

AUGUST 2023

THE CURRENT



Energy news from around Philadelphia and beyond



In this Month's Newsletter:

- Renewable Electricity Fixed Rates return
- Introducing The Energy Co-op Town Hall webinar series
- Learn about the duck curve in our Renewable Energy Classroom
- New Partner Spotlight: Shade & Seeker Beauty

Renewable Electricity Fixed Rates Return

August has been an exciting month at The Energy Co-op, because for the first time in nearly two years, [we are again offering fixed rates](#) for our renewable electricity products! It has been wonderful to see how much interest our fixed rates have garnered from members and the wider Energy Co-op community alike, and we look forward to responsibly managing this popular offering.

To manage demand, The Energy Co-op has limited the fixed rate slots made available each month as we continue to ramp up the program. Due to high member interest, our fixed rate enrollments for the month of August are now closed for current renewable electricity members to ensure the program's long-term viability. If you did not get an opportunity to sign up for a fixed rate this month, [please fill out this interest form](#) and our team will be in touch when more fixed rate slots become available. If you are not currently a member enrolled in The Energy Co-op's renewable electricity program, you can still [sign up](#) for a 12 month fixed rate for your electricity service, and receive 100% wind-and-solar generated power with 0% of the uncertainty of changing market conditions.

We are thankful for the stability and the steadfast nature of our cooperative community, as it enables us to reflect those principles back to our membership through a stable and predictable fixed rate. To learn more about our fixed rate program, view the terms and conditions, and view our current fixed rate prices, [visit our website](#). And if you have further questions, don't hesitate to give our membership team a call at (215) 413-2122 or an email at info@theenergy.coop.

Introducing The Energy Co-op Town Hall Series

As a member-owned, non-profit, renewable energy cooperative, The Energy Co-op is constantly looking for new ways to engage with our membership and provide as much transparency, education, and interaction as possible. In this spirit, we are thrilled to announce our new Member Town Hall webinar series!

Once per quarter, The Energy Co-op staff will present a webinar that provides a brief "state of The Energy Co-op" including our upcoming programs, goals, and a discussion of any relevant energy market or renewable energy news. From there, the floor is yours!

Whether you're a new or longtime member wanting to learn more about all of the services and opportunities available with your membership at The Energy Co-op, trying to understand market trends, looking to better understand a recent piece of renewable energy news you heard, or have something to share, the Member Town Hall is the place for you.

Interested in attending? Fantastic! Grab your lunch and join us on Zoom for our inaugural Member Town Hall Thursday, August 17 from 1:00 – 2:00pm. [Click here to register](#), and a Zoom link to join us will be sent to you prior to the event. Already have a burning question you would like to discuss? You can share it when you register, or send it over to info@theenergy.coop with the subject line "Member Town Hall Question" and we'll be sure to answer it. Come chat with The Energy Co-op's staff and get all your Energy Co-op and energy related questions answered!

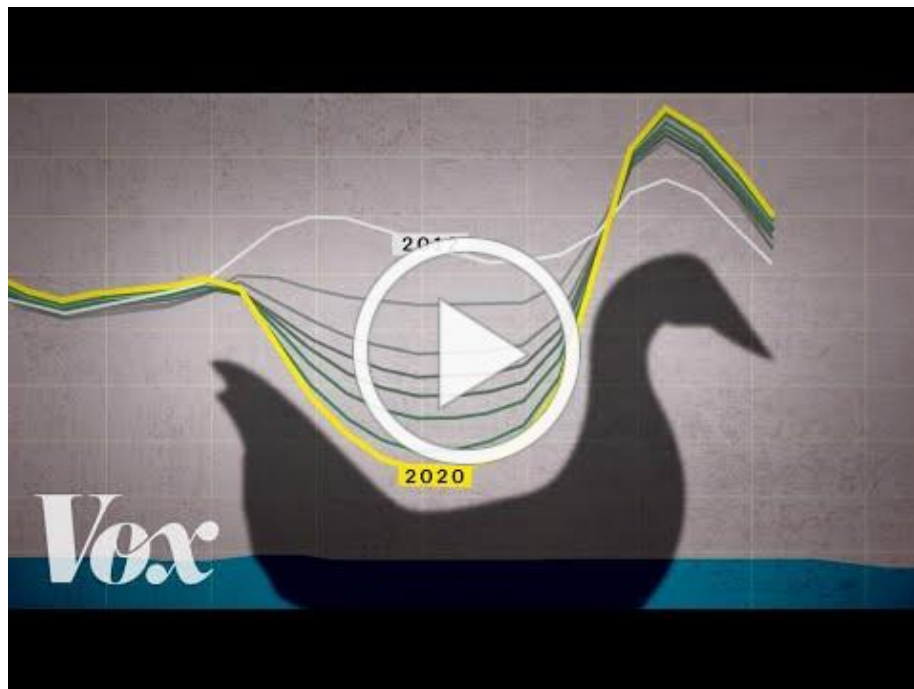
Renewable Energy Classroom

Welcome back to our Renewable Energy Classroom, where we highlight different aspects of the generation, purchase, delivery, or use of renewable energy with a new video or article each month.

