

From: [PSC Consumer Web Inquiry](#)
To: [PSC Public Information Officer](#)
Subject: FW: KY PSC Utility Inquiry
Date: Friday, March 26, 2021 2:25:41 PM

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Friday, March 26, 2021 2:08 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted on Friday, March 26, 2021 at 2:08 PM

Name: Ann Bennett
Address: 2167 US Hwy. 68
City: Ewing
State: KY
Zip Code: 41039

Phone number where you can be reached: [REDACTED]

Home phone:

Utility Name: N/a

State the nature of your concern: To All Concerned; CASE NO. 2020-00206 I am opposed to Solar Power Plants coming into Fleming/Mason Co. Kentucky. Our location to live was chosen due to the rural beauty of the area. Once the first footprint of the Solar Farm is begun, then more and more land will be sought out to buy to increase the size. If the Inverters are placed centrally as described, there IS still a noise factor . wildlife in the area are very perceptive to this humming and will no longer live in this location. I do not wish to live here if this were to happen also. There is no pleasing aspect at looking at solar panels. In your personal space on your barns or home roofs is acceptable. Do NOT force your eyesore projects in this highly visible area. I pay my own Property Taxes, that does not mean I want to pay increased taxes that are not my choice, ESPECIALLY AS MY PROPERTY VALUES DECREASE! i HAVE SPOKEN TO MANY NEIGHBORS WHO FEEL THE SAME

Have you contacted the utility about the problem: No

From: [PSC Consumer Web Inquiry](#)
To: [PSC Public Information Officer](#)
Subject: FW: KY PSC Utility Inquiry
Date: Thursday, April 1, 2021 8:34:26 AM

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Thursday, April 1, 2021 1:48 AM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted on Thursday, April 1, 2021 at 1:47 AM

Name: Dennis and Melinda Doyle
Address: 2628 Helena Road
City: Flemingsburg
State: Kentucky
Zip Code: 41041
Phone number where you can be reached: [REDACTED]
Home phone:
Utility Name: AEUG Fleming Solar, LLC CASE # 2020-00206
State the nature of your concern: We are not for the solar power facilities at all. Please do not allow the solar company to decrease the setback from what is set at the state level which is 1000/2000 feet. I am so disgusted by all of this that it is causing medical issues. Solar facilities would not benefit Fleming County because peoples property values will go down. The solar facilities would be near town and would ruin prime farmland.
Have you contacted the utility about the problem: No

From: [PSC Consumer Web Inquiry](#)
To: [PSC Public Information Officer](#)
Subject: FW: KY PSC Utility Inquiry
Date: Thursday, April 1, 2021 8:43:20 AM

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Thursday, April 1, 2021 2:17 AM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted on Thursday, April 1, 2021 at 2:17 AM

Name: Nora Browning Roth
Address: 646 U.S. 68
City: Ewing
State: KY
Zip Code: 41039
Phone number where you can be reached: [REDACTED]
Home phone:
Utility Name: AEUG Fleming Solar CASE#2020-00206
State the nature of your concern: Solar companies should not be allowed to deviate from the setbacks that are required by the state which are 1000 and 2000 feet. This is unfair to neighboring property owners because it is only common sense that thousands and thousands of solar panels near a property will cause it to decrease greatly in value. Some solar companies are wanting to "give" the facilities to our county so they can get out of paying property taxes. Our taxes would increase. Fleming County is the Covered Bridge Capitol of the World and littering it with toxic solar panels would be detrimental to tourism.
Have you contacted the utility about the problem: No

From: [PSC Consumer Web Inquiry](#)
To: [PSC Public Information Officer](#)
Subject: FW: KY PSC Utility Inquiry
Date: Friday, March 26, 2021 2:05:50 PM

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Friday, March 26, 2021 1:42 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted on Friday, March 26, 2021 at 1:41 PM

Name: Nora Roth
Address: 646 U S Hwy 68
City: Ewing
State: KY
Zip Code: 41039
Phone number where you can be reached: [REDACTED]
Home phone:
Utility Name: N/a

State the nature of your concern: To All Concerned; Solar Power plants in Fleming-Mason Counties I would like to say that I am opposed to the idea of this program. Fleming County is known as the Covered Bridge Capital of the world, hopefully never the Solar Capital. These industrial facilities would deter Tourism and cause negative feedback from tourists about Fleming Co. Property Values will decrease no matter the sales pitch given by the Experts "sitting in North Carolina". This proposed idea will infringe on adjoining landowners who did not sign up. Taxes will go up in the county with no long-term benefit to the residents. Mass exodus of your tax base could happen if unwarranted tax increases occur due to these facilities.

Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: Fleming County Case #2020-00206
Date: Friday, April 2, 2021 10:45:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

-----Original Message-----

From: PSC Public Information Officer <PSC.Info@ky.gov>
Sent: Thursday, April 1, 2021 5:34 PM
To: PSC Executive Director <PSCED@ky.gov>
Subject: FW: Fleming County Case #2020-00206

-----Original Message-----

From: Jennifer Gleason [REDACTED] >
Sent: Saturday, March 27, 2021 4:03 PM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: Fleming County Case #2020-00206

Dear PSC,

Case #2020-00206

Please consider the long term negative effects of lost farmland due to mega sized solar installations. We are Against the deviation of setbacks for this project.

Jennifer Gleason
Sunflower Sundries
434 Dividing Ridge Road
Mount Olivet, Ky 41064
[REDACTED]

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: . #2020-00206
Date: Friday, April 2, 2021 10:53:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Public Information Officer <PSC.Info@ky.gov>
Sent: Thursday, April 1, 2021 6:05 PM
To: PSC Executive Director <PSCED@ky.gov>
Subject: . #2020-00206

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Thursday, April 1, 2021 4:12 PM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Thursday, April 1, 2021 3:48 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by ([REDACTED]) on Thursday, April 1, 2021 at 3:47 PM

Name: Martha Boyd
Address: 5035 Main Street
City: Mays lick
State: KY
Zip Code: 41055
Phone number where you can be reached: [REDACTED]

Home phone:

Utility Name: Solar

State the nature of your concern: Please keep 1,000 ft setbacks from adjoining property owners. Also 2,000 ft setbacks from schools, residential hospitals and nursing homes. #2020-00206 I appreciate you doing this.

Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: 2020-00206
Date: Friday, April 2, 2021 10:45:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Public Information Officer <PSC.Info@ky.gov>
Sent: Thursday, April 1, 2021 5:34 PM
To: PSC Executive Director <PSCED@ky.gov>
Subject: 2020-00206

From: Jack [REDACTED]
Sent: Sunday, March 28, 2021 10:05 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: Case Related Question

This is an objection to the Fleming Solar (Acciona) Motion for setback Deviation .Case # 2020-00206. I object to decreasing the set backs from 1,000 feet from property boundary and 2,000 feet from any residential neighborhood. Acciona is proposing the construction of a large scale solar power generating facility with a 50 ft set back for adjacent property owners property lines. I strongly object to the construction of the Solar power generating facility in Fleming county and the unreasonable proposed setback of 50 feet.

I object to destroying prime farm land for the following reasons;

1. Solar power poor reliability and economic return.
2. Solar panel life cycle is poor. Would you operate a 20 year old computer?
3. Poor land use. Acciona sights are on prime agricultural land.
4. Land degradation and Wildlife loss.

