



Town of Chevy Chase Go Electric EcoFest

Sunday, April 28, 2024

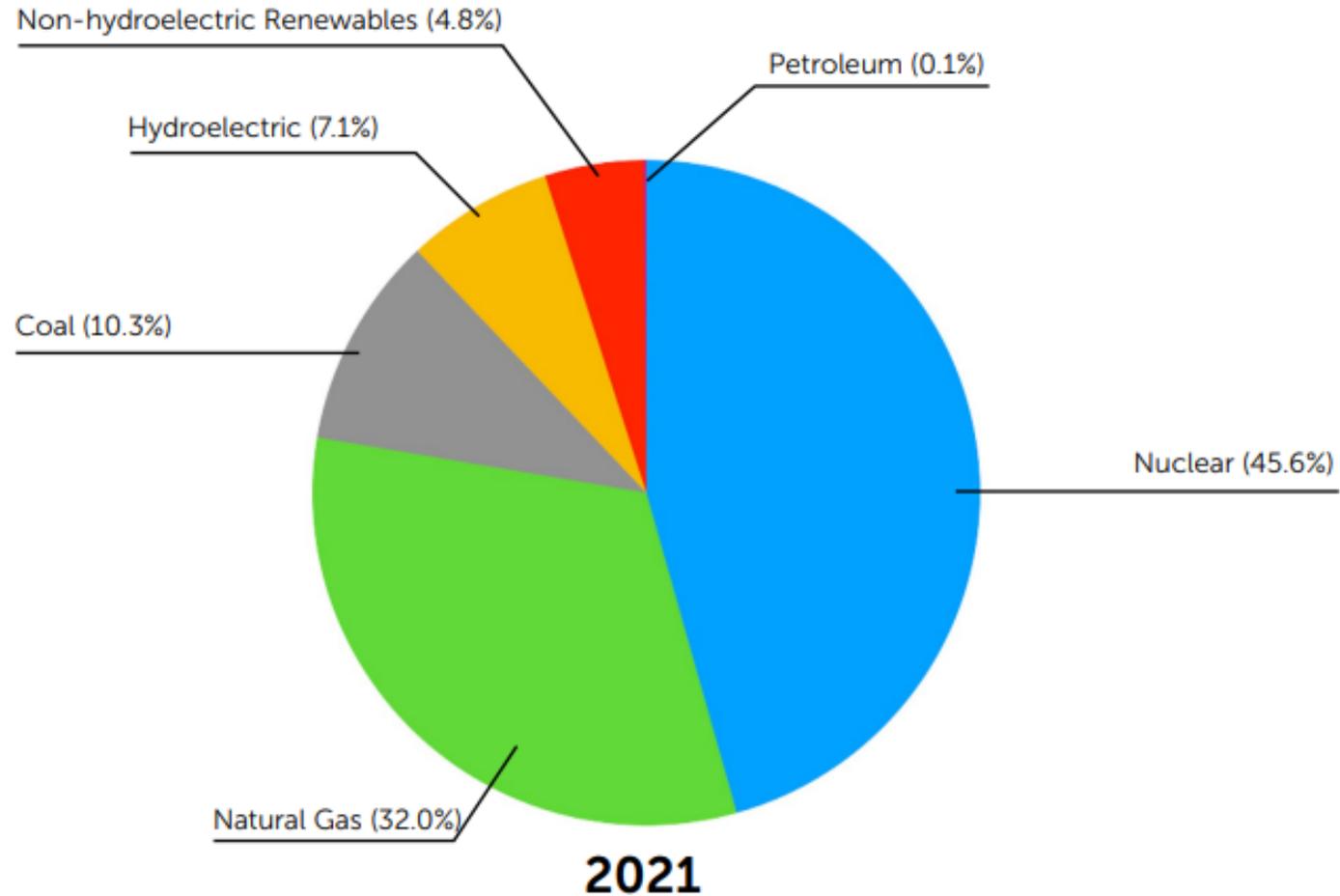
Montgomery Energy Connection

Montgomery County Government and community partners launched this network to provide customized education on the benefits of energy efficiency, availability of programs, and opportunities for assistance.