In this week's Renewable Energy Classroom, let's discuss the duck curve. Named for its resemblance to a duck floating on water, the duck curve refers to the changing year-over-year trend in the national daily demand of electricity due to increased solar production. Prior to the widespread introduction of solar power to the electricity grid, electricity demand planners had a more straightforward job; demand for electricity increased in the morning when people woke up, decreased slightly during the day when many were working, ramped back up at night when people were home and using appliances, and decreased slightly again overnight when people were sleeping.

As more [solar energy projects enter the grid](#), the amount of non-solar energy needed during the day has been decreasing significantly. While this increased usage of solar energy during the day is great news, challenges arise when the demand for electricity trends up in the evening and there is no solar energy available to meet the demand while the sun is down. This resulting sharp increase in demand for non-solar energy in the evening is difficult to meet, due to the inability of many power plants to handle such volatile and sharp demand fluctuations. If not managed well, this can lead to wasted energy, or in some cases, electricity blackouts or brownouts.

Fortunately, solutions like better energy storage and using other renewable energy sources like wind or hydro-electric at night do exist. To improve and streamline our renewable energy future, energy leaders must take the duck curve and its climate friendly solutions into consideration as new solar projects enter the grid. For some helpful visual aids, let's take a look at this great video from [Vox](#) on the duck curve.



New Partner Spotlight: Shade & Seeker Beauty

The Energy Co-op is excited to announce our partnership with [Shade & Seeker Beauty](#), a sustainable, southeastern Pennsylvania based business that powers its beauty studio with 100% wind-and-solar energy from The Energy Co-op!



SHADE & SEEKER
SPRAY TANNING • BEAUTY STUDIO

From now until September 15, customers at Shade & Seeker will be eligible for \$50 off their first electricity bill when they sign up for renewable electricity service with The Energy Co-op. Stop by Shade & Seeker at 112 Cricket Avenue, Ardmore, PA 19003 to shop local and support our new partnership!

Events

Member Town Hall

Thursday, August 17, 1:00 – 2:00pm

Zoom | [Register Here](#)

Grab your lunch and join us for our inaugural member town hall, where you can hear from The Energy Co-op staff about market trends, our upcoming programs, and get all your Energy Co-op and energy related questions answered!

Member Happy Hour - Center City, Philadelphia

Thursday, September 7, 5:30 – 7:00pm

Location TBA

Come meet your fellow members and The Energy Co-op's staff while enjoying complimentary beverages and appetizers!

Member-to-Member Webinar with Sage Integrative Health

Thursday, September 14, 6:00 - 7:00pm

Zoom | [Register Here](#)

Join us for our next Member-to-Member Webinar with Dr. Wendy Romig, founder of [Sage Integrative Health](#). Tune in for a great discussion on the intersections of personal and environmental wellness.

What We're Reading

[‘Replace fossil fuels’: Climate activists target PECO’s next power purchase plan](#)

Every four years, PECO makes a plan to buy electricity for its customers. Climate activists want the utility to do something different next time
Sophia Schmidt, WHYY

[How old coal plants could help fuel a renewable boom](#)

Pennsylvania’s largest coal plant closed in June, but it still has a valuable asset:

a connection to the nation's largest regional power grid.
Miranda Willson, Energywire

[The U.S is now exporting more LNG than ever before](#)

Despite recent clean energy accomplishments, the U.S is exporting record breaking amounts of liquified natural gas

Maria Virginia Olano, Canary Media

Blog Posts

[Spotlight on Renewable Energy Technology: Coal Mine Geothermal Energy](#)

By Eleanor Fulvio

[Energy Choice and Your Rights as an Energy Consumer | A panel event hosted by The Energy Co-op and Green Philly](#)

By The Energy Co-op Staff

[The Role of Local Government in the Clean Energy Transition](#)

By Eleanor Fulvio



THE ENERGY CO-OP

Leading the Energy Evolution

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