5. Aesthetics fencing and panels will destroy our beautiful county.
6. Noise!
7. Property values depreciation!
8. Hazardous materials in the panels.

I moved to Fleming county 18 years ago because of its sheer beauty, if trhis solar project moves forward the beauty of Fleming county will be lost. Please oppose these missive solar projects!

Sincerely,

Jack Reed

Sent from [Mail](#) for Windows 10

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: 2020-00206
Date: Friday, April 2, 2021 10:50:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Public Information Officer <PSC.Info@ky.gov>
Sent: Thursday, April 1, 2021 6:01 PM
To: PSC Executive Director <PSCED@ky.gov>
Subject: 2020-00206

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 2:34 PM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Wednesday, March 31, 2021 2:04 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by ([REDACTED]) on Wednesday, March 31, 2021 at 2:03 PM

Name: Ernest Leet
Address: 6205 Flemingsburg Mayslick Rd
City: Mayslick
State: Kentucky

Zip Code: 41055

Phone number where you can be reached: [REDACTED]

Home phone:

Utility Name: 2020-00206

State the nature of your concern: The Mason County Ky. Solar Farm Project... I am totally against this. My farm will be an island in the middle of of a solar lake .Property value will decrease if I could sell at all. Acciona, one of several companies involved is from Spain where they must compensate neighbor property owners for lost of property value .NOT HERE ! Kentucky has had a long history of outsiders coming and raping our beautiful farmland and mountains, leaving Kentuckians with a ugly toxic mess. Solar electric is going out of state ,as little as 5 jobs after construction. Settlers name the Mayslick area " The Asparagus Bed Of Mason County" because of its deep rich soil. Farmers with contracts are now cutting trees to make way for the solar panels, how could this be green? One last point, why is it so important for solar companies to obtain mineral rights? They claim so they can dig post holes and run wiring underground. Mason County happens to be on the western edge of the Marcellus Shale, makes me wonder why Acciona wants mineral rights so badly, not for post holes. Thank You. Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:51:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 4:06 PM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Wednesday, March 31, 2021 3:31 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by [REDACTED] on Wednesday, March 31, 2021 at 3:30 PM

Name: Elise Ellinghausen

Address: PO Box 51

City: Mayslick

State: KY

Zip Code: 41055

Phone number where you can be reached:

Home phone:

Utility Name: AEUG Fleming Solar motion to deviate from setbacks

State the nature of your concern: Re: Case No. 2020-00206 This letter is to oppose granting a deviation from the setback requirements of KRS 278.704(2) to AEUG Fleming Solar, aka Acciona Energy USA Global LLC. AEUG's Fleming County project is a 80 MW facility on 830 acres. AEUG is also planning a much larger 250 MW facility on 2500 acres in

neighboring Mason County. As the owner of a horse farm directly adjacent to AEUG's Mason County project site, I am extremely concerned about setbacks. The 1000-ft setbacks specified in KRS 278.704(2) are essential to protect neighboring land owners. Large-scale industrial solar facilities are not "farms". They are huge power-generating plants that will have significant impacts on adjoining property owners unless adequate setbacks are assured. Our historic farm sits on a ridge that is blessed with beautiful views of the surrounding countryside. These peaceful and pastoral views were one of the primary reasons we chose to move here. Those views will change dramatically if AEUG is granted their motion for 50-foot setbacks. To help visualize this setback, the average mobile home is 80 feet long. This means AEUG wants to build their massive facilities less than a home's length away from property lines. Our horse barn and riding arena are positioned near the property line. Allowing 15-ft high panel arrays to be built so close to us would have a negative impact on my livelihood as a certified riding instructor and equine specialist. Who will want to come take riding lessons or equine facilitated therapy sessions at such close proximity to thousands of high-voltage PV panels and razor-wire-topped fencing? The noise from inverters and other components (projected at 60-85 dB) would also have negative impacts on a horse business. Noise generated during the "12-15 month construction phase" would be even louder; riding and teaching lessons may be nearly impossible at times due to construction noise, as well as large machinery potentially spooking the horses. Declining property values are another major concern. A recent study by the University of Rhode Island reviewed nearly 420,000 housing transactions within three miles of 208 large-scale solar plants between 2005-2019. Published in Sept, 2020, the study showed the price of "homes within a mile of a solar installation declined by 1.7%." and "homes within a tenth of a mile went down by 7%". A tenth of a mile = 528 feet. The current setback of 1000 feet specified in KRS 278.704(2) would help ensure that home values are not impacted so severely for adjoining property owners. AEUG's proposed 50-ft setbacks are also inadequate with regards to some important safety issues. The high voltage nature of solar facilities means electrical fires are a serious concern. In June of 2019, a bird started an electrical fire at the 250 MW California Valley Solar Ranch facility. The blaze scorched over 1,100 acres and caused Clearway Energy an estimated \$8-9 million in losses. At the Topaz Solar Farm in CA, an "electrical issue" caused a fire that burned six acres in July, 2020. Closer to home, an animal started a fire at the SolarVision solar plant in Celina, OH, in May of 2020. It is important to note that most data on fires from solar power systems is largely unreported in the US, because the National Fire Data Center does not have a code for this type of fire, and simply lumps them into a large category called "other" (along with other types of fires). Elsewhere in the world, "media outlets from Norway to Japan have raised questions around fire safety and photovoltaic systems". A British government report on "Fire and Solar PV Systems, Investigations and Evidence" published in 2018 found that some fires were caused by the PV panels, but the majority of fires originated in DC isolators, with "the most likely cause of fire as electrical arcing". A German study conducted over a 17-year period listed the specific components where solar power fires began: Inverters and power electronics (25%), Connectors and terminals (24%), Junction boxes (19%), PV panels (12%), AC & DC switches (8%), Cables (8%), Fuses (4%). According to an insurance industry publication, "Even when fires occur for reasons unrelated to solar panels, these modules can in fact play a role in both the intensity and speed of a spreading blaze." AEUG's project in Mason County is slated to cover 2500 acres, in an area that is served by a small volunteer fire department. Will they be equipped to handle high-voltage electrical fires, which could quickly spread to neighboring properties? (Particularly if 50-ft setbacks are allowed.) The "defensible space" zone required by law in CA around homes and structures is 100 feet. "Proper clearance to 100 feet dramatically increases the chance of your home surviving a wildfire. This defensible space also provides for firefighter safety when protecting homes during a wildland