YOUR LINK TO ENERGY SAVINGS

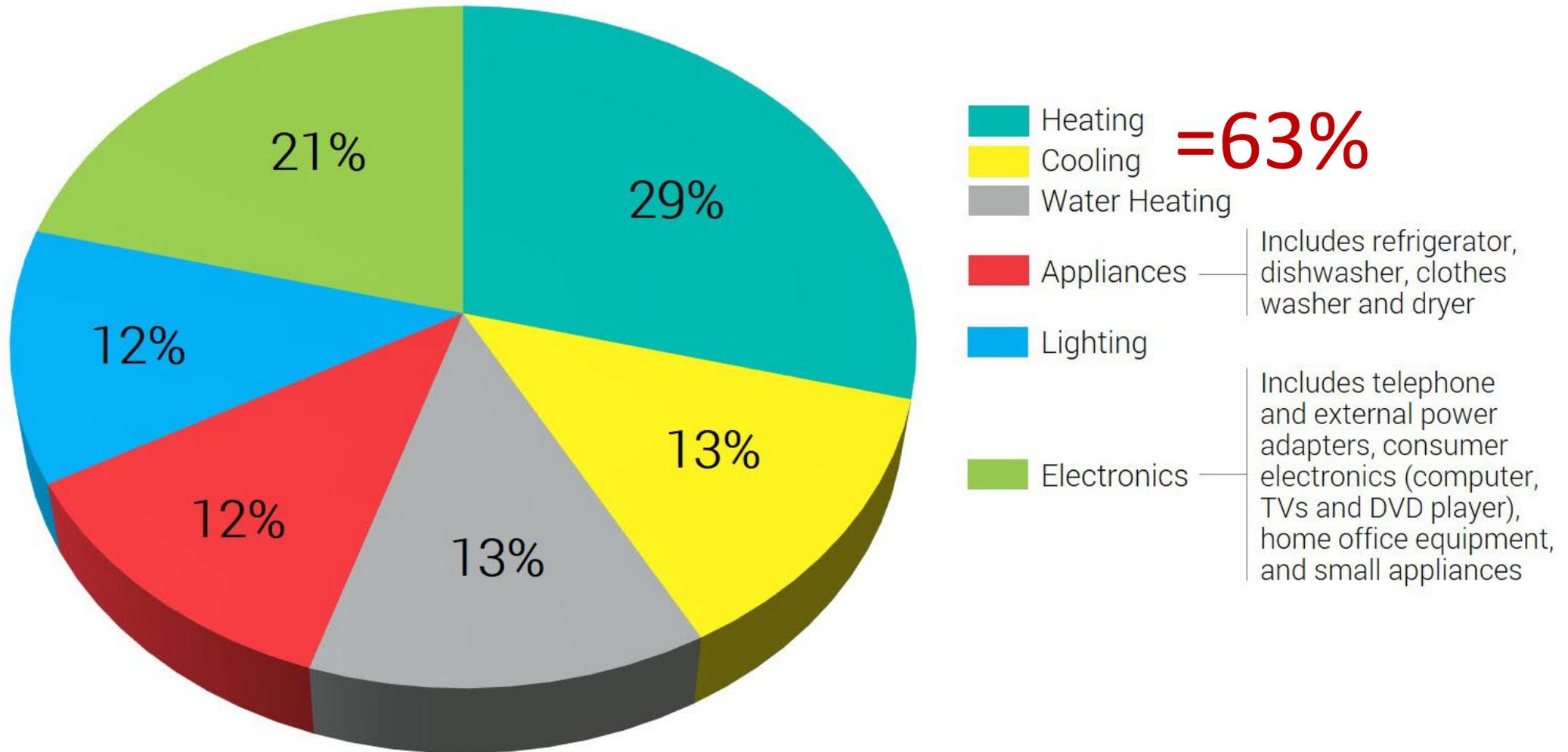
www.MontgomeryEnergyConnection.org

Where Does Our Energy Come From?



Where Does My Money Go?

Annual Energy Bill for a typical Single Family Home is \$2,060



Source: Typical House Factoid Memo. Lawrence Berkeley National Laboratory. April 2013.

What Can YOU Do????

Use Less Energy



- Schedule a Quick Home Energy Checkup
- Turn it Off/Unplug it
- Monitor Your Thermostat
- Check Your Refrigerator Temperature
- Take a Five-Minute Showers

Don't Waste Energy/ Make Your Home Comfortable

- Schedule a Home Performance Audit
- Switch to LEDs
- Shop the [Utility Marketplace](#)
- Get the [Montgomery County Energy Efficiency Tax Credit](#)
\$250 in tax credits provided by the Department of Finance available
- Inflation Reduction Act Tax Credit: 30 percent tax credit for the projects, capped per year at the following amounts:
 - Insulation and air sealing: \$1,200
 - Doors: \$250 per door, \$500 total
 - Windows: \$600
 - Energy audits: \$150



