

June 2025

THE CURRENT



Energy news from around Philadelphia and beyond



In This Month's Newsletter:

- Mark your calendars! AMM 2025
- Renewable Energy Classroom: The Carbon Footprint of EVs
- Blog Post: Unpacking AEO2025
- Summer Fridays at The Energy Co-op

The Energy Co-op's Annual Member Meeting is Almost Here!

Join us for our [2025 Annual Member Meeting](#) on **Thursday, June 26 at 5:30 pm** at the [Historical Society of Pennsylvania](#) for an evening of community participation and celebration. You'll hear updates on our progress in 2024 and plans for the year ahead, participate in a breakout trivia session, connect with fellow members and staff, and enjoy catered food and beverages.

As a member of The Energy Co-op, **you have an important say in how our cooperative does business.** Voting at the AMM is one of the most impactful ways to

make your voice heard. Your participation strengthens our community by bringing in diverse perspectives and strong local support for clean energy. You fuel our mission of a cleaner, more sustainable future.

Can't make it to the AMM? No problem! You can still cast your vote through our secure proxy form. Voting only takes a few minutes, and your participation is essential to our cooperative community.

[CLICK HERE TO VOTE AND REGISTER!](#)

Should you have any questions, please reach out to info@theenergy.coop or 215-413-2122. We can't wait to see you there!

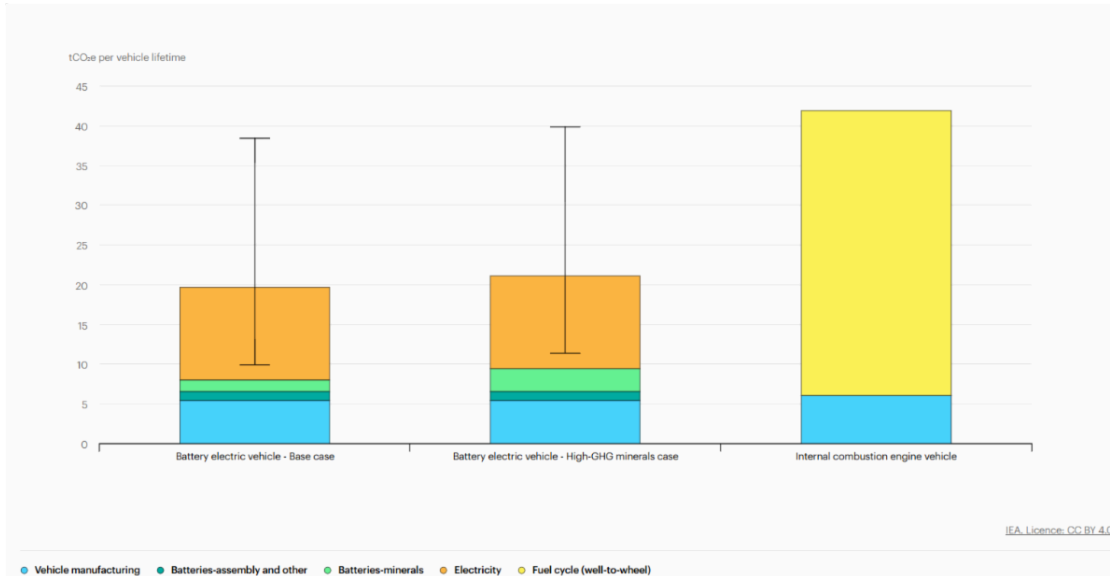
Renewable Energy Classroom: The Carbon Footprint of Vehicle Electrification

Electric vehicle (EV) sales in the U.S. have risen by more than [40% a year since 2016](#), and the California Energy Commission projects that 7.5 million EVs will be on the road by 2030. Despite this rapid growth, public opinion on EVs [remains split](#). *How clean are EVs, really?* Study after study, the answer is unambiguous: from factory to road, **EVs are cleaner for the environment than gas-powered cars** under nearly all measured conditions.

Even though EV battery production has a [greater carbon footprint](#) than internal combustion engines—15 versus 1.9 metric tons of CO₂ on average—gas vehicles produce a larger carbon footprint over time. The electric grid, which pulls from a mix of fossil fuels and low-carbon energy sources, is cleaner than burning gasoline, so driving an EV [releases less CO₂](#) than driving a gas-powered car: in 2022, the Department of Energy found that EVs create [3,932 pounds](#) of CO₂ equivalent per year, compared to 11,435 pounds of CO₂ for gasoline vehicles. Even when powered by coal-heavy grids, EVs still outperform the most fuel-efficient gas cars around today in terms of emissions per mile. And, the minerals used for EV batteries must only be mined once, compared to the continuous mining required to extract the crude oil processed to power traditional vehicles.

EVs are better for the environment than gas cars over their lifetimes, making them an important component in achieving a net-zero economy in a country where transportation is the [largest-emitting sector](#). Beyond their direct environmental benefits, EVs have the potential to play a critical role in grid stabilization by balancing oversupply and shortage, making them a versatile actor in the renewable energy transition.

Comparative life-cycle GHG emissions of an EV and gas-powered vehicle



Source: International Energy Agency

Want to learn more about EV progress? Check out [Episode 5](#) of our *In The News* Series.

Blog Post: Unpacking AEO2025

The Annual Energy Outlook (AEO) is an independent analysis published by the U.S. Energy Information Administration (EIA) projecting long-term energy trends in the United States. [Read more](#) as we analyze key energy projections, including the pace of the renewable energy transition under the new administration, in our newest blog post by our Membership Coordinator, Rachel Gass.

Summer Fridays at The Energy Co-op

Beginning on Friday, May 30 and ending on Friday, August 29, The Energy Co-op Staff will observe Summer Fridays, with our office closing at 3:00 pm each Friday. Please plan accordingly for any assistance you may need from our team on Fridays. We appreciate your understanding and hope you have a wonderful summer!

Upcoming Events!

Thank you to our members who joined us for the first event in an upcoming series with ECA about energy efficiency. Stay tuned for future events and [click here](#) to learn more about the ECA audit for Energy Co-op members.

What We're Reading

[PA solar installers were counting on U.S. Rep. Fitzpatrick to keep tax credits. Some feel 'abandoned' by GOP rollbacks](#)

Susan Phillips, *WHYY*

[Trump admin cuts \\$3.7B for industrial decarbonization and carbon capture](#)

Jeff St. John, *Canary Media*

[Philly carbon emissions have dropped. Here's what experts say should be next](#)

Sophia Schmidt, *WHYY*



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