fire.” Electrical fires are particularly dangerous due to shock hazards. Firefighters require special training to handle fires at large-scale solar facilities. According to the Fire Protection Research Institute, “The inability to shut down the power on these large systems exemplifies the challenge facing fire fighters, since every panel is still generating electricity and thus the wiring and components are always ‘live’ when the sun is shining.” Even at night, the artificial lights used by firefighters can cause PV systems to produce enough electrical power to cause a “lock on” shock hazard, according to Underwriters Laboratories (UL) tests. The hundreds of thousands of PV panels installed at large-scale industrial facilities can pose a number of other hazards. In Sept 2019, a fire broke out at Japan’s largest floating PV installation, after high winds caused some of the panels to break loose and pile up, which overheated the panels and sparked a fire. AEUG plans to build its facilities in the same areas that were hit by an EF-0 tornado this past year. This relatively small tornado destroyed numerous barns and structures in May’s Lick and Nepton, and scattered wreckage across neighboring properties. Our own barn roof was torn off, and heavy wood roof beams and metal roofing materials were thrown over 500 feet away. A tornado of the same magnitude (EF-0) hit the 250 MW Desert Sunlight solar facility in CA in 2015. Approximately 150,000 cadmium-telluride solar panel modules were broken. Damage was so extensive that: “Broken glass [solar panel] modules containing toxic metals were strewn beyond the footprint of the site and had to be collected and moved to staging areas via trucks and trailers.” “Small bits of glass also had to be swept from the ground, so lots of rocks and dirt got mixed in that would not work in recycling plants that are designed to take modules. These were the cadmium-based modules that failed hazardous waste tests, so had to be treated at a hazardous waste facility.” The cadmium used in thin-film PV panels is highly toxic. The Center for Disease Control (CDC) states: “Cadmium is a highly toxic carcinogenic that is harmful to most of the body’s systems, especially to the lungs, bones, and kidneys.” OSHA also lists cadmium as a toxic chemical and known carcinogen: “Cadmium and its compounds are highly toxic and exposure to this metal is known to cause cancer and targets the body’s cardiovascular, renal, gastrointestinal, neurological, reproductive, and respiratory systems.” If PV panels are broken or cracked, chemicals can begin leaching into soil and groundwater. Contrary to previous assumptions, this can occur very quickly. A National Institute of Health study reported: “73% of a panel’s cadmium concentration can leach within a municipal landfill in just 30 days.” Cadmium is also highly soluble into surface water and groundwater. “Disposal of panels into landfills leads to cadmium leakage, which can poison aquatic life and the water table.” Silicon-based PV panels contain lead, another toxic chemical. Leaching tests in Europe have shown: • Silicon panels have a leaching potential of approximately 4 grams of lead per kilowatt installed • CdTe panels have a leaching potential of approximately 23 grams of cadmium per kilowatt installed Currently, there are no landfills or recycling centers in KY that will accept used or broken solar panels due to the toxic materials. According to Mason County’s late county judge-executive Joe Pfeffer, the nearest facility that will accept them is hundreds of miles away in TN. Who will conduct (and pay for) hazmat cleanup, if any of the hundreds of thousands of PV panels at these large-scale solar facilities are damaged by extreme weather? Or if panel fragments and/or toxins end up contaminating neighboring properties? Solar panels can and do break. Given the large debris fields created by tornados and straight line winds, adequate protection (and setbacks) must be assured for adjoining property owners. Large-scale solar facilities have also been damaged by other weather events such as hail and hurricanes. A number of these storms broke PV panels that were supposedly certified to withstand extreme weather. (For specific info and photos, please see references section below.) If AEUG is allowed to deviate from setback requirements, this would set a precedent at the state level, and open the door for future setback deviations for not only this company, but the many other solar development companies now targeting our region. Please do not allow this to happen. The

setback requirements in KRS 278.704(2) must be upheld. Thank you, J. Elise Ellinghausen

References <https://web.uri.edu/coopext/files/PropertyValueImpactsOfSolar.pdf>
<https://www.latimes.com/business/la-fi-bird-fire-solar-farm-20190624-story.html>
<https://www.sanluisobispo.com/news/local/article39055539.html>
<https://mercercountyoutlook.net/2019/05/09/watch-the-video-solar-farm-fire-in-celina/>
<https://pv-magazine-usa.com/2019/08/22/there-are-solar-power-fires-per-year/>
<https://www.power-technology.com/news/uk-solar-panel-fires-report/> <https://pv-magazine-usa.com/2019/08/22/there-are-solar-power-fires-per-year/> [If-insurance.com/large-enterprises/insight/risk-consulting-magazine/risk-consulting-2019-2/preventing-solar-panel-fires](https://www.insurance.com/large-enterprises/insight/risk-consulting-magazine/risk-consulting-2019-2/preventing-solar-panel-fires) [Fire.ca.gov/programs/communications/defensible-space-prc-4291/](https://www.fire.ca.gov/programs/communications/defensible-space-prc-4291/) [SolSMART.org/wp-content/uploads/FPRF_FireFithersSafety.pdf](https://www.solSMART.org/wp-content/uploads/FPRF_FireFithersSafety.pdf) http://ulfirefightersafety.org/docs/PV-FF_SafetyFinalReport.pdf <https://energycentral.com/c/ec/if-solar-panels-are-so-clean-why-do-they-produce-so-much-toxic-waste> <https://www.cdc.gov/niosh/topics/cadmium/default.html> <https://www.osha.gov/cadmium> <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5607867/> <https://www.cleanenergyauthority.com/solar-energy-news/cadmium-risk-in-photovoltaic-panels-041411> Additional info on storm damage to solar facilities
<https://www.solarpowerworldonline.com/2018/01/solar-industry-responding-increasing-intensity-natural-disasters/> <https://pv-magazine-usa.com/2020/12/14/extreme-weather-is-causing-solar-insurance-premiums-to-explode/>
<https://www.solarpowerworldonline.com/2020/12/can-your-solar-project-weather-a-hailstorm/>
http://www.businessnorth.com/daily_briefing/storm-damages-minnesota-power-solar-power-plant/article_a7f34d54-75fb-11e6-89fe-53abb52280c3.html
<https://www.kens5.com/article/news/local/alamo-2-solar-farm-damaged-by-tuesdays-hail-storm/273-133803902> <https://www.wral.com/weather/video/16953107/>
<https://www.youtube.com/watch?v=WDqX5vfXSLE>

Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:50:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 4:14 PM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Wednesday, March 31, 2021 3:43 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by [REDACTED] on Wednesday, March 31, 2021 at 3:42 PM

Name: Barbara Schwartz
Address: 6205 Flemingsburg-Mayslick Road
City: Mayslick
State: KY
Zip Code: 41055
Phone number where you can be reached: [REDACTED]
Home phone:
Utility Name: 2020-00206

State the nature of your concern: I appreciate the Commission considering the voices of the people who would have to look at, live by and be negatively impacted by the Solar "Farms" being proposed for Mason County. Toxic run off ,, ,loss of property values ... to say nothing of the scenic degradation. Who benefits from this project ? A few farmers in this area will

receive some money as long as the project is viable . Some Tax dollars for Mason county as long as the project is viable . And lets not forget " 5 jobs " post construction. I believe you should, NOT be fooled by the promise to return the land to it's pre construction state more research has to be done ! My sources are telling me .." not possible "...Many Solar Projects are bought and sold numerous times and default on contract payments. Resulting in abandonment and we { the County} are left with no recourse, ruined land and a toxic mess to clean up at Taxpayers expense. Should we {you} allow a few to benefit,,,, at the cost of our irreplaceable Prime Farm Land. Will you read this Objection to the Solar Panel project being considered in our area ? Please .. feel the love and passion Most informed Mason County residents feel. Please .. feel the fear and disappointment your constituents are anticipating " if you allow this project 2020-00206 to come to fruition . Thank you , Barbara Schwartz
Have you contacted the utility about the problem: Yes

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:50:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 8:58 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Tuesday, March 30, 2021 11:53 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by [REDACTED] on Tuesday, March 30, 2021 at 11:52 PM

Name: Jason & Rebecca Sheppeck
Address: 6203 Parker Lane
City: Mayslick
State: Ky
Zip Code: 41055
Phone number where you can be reached:
Home phone:
Utility Name: AEUG Fleming Solar LLC

