

# The Climate Literacy Collaborative Presents: The Future of Energy Efficiency

Energy efficiency reduces the amount of energy needed to provide the same or improved level of service to the consumer in an economically efficient way.

Energy production and consumption is the largest source of global heat-trapping gases. Reductions in energy demand can reduce emissions, save money, provide economic opportunities, stabilize the electrical grid and address energy inequality.

## Energy Efficiency: A Climate Solution



Electricity generation is the second largest contributor to heat trapping gas emissions in the United States



Efficiency measures are responsible for half of CO<sub>2</sub> emissions reductions in the power sector relative to 2005



Increased investments in energy efficiency could lower US gas emissions by 50 percent by 2050

## The Multiple Benefits of Energy Efficiency

### Improved Public Health

Decreased use of fossil fuels reduces harmful air pollution and associated adverse health impacts

### Address Energy Inequality

Low-income communities face an energy burden three times higher than other, wealthier communities

### Cost Savings for Consumers

Improved policies and programs could save consumers approximately \$700 billion annually by 2050

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## Want More Background Information?



The American Council for an Energy Efficient Economy is a nonprofit research organization with reports focusing on recommendations for actions and an overview of climate implications: [ACEEE Reports](#).

## Get Started Today With Solutions:



Pass energy efficiency and renewable energy resolutions at your local school. See success stories and download template resolutions and emails to get started: [Pass A School Resolution Today](#).



Check existing rebates for building electrification at your home and business, and join a community of organizers working towards policy change at the regional level: [Building Electrification Campaign](#).



Explore opportunities to enhance the energy efficiency of your home or business. Consult with a free home energy advisor and explore available rebates and savings: [Free Home Energy Advisor](#).

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## Additional Climate Solution Resources



**PROJECT  
DRAWDOWN**

Connect with a global community of advocates and changemakers competing to take action on climate. Track progress and score points on this social change platform: [Drawdown Ecochallenge](#).



**CLIMATEGENERATION**

Looking to start an action campaign of your own involving youth and adults? Take a look at these resources on campaign planning and recruitment strategy: [Take Action! Guide](#).



Save money and improve energy efficiency at your home. Focused on urban clean energy, this Brooklyn-based company is supporting a shift to more energy efficiency housing: [BlocPower](#).



Check out this middle school-based curriculum focused on energy use and conservation. You'll find short videos and lesson plans connected to NGSS standards: [Exploring Energy](#).