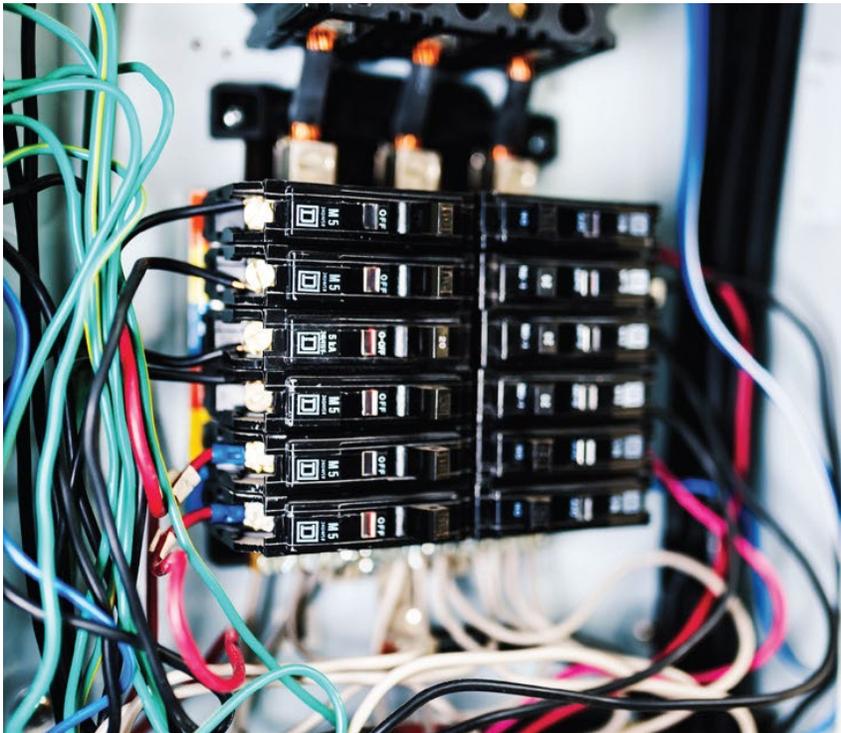
Electrify Your Home



- Participate in the [ElectrifyMC](#) Pilot
- Get an Electric Vehicle/Charging Station
- Apply for Inflation Reduction Act Tax Credits

Electrical Panel Upgrade

Electricity flows into your home through your electrical panel (or breaker box), like water flowing through a pipe. The panel size determines how much electricity can flow into your home.



Up front Costs	\$4,000 – 6,000
Average Life Span	20-25 Years
Project Difficulty	Hard
Environmental/Health Impacts	Can enable more electrification in the home
Electrify MC Direct Incentive	\$200 for the whole house surge protector available with the panel upgrade.
Inflation Reduction Act Tax Credits	For moderate-income households (between 80 percent and 150 percent of Area Median Income), the Electrification Rebates cover 50 percent of your electrical panel costs up to \$4,000 https://www.rewiringamerica.org/app/ira-calculator

Heat Pump Air Conditioner/Heater

Up front Costs	\$800- 35,000
Average Life Span	10–15 Years
Project Difficulty	Hard
Environmental/Health Impacts	Filters & cleans air
Electrify MC Direct Incentive	\$1,000-\$2,500, depending on the type of system you choose
Inflation Reduction Act Tax Credits	30 percent tax credit for heat pumps and heat pump water heaters, capped at \$2,000 per year https://www.rewiringamerica.org/app/ira-calculator

A heat pump is a single electric appliance that can replace both your traditional air conditioner and home heating system (like a furnace or boiler).



Heat Pump Water Heaters

Heat pump water heaters are like heat pumps for space heating, except they produce hot water instead of hot air.



Up front Costs	\$4,000 – 6,000
Average Life Span	10 – 15 Years
Project Difficulty	Moderate
Environmental/Health Impacts	Dehumidified air, less mold
Electrify MC Direct Incentive	\$500
Inflation Reduction Act Tax Credits	30 percent tax credit for heat pumps and heat pump water heaters, capped at \$2,000 per year https://www.rewiringamerica.org/app/ira-calculator

Electric Stove/Induction Stoves

Up front Costs	\$600 – 9,200
Average Life Span	13-15 Years
Project Difficulty	Moderate
Environmental/Health Impacts	Cleaner kitchen air, reduced asthma risk
Electrify MC Direct Incentive	\$150 - All combustion appliances removed from kitchen
Inflation Reduction Act Electrification Rebate	50 percent of your electric/induction stove costs up to \$840 – available Summer 2024 https://www.rewiringamerica.org/app/ira-calculator

The term “electric stove” includes both traditional electric resistance stoves and modern electric induction stoves. Induction stoves work by transferring energy directly to the cooking pan through a magnetic field.



Efficient Electric Clothes Dryer

ENERGY STAR certified clothes dryers save energy by using automatic termination to help detect when your clothes are dry. This feature also prevents wear and tear on your clothes from over-drying.



Up front Costs	\$800 – 2,000
Average Life Span	10-13 Years
Project Difficulty	Easy
Environmental/Health Impacts	Produce 70% less CO2 emissions than 70% less than gas dryers. Improve indoor air quality
Electrify MC Direct Incentive	\$150
Inflation Reduction Act Tax Credits	Electrification Rebates cover 50 percent of your heat pump clothes dryer costs up to \$840 starting in Summer 2024 https://www.rewiringamerica.org/app/ira-calculator

Switch to Renewable Energy

- Purchase Clean Energy through a [Green-e](#) Certified Supplier
- Participate in the Capital Area Solar Switch Program
 - Uncapped 30% Tax Credit
- Subscribe to a Community Solar Project



The Website



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Welcome to Montgomery Energy Connection

Montgomery County Government and community partners launched this network to provide customized education on the benefits of energy efficiency, availability of programs, and opportunities for assistance.

Find out how to keep more money in your pocket by reducing the amount of energy you use in your home.

Simply tell us why you're here and we'll link you to your next step.



Your Link to Energy Savings



Questions?

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www.MontgomeryEnergyConnection.org