State the nature of your concern: We write to express our deepest concerns in lieu of just now learning of a massive solar powered energy commercialization that is being proposed by Acciona Solar Company. We understand that Kentucky Revised Statue 278.704 reads that with regard to energy producing power plants that there is to be a 1,000 foot setback from

property lines and a 2,000 foot setback from residential neighborhoods, hospitals and/or nursing homes. That is the current law and we ask the Kentucky State board on Electric Generation and Transmission Siting to follow the law and not grant any deviations' from that law. The pandemic of Covid-19 has greatly impacted the usual means of communication due to the majority of our community members who practice doing the right thing to stop the spread which we strongly believe have lead to a majority of our community members not being informed about this specific proposal of 1,200 - 2,500 plus acres of a solar power plant in the Mason & Fleming counties. Solar may seam like an appealing choice for clean energy at face value, but these panels can and do harbor their share of toxic chemicals. Do we know the specific ingredients that these proposed solar panels are made of? Do the proposed solar panels meet any RoHS standards such as "Restriction of Hazardous Substances Directive 2002/95/EC" and/or the state of California RoHS laws? Do these solar panels contain •Lead (Pb), •Cadmium (Cd) and/or •Hexavalent chromium (Cr6+)? Has the community thought about how to properly disposed of these solar panels that have toxic chemicals like lead & cadmium? Solar panels create 300 times more toxic waste per unit of energy that nuclear power plants, a startling revelation. This is an even more reason why a recycling strategy is needed now vs after it is too late.

Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:49:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 8:59 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Wednesday, March 31, 2021 12:15 AM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by [REDACTED]
on Wednesday, March 31, 2021 at 12:14 AM

Name: James pfeffer
Address: 6055 Fleming's rug mayslick road
City: Mayslick
State: Kentucky
Zip Code: 41055
Phone number where you can be reached: ([REDACTED])
Home phone: [REDACTED]
Utility Name: Case# 2020- 00206

State the nature of your concern: As a resident of mason county, neighboring Fleming county, I am concerned that the solar panel set back of 1000 feet from adjoining property owners 2000 foot setbacks from schools, residential areas, hospitals, and nursing homes, in the KRS278.704(2) will not be upheld. And that a much shorter set back will be granted.

Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:49:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 8:55 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Tuesday, March 30, 2021 10:56 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by [REDACTED] on Tuesday, March 30, 2021 at 10:55 PM

Name: Emily Marshall
Address: 6216 Parker Lane
City: Mayslick
State: KY
Zip Code: 41055
Phone number where you can be reached:
Home phone:
Utility Name: AEUG Solar LLC

State the nature of your concern: As a concerned citizen of the community I write this letter to gain further information in regards to the solar farms gaining momentum in the county of Fleming and adjoining Mason Co., of which I currently reside. Living on an 8 acre farm with neighboring farms with beautiful green rolling hills, adjoining our land, the threat of

destroying the picturesque landscape for very little benefit to anyone other than the company owning the solar plants and the farm owners who sell out is devastating. The damage to the land, the fear of poisoning the land that my animals are grazing upon, the left over debris from the short life span of solar fields, and the reduction of value to my farm due to the neighboring eyesores, all contribute to the purpose of the letter written here today. Additionally, a question that one must ask is does this action abide by KRS278.704(2)? Lastly, who is protecting the interests, concerns and needs of ALL residents, landowners, and future generations? Not just those few that stand to benefit financially? With appreciation for your attention, Emily Marshall

Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:49:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 9:01 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Wednesday, March 31, 2021 8:35 AM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by [REDACTED] on Wednesday, March 31, 2021 at 8:34 AM

Name: Carol Marnell
Address: 4075 Bridle Path Lane
City: Maysville
State: KY
Zip Code: 41056
Phone number where you can be reached: [REDACTED]
Home phone:

Utility Name: Fleming Mason Energy
State the nature of your concern: Objection To The Fleming Solar (Acciona) Motion For SetBack Deviation In Fleming County. Case# 2020-00206. I am writing to strongly object to both the building of mega solar power plants in Fleming and Mason counties and the horrific proposed setback reductions. Why Do I Object? 1. Destroying Prime Agricultural Land for

nothing more than corporate profit. 'Renewables' in their current form are not viable energy sources. The power is intermittent, unreliable and has capacity factor of well under 30% in this area. It is supplemental power, not base load. Solar overbuild will result in a very low market demand over time. 2. Property Values Will Drastically Decrease. Surrounding homes with a mega solar power plant to within 50ft of their property lines would decimate their value, if they could be sold at all. Acciona is holding up an 'independent study' from a South Carolina company showing 'no negative impact' on property values. Vasundhara et al. 2020 found that homes 528ft from a solar installation were reduced by 7% in value. They also estimated a net loss of 1.66 billion in aggregate housing value in MA and RI. Vasundhara Gaur. Et al. (2020) Property Value Impacts of Commercial Scale Solar Energy. Department of Environmental & Natural Resource Economics. University of Rhode Island. Acciona proposes a 50ft setback from property line, which is matched by the current Mason County model ordinance. Based on the referenced studies, it can be assumed that homes 50ft from a mega solar facility will be negatively impacted much more. Imagine looking at 2 homes in a rural setting. One is surrounded by fields and the other a million solar panels. Ask yourself a simple question, 'Which would you buy?' As home values dropped, so would property taxes collected by the counties. 3. Environmental Impact Due to Toxic Materials Used in Solar Panels. Solar panels contain significant amounts of cadmium. "It is a highly toxic carcinogenic that is harmful to most of the body's systems, especially to the lungs, bones, and kidneys. The level of exposure depends upon the dose, duration, and work being done. Cadmium is used in many industries." They claim there is no proven risk of cadmium leaching into the ground beneath the panels. (Remember they also claim no adverse noise or property value impacts) Over a 30 year span, it is entirely possible that adverse weather events will break panels and release cadmium into the ground beneath them. It is very expensive to recycle panels and it's highly likely that they will end up in huge landfills like the blades from wind turbines. 4. Noise. Solar inverters produce noise. Noise in a rural area can be 40dBA or less on a calm day. An intrusive noise 10 dBA above natural background sounds will result in widespread complaints (Robert Rand INCE) This would be at a peak of only 50dBA. Acciona proposes a 24 hour averaged limit of 50dBA meaning that noise would be much higher on a calm sunny afternoon. Noise should be limited to a 40dBA peak to minimize annoyance and impact on enjoyment of property. 5. Divided Community. Allowing such a development without a protective ordinance would cause division between those who stand to profit from lease payments and their neighbors forced to live in the midst of a solar power plant because their homes have become devalued and unsalable. 6. Solar Development Does Not Benefit Local Community. Electricity generated by solar panels does not stay on the local power grid. Solar development does not create local jobs. Sincerely, Carol Marnell
Maysville Equestrian Center 4075 Bridle Path Lane Maysville, KY 40056 [REDACTED]
[REDACTED]

Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:48:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 8:26 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Tuesday, March 30, 2021 9:37 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by ([REDACTED]) on Tuesday, March 30, 2021 at 9:36 PM

Name: Robbie Morgan
Address: 6205 Flemingsburg-Mayslick
City: Mayslick
State: Kentucky
Zip Code: 41055
Phone number where you can be reached: [REDACTED]
Home phone:
Utility Name: #2020-002-06

State the nature of your concern: Solar Fields in Mayslick, Kentucky are a major concern for me as any solar projects are as they are not a prime example of renewable energy. The renewables are limited, especially in relation to the birth and death cycle of the solar panels themselves. Sure, the sun itself is a renewable source but the materials it takes to capture and

transform it are highly suspect as a green energy. The environmental impact and toxic waste implications are problematic. You can't recycle voltaic components. What do you do with a decommissioned solar panel? You can't recycle it. It goes to the landfill. The panels themselves are considered hazardous materials even during the active use cycle. Lead, cadmium and other heavy metals can leech into the ground water. Imagine the tornado and high wind prone ridge line in Mason County alone. A tornado could rip through solar fields and, well, then what? Heavy metals are non-recoverable. How long after the death of the solar field will it take to revive that as active agricultural, food producing, usable land? More intensive analysis of the true pros and cons of solar energy are necessary for the community to make a fully informed decision.

Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:48:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 8:34 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Tuesday, March 30, 2021 10:29 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by ([REDACTED]) on Tuesday, March 30, 2021 at 10:28 PM

Name: Jim Lally
Address: 434 Dividing Ridge Rd
City: Mount Olivet
State: KY
Zip Code: 41064
Phone number where you can be reached: [REDACTED]
Home phone:
Utility Name: Fleming Co.

State the nature of your concern: Case number 2020-00206 Please keep the setbacks as stated on KRS278.704(2) Upheld. Do not deviate from setbacks established.

Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:47:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 8:21 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Tuesday, March 30, 2021 5:02 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by [REDACTED] on Tuesday, March 30, 2021 at 5:02 PM

Name: Julie Burton
Address: 6103 Nepton Road
City: Ewing
State: KY
Zip Code: 41039
Phone number where you can be reached:
Home phone:
Utility Name: AEUG Fleming Solar, LLC. CASE # 2020-00206
State the nature of your concern: Public Service Commission Officials, Subject: Case # 2020-00206 I respectfully implore you to not allow AEUG Fleming Solar, LLC or any solar company to deviate from the 1,000/2,000 foot setbacks that are mandated by the state of Kentucky. KRS 278.704(2) needs to be abided by. Cadmium can be washed out of solar

modules by rainwater. A group called the Concerned Citizens of Fawn Lake in Virginia is concerned about a 6,350-acre solar facility leaking cadmium. A group member estimated that there are 100,000 pounds of cadmium contained in those 1.8 million panels. Leaching from broken panels damaged during weather events like hail storms, tornadoes, etc. is a health issue and this health issue would continue for decades, even until decommissioning and after. OSHA's description of cadmium: "Cadmium and its compounds are highly toxic and exposure to this metal is KNOWN TO CAUSE CANCER and targets the body's cardiovascular, renal, gastrointestinal, neurological, reproductive, and respiratory systems." These health-destroying materials must be kept out of Fleming County (and Mason County). These power plants should not be allowed to be constructed anywhere near our homes, schools, hospitals, or nursing homes facilities, etc. at all. At the very least, if officials [unwisely] allow these industrial facilities to come into our counties on agricultural land they should be required to abide by the Kentucky state-mandated 1,000 foot setbacks from adjoining property owners and 2,000 foot setbacks from schools, residential neighborhoods, hospitals, and nursing homes. There are many other reasons to regulate these facilities out of the state of Kentucky. Here are some of the other reasons. * The fact that they destroy the aesthetics of our beautiful countryside. * They take up prime farmland. * They decrease the property value of adjoining land owners. * They discourage people buying properties here. * Soil compaction occurs. * Tourism would logically decrease. Allowing solar plants to close in on our living, schooling, and healthcare areas is gambling with our children's and grandchildren's health, environment, and inheritance. I feel that in most peoples' heart of hearts they do not want to allow this gamble. Proud Kentucky Resident, Julie Burton <https://www.americanexperiment.org/the-environmental-disaster-of-solar-energy/>
Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:47:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 8:36 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Tuesday, March 30, 2021 10:30 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by [REDACTED] on Tuesday, March 30, 2021 at 10:30 PM

Name: Martha Boyd
Address: 5035 Main Street
City: Mays lick
State: KY
Zip Code: 41055

Phone number where you can be reached: [REDACTED]
Home phone:
Utility Name: Solar

State the nature of your concern: Please keep 1,000 ft setbacks from adjoining property owners. Also 2,000 ft setbacks from schools, residential hospitals and nursing homes. #2020-00206 I appreciate you doing this.

Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:47:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Monday, March 29, 2021 9:35 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Monday, March 29, 2021 7:01 AM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by ([REDACTED]) on Monday, March 29, 2021 at 7:01 AM

Name: don solarz
Address: 5101 shouse ln
City: mayslick
State: ky
Zip Code: 41055
Phone number where you can be reached:
Home phone:
Utility Name: acciona
State the nature of your concern: case 2020- 00206 50ft setbacks on solar plants. You want to buy my farm?
Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:46:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Monday, March 29, 2021 10:27 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Monday, March 29, 2021 10:11 AM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by ([REDACTED]) on Monday, March 29, 2021 at 10:10 AM

Name: Willam F. Stewart
Address: 4075 Bridle Path Lane
City: Maysville
State: KY
Zip Code: 41056

Phone number where you can be reached: [REDACTED]

Home phone:

Utility Name: Fleming Mason Energy

State the nature of your concern: Objection To The Fleming Solar (Acciona) Motion For SetBack Deviation In Fleming County. Case# 2020-00206. I am writing to strongly object to both the building of mega solar power plants in Fleming and Mason counties and the horrific proposed setback reductions. Why Do I Object? 1. Destroying Prime Agricultural Land for

nothing more than corporate profit. 'Renewables' in their current form are not viable energy sources. The power is intermittent, unreliable and has capacity factor of well under 30% in this area. It is supplemental power, not base load. Solar overbuild will result in a very low market demand over time. 2. Property Values Will Drastically Decrease. Surrounding homes with a mega solar power plant to within 50ft of their property lines would decimate their value, if they could be sold at all. Acciona is holding up an 'independent study' from a South Carolina company showing 'no negative impact' on property values. Vasundhara et al. 2020 found that homes 528ft from a solar installation were reduced by 7% in value. They also estimated a net loss of 1.66 billion in aggregate housing value in MA and RI. Vasundhara Gaur. Et al. (2020) Property Value Impacts of Commercial Scale Solar Energy. Department of Environmental & Natural Resource Economics. University of Rhode Island. Acciona proposes a 50ft setback from property line, which is matched by the current Mason County model ordinance. Based on the referenced studies, it can be assumed that homes 50ft from a mega solar facility will be negatively impacted much more. Imagine looking at 2 homes in a rural setting. One is surrounded by fields and the other a million solar panels. Ask yourself a simple question, 'Which would you buy?' As home values dropped, so would property taxes collected by the counties. 3. Environmental Impact Due to Toxic Materials Used in Solar Panels. Solar panels contain significant amounts of cadmium. "It is a highly toxic carcinogenic that is harmful to most of the body's systems, especially to the lungs, bones, and kidneys. The level of exposure depends upon the dose, duration, and work being done. Cadmium is used in many industries." They claim there is no proven risk of cadmium leaching into the ground beneath the panels. (Remember they also claim no adverse noise or property value impacts) Over a 30 year span, it is entirely possible that adverse weather events will break panels and release cadmium into the ground beneath them. It is very expensive to recycle panels and it's highly likely that they will end up in huge landfills like the blades from wind turbines. 4. Noise. Solar inverters produce noise. Noise in a rural area can be 40dBA or less on a calm day. An intrusive noise 10 dBA above natural background sounds will result in widespread complaints (Robert Rand INCE) This would be at a peak of only 50dBA. Acciona proposes a 24 hour averaged limit of 50dBA meaning that noise would be much higher on a calm sunny afternoon. Noise should be limited to a 40dBA peak to minimize annoyance and impact on enjoyment of property. 5. Divided Community. Allowing such a development without a protective ordinance would cause division between those who stand to profit from lease payments and their neighbors forced to live in the midst of a solar power plant because their homes have become devalued and unsalable. 6. Solar Development Does Not Benefit Local Community. Electricity generated by solar panels does not stay on the local power grid. Solar development does not create local jobs. Sincerely, William F Stewart, Maysville Equestrian Center 4075 Bridle Path Lane Maysville, KY 40056 [REDACTED]

