows reduce heat loss in winter and heat gain in summer, helping to maintain a consistent indoor temperature year-round.

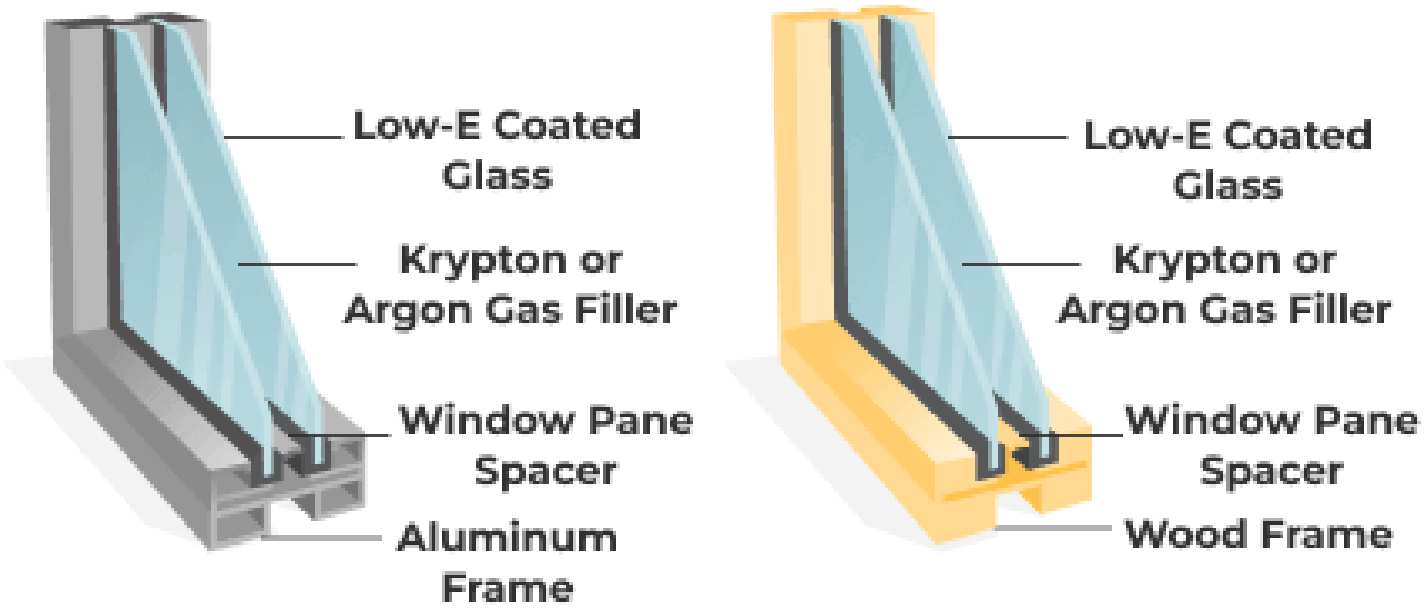


APPLY HERE!

Visit our Website: burienwa.gov/ElectrifyBurien

Email us at: environment@burienwa.gov

Double-Pane Windows: How Does it Work?



Double-pane windows are made up of two layers of glass with a sealed gap between them, often filled with air or an insulating gas like argon or krypton. This sealed space is what helps reduce heat transfer and improves insulation.

Click this link to learn more!

All about Electrical Panel Upgrade



QUICK FACTS!

INCREASE CAPACITY! Allow more power to be distributed throughout your home! Meaning more power to your appliances!

IMPROVE SAFETY! Older panels may be undersized, prone to overheating, or lack modern safety features.

FUTURE PROOFING! Upgrading your panel means a better accommodation for your future home.

Prepare your home for the future with an electrical panel upgrade. This upgrade replaces outdated or undersized panels with modern, higher-capacity systems, making it easier to support electric appliances, EV chargers, solar panels, and heat pumps.



APPLY HERE!

Visit our Website: burienwa.gov/ElectrifyBurien

Email us at: environment@burienwa.gov

Electrical Panel: How Does it Work?



Upgrading your electrical panel is a key step toward creating a smart or net-zero home. By expanding your home's electrical capacity, you enable seamless integration of smart devices, improve safety, and create a cleaner, more efficient, and future-ready home.

Click this link to learn more!

How to Apply?

The City of Burien Electrify Burien Campaign program aims to provide homeowners and landlords in Burien with resources and incentives to upgrade their homes!

Eligible participants can get up to

$2,500

in reimbursements!

Apply Here!

burienwa.gov/ElectrifyBurien

Conclusion

We hope that this toolkit serves as a way to advance our Burien community to a more rapidly sustainable future together!

This wouldn't have been done without the amazing city council, city staff, and countless Sustainability Ambassadors that all strive for a healthier, safer, and lively community for Burien!

Special thanks:

John Benrick Diaz, University of Washington, Class of 2028

Julian Nava, Highline High School, Class of 2026