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PUBLIC SERVICE
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Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

September 6, 2019

RE: Case No. 2019-00256

Dear Public Service Commission Members:

Thank you for inviting comments from interested persons regarding the implementation of the Net Metering Act.

Renewable energy is coming and the fossil-fuel "age" is ending. Renewable energy is displacing coal and natural gas. Renewable energy is environmentally cleaner and cheaper. Anything that can reduce our dependence on fossil fuels should be promoted to the maximum extent possible.

Our house has 39 solar panels on the roof and the panels have generated more electricity than we have used. My husband and I are not compensated for excess electricity (and we do not request compensation). As citizens and consumers, we feel strongly that our country and state should be aggressively pursuing and incentivizing renewable energy. For your current consideration, the dollar value of all electricity generated by an eligible customer-generator that is fed back to the electric grid over a billing period should, at the very least, equal the value of all electricity consumed by the eligible customer-generator over the same billing period.

In February 2019, you wrote a letter to the Kentucky General Assembly stating that the Commission has "*broad authority to consider....evidence of the quantifiable benefits and costs of a net-metered system.*" Of course, there are numerous data available in support of roof-top-generated solar electricity regarding: 1) avoided energy costs by allowing utilities to avoid purchasing peaking power on the market or using expensive backup power sources, 2) reduced line losses due to shorter distances of energy distribution, 3) reduced financial risks and electricity prices associated with fuels that have a volatile price (e.g., natural gas), 4) avoided capacity investment via elimination of the need for new capacity investments, 5) grid resiliency by reduction of peak energy needs which can overload a system and cause outages, 6) environmental and societal benefits by improving air, water, and soil quality, 7) reduced public health threats by reducing air pollution (from mining and burning coal) asthma and black lung rates will decrease, and 8) job creation and economic development by supporting one of the fastest growing industries in the United States. I trust many other commenters will provide data associated with the above-listed "quantifiable benefits".

From the United Nation's climate change website (<https://www.un.org/en/sections/issues-depth/climate-change/>), it is stated:

Climate Change is the defining issue of our time and we are at a defining moment. From shifting weather patterns that threaten food production, to rising sea levels that increase the risk of catastrophic flooding, the impacts of climate change are global in scope and unprecedented in scale. Without drastic action today, adapting to these impacts in the future will be more difficult and costly.

From the United Nation's Sustainable Development Goals website (<https://www.un.org/sustainabledevelopment/blog/2019/05/nature-decline-unprecedented-report/>), I offer only

a few of the “quantifiable costs” of not reducing greenhouse gas emissions (as direct quotes), but I urge you to visit the website for more in-depth data and information:

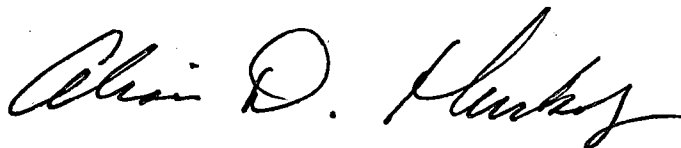
- US\$345 billion: global subsidies for fossil fuels resulting in US\$5 trillion in overall costs, including nature deterioration externalities; coal accounts for 52% of post-tax subsidies, petroleum for +/-33% and natural gas for +/-10%
- 100% increase since 1980 in greenhouse gas emissions, raising average global temperature by at least 0.7 degree
- Up to 1 million: species threatened with extinction, many within decades

Before I close, I would like to describe a little more about us and identify just a few other ways that we are attempting to “do our part” to protect valuable natural resources and/or reduce greenhouse emissions. As of April of this year, we are the proud new owners of a Prius Prime plug-in hybrid. This spring, we planted over 400 native trees on our property that we hope will grow and sequester carbon for many years to come. We recycle, compost, garden, and live simply. We have two Millennial children and our youngest son says climate change should be our country’s top priority. I couldn’t agree more.

The Commission has been charged with considering implementation of the Net Metering Act as it applies to individual utilities. The Commission is in a unique position to make transformative changes to reduce greenhouse emissions and to protect nature and human health. Your decisions can promote and incentivize roof-top solar-generated electricity for the public good. Please do the right thing.

In advance, thank you for considering my input. If you have any questions about my comments or our solar panel energy production or use, feel free to contact me.

Sincerely,



Alisa D. Huckaby
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Finchville, KY 40022

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c: Kentuckians For The Commonwealth
Representative Rob Rothenburger
Senator Paul Hornback