Have you contacted the utility about the problem: Yes

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:46:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Monday, March 29, 2021 12:03 PM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Monday, March 29, 2021 11:36 AM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by ([REDACTED]) on Monday, March 29, 2021 at 11:35 AM

Name: Kim E McKisson
Address: 1375 Carpenter Rd
City: Wallingford
State: Kentucky
Zip Code: 41093
Phone number where you can be reached: [REDACTED]
Home phone:
Utility Name: Acciona

State the nature of your concern: I am in direct opposition to solar power plant development on agricultural lands. Solar companies promis to stay away from good, tillable farmland and Acciona and other companies leasing land in the Fleming and Mason county areas. These counties are rural, agricultural and residential. Solar plants should only be limited to industrial

zoned areas only. They are toxic, flammable, non-recycleable and will cause tsunamis of hazardous waste in the near future. Case # 2020-00206. I am in support of house bill SB266 by Senator West. To destroy invaluable farmland and wildlife in Kentucky is a travesty. Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:44:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Friday, March 26, 2021 1:26 PM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Friday, March 26, 2021 12:14 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by ([REDACTED]) on Friday, March 26, 2021 at 12:13 PM

Name: Jeff Martin
Address: 6210 PARKER LANE
City: Mayslick
State: KY
Zip Code: 41055
Phone number where you can be reached: [REDACTED]
Home phone:
Utility Name: Fleming Solar (Acciona) Case #2020-00206
State the nature of your concern: Jeff and Theresa Martin 6210 Parker Lane Mayslick, Kentucky 41055 Telephone: [REDACTED] Email: [REDACTED] March 26, 2021 Mr. Michael Schmitt Chairman KY State Board on Electric Generation and Transmission Siting Kentucky Public Service Commission 211 Sower Boulevard PO Box 615

Frankfort, Kentucky 40602 Subject: Objection to the Fleming Solar (Acciona) Motion for Setback Deviation Fleming County, Kentucky Case # 2020-00206 Dear Mr. Schmitt: Fleming Solar (Acciona) has applied for a setback deviation from the current KRS 278.704 requirements of 1,000 feet from the property boundary and 2,000 feet from any residential neighborhood. Acciona is proposing the construction of a large scale solar power generating facility, with the footprint having a 50 feet setback from adjacent property owner's property lines. I am writing you to strongly object to both the construction of a massive solar power merchant electric generating facilities in Fleming and Mason Counties, and the unreasonable proposed setback reduction of 50 feet. Acciona is seeking approval to construct a 2,500 acre solar power generating facility in Mason County and a 1,500 acre solar power generating facility in Fleming County. It is also our understanding that other solar companies are presently and actively pursuing land owners in these Counties to enter into lease agreements to further expand the development of solar power generation. Their goal of erecting solar panels covering an eight (8) – ten (10) square mile area is entirely feasible. Potentially resulting in my rural and pristine residential property being closely encroached upon, surrounded and "land locked" with solar panels in all directions as far as the eye can see. I (Jeff Martin) have dedicated a large part of my professional career in the public power generation sector, working in the engineering, operations, maintenance and state/federal regulatory compliance fields. My objection is based upon in depth discussion, fact gathering and site visits with associates and colleagues having the direct responsibility to operate and maintain recently installed solar projects in the State of Ohio, utilizing the latest available technologies. Lessons learned from these Ohio solar projects are directly applicable to the proposed Fleming Solar (Acciona) project, given the similarity of the environmental and climate conditions of the Ohio and Kentucky regions. Fact based analysis of the positive impacts versus the negative impacts of this proposed solar project, quickly leads one to the conclusion that the negative impacts far outweigh the positive impacts. Additionally, many of the negative impacts have very detrimental, long reaching and forever changing consequences. Following are the specific negative impacts that have resulted in our objection to be raised and submitted. 1. Power Inefficiencies, Poor Reliability and Poor Economic Return of Investment 1.1. Solar power in its current form is a poor viable energy source. It is intermittent and disrupts the conventional methods for planning the daily operation of the electric grid. Solar power fluctuates over multiple time horizons, forcing the grid operator to adjust its day-ahead, hour-ahead, and real-time operating procedures. In addition to daily fluctuations caused by sunrise and sunset, the output from solar panels can also change suddenly due to clouds, snow and ice. Variability caused by clouds can make it more difficult for the grid operator to predict how much additional electric generation will be required during the next hour of the day. Fast fluctuations in output from solar energy doesn't only disrupt the hourly load-following phase of grid planning, but also the second-to-second balance between total electric supply and demand. This can lead system operators to curtail solar generation, reducing its economic and environmental benefits. 1.2. The expected lifecycle of this solar facility is projected to be between 20 – 25 years. 1.3. The expected capacity factor of this solar facility is projected to be less than 20%. Maximum capacity of a solar panel occurs at solar noon and the duration is short lived and then abruptly falls off. 1.4. Current technology of utility-scale photovoltaic (PV) solar panels experience a loss of 1% - 2% efficiency each year. 1.5. It is our understanding that the Fleming Solar (Acciona) project is being subsidized. In order to promote the growth of renewable electricity sources, such as solar, the federal government has given them special tax incentives (subsidies). These tax incentives are intended to support technology that is too expensive and is not cost-competitive with conventional electricity sources. 1.6. Solar power does not provide the same value to the grid as conventional electricity sources. In addition to not operating on-demand, it provides little of the capacity

