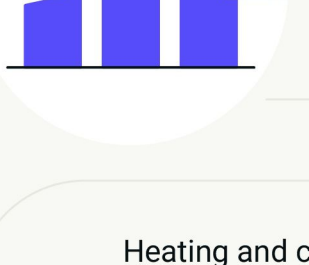


What does it mean to electrify everything?

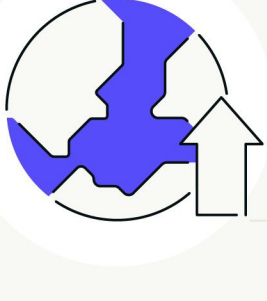
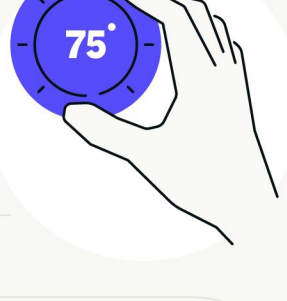
From homes to cars, people are replacing gas-powered technologies with ones that run on electricity to try to reduce emissions.

Energy use by the numbers



Energy consumption in the U.S. reached a **record high in 2018**.

Heating and cooling in buildings makes up **10% of U.S. emissions**.



By 2040, global energy demand is expected to **increase by 25%**.

U.S. residential energy consumption

Natural gas
43%

Electricity
42%

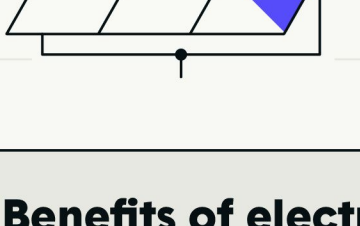
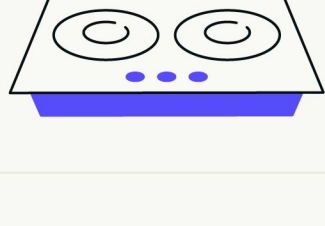
Other
15%

Examples of electrified technologies



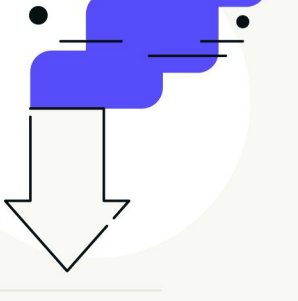
Tesla cars

Induction stovetops



Solar panels

Benefits of electrifying your home

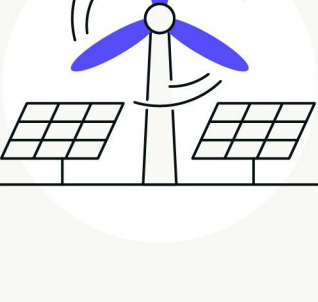
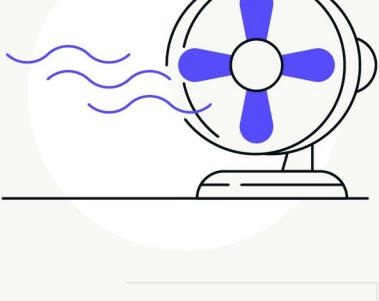


Reduce emissions

Electricity is becoming a cleaner energy option compared to natural gas.

Improve indoor air quality

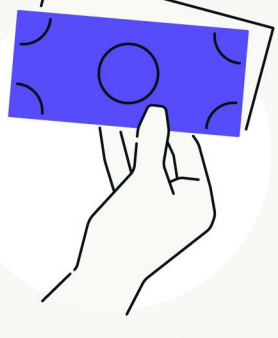
Cooking on gas stoves can release emissions without proper ventilation and monitoring.



Diversify the grid

A diversified energy grid can help reduce political dependence and promote economic growth.

Obstacles for consumers

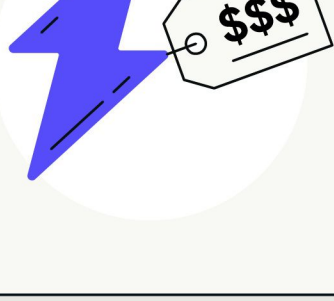
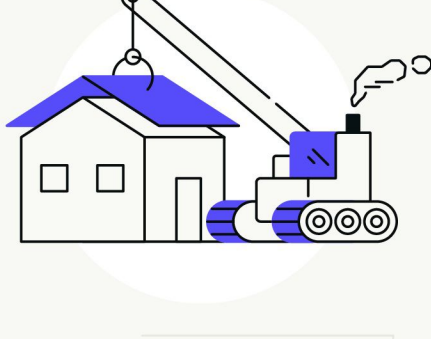


Conversion costs

The cost and effort to switch places a large burden on homeowners.

Gas is the standard

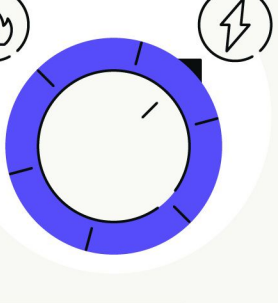
Contractors and home builders are more likely to power a home with gas than electricity.



Electricity prices

Electricity generally costs more than natural gas, especially without rebates or public policies to help.

How to electrify your home

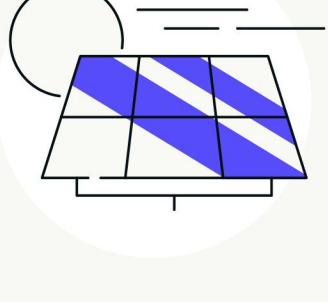
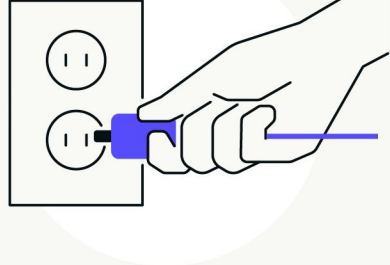


Swap gas for electric

Make the switch to electric as your appliances need to be replaced.

Lead the charge

Electrify appliances in your home like your cooktop, dryer and water heater.



Use clean energy

Install solar panels on your roof to start producing your own energy.