

ENERGY EFFICIENCY

Energy efficiency today defines our world's future, influencing sustainability, economic prosperity, social well-being, and our collective way of life..

Energy

It's the capacity to perform work and exists in various forms such as heat, light, motion, electrical, chemical, etc.

Energy sources can be classified as:

- **Renewable** (Easily Replenished) Solar, geothermal, wind, biomass and hydropower.
- **Nonrenewable** (Not easily replenished) Petroleum, natural gas, coal and nuclear energy (*Constitute most of the energy consumption in the United States*)

Energy Efficiency

Energy efficiency involves using less energy to achieve the same results, whether in homes, buildings, or manufacturing. It is a cost-effective way to combat climate change, lower energy expenses, and enhance business competitiveness.

Energy efficiency plays a crucial role in achieving carbon neutrality, and it's a simple yet powerful way for everyone to contribute to a more sustainable and prosperous future. (DOE)



Energy Efficiency benefits

Learn if you are a [clean energy champion](#)

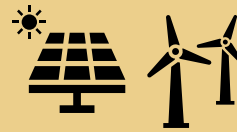
Energy efficiency is a win-win for everyone. It not only saves money but also makes our electricity grid more reliable and resilient. Plus, it has positive effects on the environment, communities, and our health.



Efficient homes and buildings reduce energy bills, and it helps with savings costs.



helps underserved communities, reduces air pollution, and improves human health, especially for those vulnerable to pollution.



It helps fight climate change by reducing the need for fossil fuels.



Enhances the reliability of the electric grid.

[DOE](#) & [IOED](#)

Helpful stuff we can use and learn about! ☺

Learn more about Hoosiers grid distribution



[Understanding the electricity generation, transmission, and distribution in Indiana](#)



[Find energy sources in Hamilton county](#)



[Energy saving tips](#)



[Explaining how to use and save energy to our kids](#)



[Understanding Renewable Energy in your Community](#)



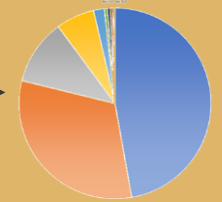
[Solar resources in Carmel](#)



[Interested in installing any residential renewable energy systems?](#)



[Helping to keep your power on and your yard safe and green \(thinking about planting a tree\)?](#)



(Click on the pie chart)

What you can do

Prioritizing energy efficiency is your key to reducing resource waste and securing a sustainable energy future.

- [Follow our fact sheet on how you can help](#)
- [Explore EPA recommendations on Energy efficiency](#)