value that is needed to maintain long-term reliability and cannot be relied on to provide the essential reliability services the grid needs to maintain reliability. Instead, solar relies on other electricity generators to provide the services they cannot, thus “imposing” those costs on other generators and the grid. Though the solar facilities do not pay these costs, ratepayers do. 1.7. Subsidies have lowered out-of-pocket costs for renewable project developers but have not led to similar savings for electricity ratepayers. 2. Poor Use of the Land 2.1. The proposed Fleming Solar (Acciona) project is to be located in what has been scientifically documented as prime agricultural land (best of the best) within Fleming and Mason Counties. This project will directly reduce the best available cultivable land. Once this cultivable land is repurposed, it may be impracticable or impossible to ever reclaim. Typically, solar projects are not shared with agricultural uses. Land impacts from utility-scale solar projects can be minimized by siting them at lower-quality beneficial reuse locations such as; brownfields (i.e. old fossil fuel plant sites), abandoned mining land and abandoned landfills. Protection of prime soils and prime farmland should be prioritized. 2.2. Large amounts of land is required for utility-scale solar projects. This large footprint has very low corresponding energy output which equates to a very poor energy density. Energy density estimates for utility-scale photovoltaic (PV) solar systems range from 3.5 – 10 acres per megawatt. 2.3. It is egregious and environmentally irresponsible to desecrate a non-renewable natural resource of prime agricultural land in a manner that produces minimal and short term benefit, then laying it in waste and unfertile for future generations. 2.4. Loss of this prime agricultural land will directly contribute to the financial losses to local businesses that supply seed, fertilizer, hardware, lumber and equipment. 2.5. A long term concern is that after the solar lease agreements expire, will farmers be able to afford to restore and place the land back into a condition for agricultural production? 3. Land Degradation and Wildlife Loss 3.1. Construction of a large scale solar power generating facility will require the clearing and grading of land that can lead to habitat destruction and pose a risk of soil erosion and compaction. This may further interfere with the existing use of adjacent lands and alteration of drainage channels. 3.2. It has been studied and documented that solar array fields exclusionary fencing cause animal behavioral shifts in response to the environmental changes. These shifts adversely affect survival and reproduction. 3.3. Solar array fields directly contribute to the increase in wildlife impacts, injury and mortality. Categories and affected species include: • Solar flux (burning alive) – birds and insects • Impact trauma – birds and bats • Electrocution – birds • Electromagnetic field effects – bats, amphibians, insects, reptiles 3.4. Migratory species compared to other groups of species appear to suffer disproportionately higher mortality from solar facilities. Particularly those located on migration routes and/or breeding grounds. Migratory water bird species are susceptible to being attracted to solar arrays because they are perceived as waterbodies and attracting them to land, causing injury or death in most cases. This is called the “lake effect”. 3.5. It is noted that there has been increased sightings of large birds of prey, bald eagles in particular, and other rare, threatened and endangered bird species in the Mayslick area. These bird species will also be susceptible to higher injury and mortality from a solar facility. 4. Visual Intrusion – Aesthetics 4.1. Security fencing will be required to be installed for public safety. Typically, security fencing for utility projects consists of heavy gauge chain-link fence, 7-feet high with 3-strands of barbed wire on top. Warning and Danger signs will be affixed to the fencing in minimal spacing. Not a complimentary addition to rural environment. 4.2. The views of beautiful vistas, open horizons and scenic byways that the residents now enjoy will be disrupted and obstructed by security fenced solar array fields. With those array fields being located within 50-feet of their property lines. Forever altering the natural beauty of the rural community that the residents chose to live. 5. Increased Noise Levels 5.1. The outdoor ambient sound levels in a rural setting is typically 40dBA or less. 5.2. The proposed solar project will be utilizing inverters to convert DC power to AC power. That

power conversion produces noise. Acciona proposes a 24-hour averaged limit of 50dBA. An averaged limit is not a threshold limit. On days that are calm and sunny, the noise level could easily exceed 50dBA. The inverter noise will be approximately 10dBA above the normal ambient sound levels. This increase in sound level will be constant, noticeable and intrusive. Altering the natural peace and quiet that a rural setting provides.

6. Depreciation of Property Values

6.1. Common sense tells one that the construction of a utility-scale solar facility within a 50-foot buffer from the property line, will undoubtedly drive down the property value dramatically of adjacent residential properties. The single most important factor in establishing the market price of a rural residential property is location, location, location. Once the location of that natural setting is altered with intrusive visual impacts, the property value will diminish as a result of cause and effect. There are many beautiful and stunning homes in the Mayslick area that the residents have invested, and in which they take great pride and impeccably maintain.

6.2. When the property values drop, property taxes will also drop. Creating the beginning of a downward spiral of the community.

7. Hazardous Materials

7.1. Thin-film photovoltaic (PV) solar panels contain a number of toxic materials than those materials used in silicon photovoltaic cells. Toxic materials include; gallium, arsenide, copper-indium-gallion-diselenide, and cadmium-telluride. If not handled and disposed of properly, these materials pose serious environmental and public health risks.

7.2. Solar panels can and do break. Breaks have the potential to release the toxic materials contained within directly to the ground below and then leach into the groundwater.

8. Insufficient and Expensive Recycling

8.1. At this point in time, there are not enough recycling facilities that can recycle old panels, and there are not enough panels to make the recycling process economically feasible.

9. Community Division

9.1. We have no doubt that allowing the construction of a utility-scale solar facility will result in a broken and divided community. Deep rooted division will arise between those few who stand to profit from lease payments and their many neighbors forced to live alongside or in the middle of a large scale solar farm, causing their homes to become devalued and possibly unsalable. In closing, we purposefully chose to live in the Mayslick, Kentucky community due to its peaceful, tranquil, quiet, and unadulterated beauty. We often refer to the community of Mayslick as paradise, a glimpse of what heaven looks like. If the Fleming Solar (Acciona) project moves forward, that unique beauty will be forever changed for the worse and forever lost. We pray to God Almighty that never happens, because this is truly God's Country.

Respectfully, Jeff and Theresa Martin

Have you contacted the utility about the problem: No

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: KY PSC Utility Inquiry
Date: Friday, April 2, 2021 10:52:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Thursday, April 1, 2021 10:41 AM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: KY PSC Utility Inquiry

From: KY Public Service Commission <pscfilings@ky.gov>
Sent: Thursday, April 1, 2021 10:13 AM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: KY PSC Utility Inquiry

Below is the result of your feedback form. It was submitted by ([REDACTED]) on Thursday, April 1, 2021 at 10:13 AM

Name: Stephanie Edmond
Address: 2751 Maysville Road
City: Flemingsburg
State: KY
Zip Code: 41041

Phone number where you can be reached: [REDACTED]

Home phone:

Utility Name: Solar Panels proposed to Fleming County

State the nature of your concern: We live on Maysville Road and have a 160 acre farm where we raise hay, corn, and cattle. They want to have a solar field right up to our property line. If I look out my house window, there will be a solar field within 100 yards. Would you want to look at a solar field all day? The companies make it sound like it's wonderful, but if you do

