


ELECTRIFY EXISTING BUILDINGS

Electrification reduces greenhouse gas emissions by switching the source of a building's power from fossil fuels to electricity. As the power grid gets greener, so will our energy use at home, at work, and anywhere we visit or play.

1.15 MILLION METRIC TONS OF CO₂ EQUIVALENT



This is the amount of greenhouse gases we can expect to reduce by moving from fossil fuels to electricity in our existing buildings.


HOW WE'RE GETTING IT DONE




- Electrify existing residential buildings
- Electrify existing commercial buildings
- Reduce the use of harmful refrigerants

11% OF OUR GOAL

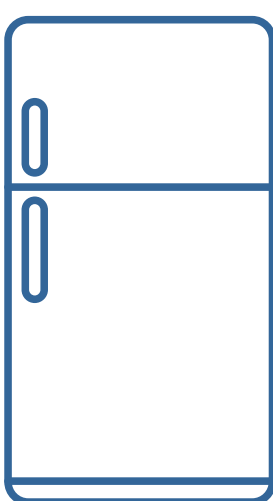
Electrifying our existing buildings could help us achieve 11% of the emissions reductions needed to meet our 2050 carbon neutrality goal.




Move our homes away from natural gas and fuel oil and toward electric heat pumps.



Retrofit existing commercial buildings with heat pumps and other electrification technology.



Reduce the use of refrigerants with high global warming potential, like hydrofluorocarbons.


Transition to low-global warming potential alternatives for our HVAC systems and other refrigeration technology.

FOR YOUR HEALTH



Less reliance on fossil fuels improves indoor and outdoor air quality, which is good for your health.

BY THE NUMBERS



CECAP models predict that by 2030 we could have...

- 69,000 single-family homes electrified
- 12,000 multifamily homes electrified
- 12 million sq ft of commercial space electrified



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