

Staff Notes and Reads

[Kentucky Public Service Commission orders retail electric suppliers to update net metering tariffs.](#)

[Impact of Wind, Solar, and Other Factors on Wholesale Power Prices: An Historical Analysis--2008 through 2017](#), recently published by Berkeley Lab, Electricity Markets and Policy Group, is shared by Kenya Stump.

Greg Bone shares a blog published by Medium entitled, "[Community Structures, interactions and dynamics in London's bicycle sharing network using R](#)". This provocative article looks at how we can use data mining techniques to understand communities with London's BSS, bike sharing schemes.

Kenya Stump is sharing WAVE 3 News story, [Mall St. Matthews going green with solar panels.](#)

Interested in transportation news? Lona Brewer is sharing, [Anheuser-Busch, Nikola, BYD Complete First Zero-Emission Beer Run](#), e-news article about zero-emission trucks in Transportation Topics e-news.

Lona Brewer shares CNN Business article, "[Secretive energy startup backed by Bill Gates achieves solar break through](#)", explaining how concentrated solar energy can be used to create the extreme heat required to make cement, steel, glass, and other industrial processes.

Eileen Hardy shares the CNN Business story about "[Tesla reveals cybertruck, but breaks its 'unbreakable' windows during unveiling](#)".

UTILITY DIVE article, [Dominion extends poop power push with \\$200 million Vanguard Renewables partnership](#), is shared by Kenya Stump

About Us



We believe in our [mission](#) to utilize Kentucky's energy resources for the betterment of the Commonwealth while protecting and improving our environment.

We're excited to welcome Rebecca Goodman as Secretary of the [Energy and Environment Cabinet](#). She has spent the majority of her law career in service to the Commonwealth. After beginning her legal career as a staff attorney for the Kentucky Public Service Commission, she served as general counsel for the Department of Alcoholic Beverage Control, the Executive Branch Ethics Commission, and the Kentucky Electric Generation and Transmission Siting Board. She also served as the executive director of the Office of Legal Services with the Kentucky Transportation Cabinet. Most recently, she led the Office of Rate Intervention in the Attorney General's Office.

Partner Spotlight



Kentucky Habitat for Humanity is a non-profit association that focuses on bringing people together to build homes, community and hope.

Viz of the Month

On the Map for Emergency Management

[Click here](#) to view current U.S. Census Bureau Data Map of for Disaster, Natural Hazards, and Weather Events.

OEP Out and About

Through education, outreach and professional development, OEP staff are better equipped to understand and assist stakeholders on how energy impacts daily lives. Here's what we've been working on this month.

Kenya Stump, Greg Bone, and Amanda LeMaster attended the [NASEO-NARUC Energy Security and Data Analysis Workshop in Washington, D.C.](#)

The Kentucky Office of Energy Policy was selected as a participant in the NASEO-NARUC Microgrid Working Group. The Working Group will host facilitated discussions to explore microgrid technologies and applications, policy and regulatory frameworks, financing models, and the full range of benefits that microgrids can provide to owners / operators, ratepayers, and other stakeholders. A key function will be to highlight and draw lessons from existing projects. NARUC and NASEO will jointly lead this work in close collaboration with the DOE Office of Electricity and will rely on state input to guide this collaborative initiative.



Short-Term Energy Outlook

On December 10, U.S. Energy Information Administration released its [Short-Term Energy Outlook](#). The full report is available on line and offers a Market Review, Data, Supplements, Price Summary and Forecast Highlights for Global Liquid Fuels, Natural Gas, Electricity, Coal, Renewables and Emissions.



[Appalshop's Solar Pavilion](#) in Whitesburg, Kentucky was unveiled in June of this year, and since then, has saved more than \$3,647 in energy costs. Appalshop is a private, non-profit organization that supports people and communities of Appalachia. Participating in the Solar Pavilion ribbon cutting event were: City of Whitesburg Mayor Craft and daughter Sammy, Appalshop Executive Director Alex Gibson and Founder Herb E. Smith, Appalachian Media Institute Director Willa Johnson, and MACED's Josh Bills. [Learn more](#) about this project.

Learning Opportunities



When: February 4, 2020

Where: University of Kentucky Gatton Student Center

What: Learn how to make a difference in your business, homes and communities.

Agenda: 8 a.m. - 4:30 p.m. Information on Action Teams for Waste Reduction, Sustainable Agriculture and Local Foods, Water Quality and Energy Efficiency & Climate

Concerned and interested Central Kentuckians, elected officials, those working in community and environmental fields, government employees, businesses and students are invited to attend. To learn more and to register, visit the [Bluegrass Greensource - Sustainability Summit website](#).



Estimating the Health Benefits Per-Kilowatt Hour of Energy Efficiency and Renewable Energy

The U.S. Environmental Protection Agency (EPA) has developed a set of values that help state and local government policymakers and other stakeholders estimate the outdoor air quality-related public health benefits of investments in energy efficiency and renewable energy. The **health benefits per kWh values** presented here and the associated documentation will be updated as appropriate to reflect any future changes in methods or assumptions.

Federal Energy Management Program Energy Security Assessments Guide

Energy security is one component of physical security that has gained great importance for commercial, industrial, and government facilities. This guide describes best practices for developing an energy security assessment and threat mitigation program to help ensure that reliable energy is available to maintain critical functions at federal facilities. The template provided in this guide could be adopted into local planning and applied at all critical facilities.

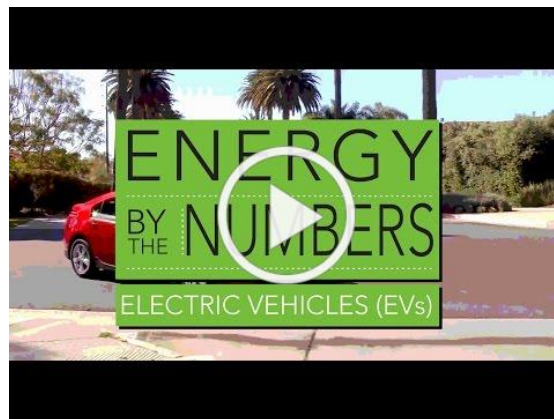
Federal Energy Management Program Energy Security Assessments Guide.

Guidance for States on Petroleum Shortage Response Planning

The National Association of State Energy Offices (NASEO) created a state-level petroleum and liquid fuel shortage guide that responds to the need identified by the states and others for improved planning and mitigation in the petroleum sector and is a critical part of enabling coordination among state agencies, interstate and regional organizations, and private sector energy providers that produce, transport, and distribute petroleum products in all states and regions. This guide is designed to provide assistance to the states as they update their energy assurance plans. It also summarizes key findings and serves as a companion document to NASEO's suite of energy assurance technical assistance offerings, energy emergency exercises, and coordination workshops. **Learn more** from the *How-to-Guide for Federal Facility Managers*.

YouTube Video

Energy by the Numbers: Electric Vehicles (EVs)





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