your research, you can see they don't have their facts straight. If we have to put up fence to keep our cattle out of the creeks on our farm, what's the runoff from these devices going to do to the land. What will we have in 30 years? Poor land and ugly things to look at instead of the beautiful land we have now. Highway 11 (Maysville Road) is heavily traveled with beautiful scenery. Now we can have an eye sore. It's disgusting and I'm praying daily that it will not pass and ruin our home, farm, and the lives of my children and grandchildren. We have worked so hard for where we are and to see money and greed of others makes me sick. And, some of the proponents who live in our county, live far enough away they won't have to look at them. PLEASE DON'T LET THEM COME TO FLEMING COUNTY!! Public Siting Committee Objection To The Fleming Solar (Acciona) Motion For SetBack Deviation In Fleming County. Case# 2020-00206. Fleming Solar (Acciona) have applied for a setback deviation from the current KRS 278.704 requirements of 1000-2000ft. They propose building a massive solar power plant up to 50ft from an adjacent property owners fence line. I am writing to strongly object to both the building of mega solar power plants in Fleming and Mason counties and the horrific proposed setback reductions. Acciona is seeking permission to build a 2500 acre solar power plant in Mason County and a 1500 acre development in Fleming. It is known that several other companies are signing equally huge amounts of land in both counties for further solar power plant development. 8-10 square mile sea of solar panels in a populated rural area is entirely possible. Mason & Fleming could soon have the dubious honor of being one of the biggest solar power plants anywhere in the country outside of a desert region. If development is determined solely by international corporations seeking huge profits and landowners willing to sign leases, where will it end? How much is too much? Concerns Destroying Prime Agricultural Land for nothing more than corporate profit. 'Renewables' in their current form are not viable energy sources. The power is intermittent, unreliable and has a capacity factor of well under 30% in this area. It is supplemental power, not base load. Solar overbuild will result in a very low market demand over time. Visual Impact Siting well over 1 million solar panels within 50ft of homes and 100ft of designated scenic byways will be ugly and overwhelming. Property Values Will Plummet. Surrounding homes with a mega solar power plant to within 50ft of their property lines would decimate their value, if they could be sold at all. Acciona is holding up an 'independent study' from a South Carolina company showing 'no negative impact' on property values. Imagine looking at 2 homes in a rural setting. One is surrounded by fields and the other a million solar panels. Ask yourself a simple question, 'Which would you buy?' As home values dropped, so would property taxes collected by the counties. Noise. Solar inverters produce noise. Noise in a rural area can be 40dBA or less on a calm day. An intrusive noise 10 dBA above natural background sounds will result in widespread complaints (Robert Rand INCE) This would be at a peak of only 50dBA. Acciona proposes a 24 hour averaged limit of 50dBA meaning that noise would be much higher on a calm sunny afternoon. Noise should be limited to a 40dBA peak to minimize annoyance and impact on enjoyment of property. Toxicity and Environmental Concerns. Solar panels contain significant amounts of cadmium. "It is a highly toxic carcinogenic that is harmful to most of the body's systems, especially to the lungs, bones, and kidneys. The level of exposure depends upon the dose, duration, and work being done. Cadmium is used in many industries." They claim there is no proven risk of cadmium leaching into the ground beneath the panels. (Remember they also deny adverse noise and property value impact) Over a 30 year span, it is entirely possible that adverse weather events will break panels and release cadmium into the ground beneath them. It is very expensive to recycle panels and its highly likely that they will end up in huge landfills like the blades from wind turbines. Divided Community. Allowing such a development without a protective ordinance would cause division between those who stand to profit from lease payments and their neighbors forced to live in the midst of a solar power plant because their homes have

become devalued and unsalable

Have you contacted the utility about the problem: Yes

From: [Bruner, Brandon S \(PSC\)](#) on behalf of [PSC Executive Director](#)
To: [REDACTED]
Subject: FW: Objection To The Fleming Solar (Acciona) Motion For SetBack Deviation In Fleming County. Case# 2020-00206
Date: Friday, April 2, 2021 10:51:00 AM

Thank you for your comments on the application of AEUG Fleming Solar, LLC. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00206, in any further correspondence. The documents in this case are available at [View Case Filings for: 2020-00206 \(ky.gov\)](#).

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner
Administrative Branch Manager
Filings Branch
General Administration

Kentucky Public Service Commission
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From: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Sent: Wednesday, March 31, 2021 3:09 PM
To: PSC Public Information Officer <PSC.Info@ky.gov>
Subject: FW: Objection To The Fleming Solar (Acciona) Motion For SetBack Deviation In Fleming County. Case# 2020-00206

From: Elizabeth Berry [REDACTED] >
Sent: Wednesday, March 31, 2021 3:01 PM
To: PSC Consumer Web Inquiry <PSC.Consumer.Inquiry@ky.gov>
Subject: Objection To The Fleming Solar (Acciona) Motion For SetBack Deviation In Fleming County. Case# 2020-00206

We are writing to express our concerns about the proposed Utility and Merchant level solar projects currently proposed for both Fleming and Mason Counties. Our family owns 2 farms that lie in Mason County within the boundaries of a map presented publicly by representatives of Acciona at the informational meeting concerning their proposed 250mw project in Mason County. Prior to receiving mailed notice by Acciona of the informational meeting we had no knowledge of their proposed project, nor that they would be publicly displaying a map that showed our properties within the boundaries of the proposed project. We are also aware that AEUG Fleming Solar (Acciona) had applied for deviation to KRS278 setback restrictions to operate in Fleming County and that the Fleming County project would potential intersect with the proposed project in Mason County. We are also aware of the multiple other solar developers and companies that have signed leases or purchased lands in Mason and Fleming

County, accounting for an estimated potential of over 6000 acres of prime farmland converted to industrial solar development.

Some of our concerns include:

- The conversion of prime farmland into potentially tens-of thousands of acres in the state of industrial solar developments. The potential energy production from the solar operation in our counties do not outweigh the loss of the food production, forage and hay production potential of the rapidly disappearing state prime farmland. We are concerned that the state and counties do not have adequate regulations to control the cleanup upon decommissioning millions of panels and their infrastructure and remediating the farmland to the back to prior conditions;
- The potential damages to county roads and adjacent property from the water and mineral extraction and from water runoff caused by thousands of acres of industrial solar development in counties that already deal with excessive flooding, erosion, sinkholes and runoff issues within our delicate watersheds and karst geology. Our adjacent neighbor's farm has been signed under lease to Acciona and watersheds directly onto our farm, as well as under the adjacent county road that accesses property behind our farm. Allowing an adjacent solar development to remove existing tree lines and hedges and the potential of improper grading could have devastation effects on our property and the adjacent county road. Fifty (50ft) or even 100 (100ft) setbacks would not allow our counties room to remediate unanticipated runoff issues with drainage ditches, berms or catch ponds;
- That the filing by solar companies and developers include property value studies showing no loss of adjacent property value when other reputable third-party studies have been conducted which more accurately include the scale of the industrial merchant operations were talking about nor for the existing quality and viewshed of the property and show significant loss of property values for real estate as much as a mile radius of industrial projects. No rational person would agree that miles of chain link fence and the appearance of industrial sized solar panels 50 feet from our property lines, as well as the lack of regulation ensuring the noise level from hundreds of proposed inverters and associated sub-stations would not negatively affect the valuation and marketability of our property in a rural, agricultural area, nor is it in keeping with our counties comprehensive land use plan;
- That there is no guarantee that developers will not use toxic panels, nor can they guarantee these panels will not be damaged by weather events that we frequently have in our area, ending up on our adjacent properties and in our local public landfills;
- The congestion caused by potential years of construction on narrow and hilly county roads that service transportation corridors from Mount Olivet and Sardis to Flemingsburg, Maysville, and Lexington.

Currently, KRS 278 protections are the only regulations that we have at the state or county level to control the land grab and prospective sprawl of industrial solar. Allowing the deviation from KRS goes against our county's character and public welfare and will remove potentially tens-of-thousands of acres of prime farmland out of production with little to no existing USDA studies proving that industrial solar developments on farmland can or will be remediated to existing soil quality. It is a sellout of State lands by developers before the state

and countries have had the time to put appropriate regulations in place to allow the smart growth of solar in our state and to control the high potential of industrial solar sprawl on our valuable farmlands and the character and welfare of our rural communities.

Thank you,

Elizabeth and Michael Berry
5194 Raymond Road,
May's Lick, KY 41055



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