

Case No. 2023-00246
Dogwood Corners, LLC
Responses to Siting Board's Post-Hearing Request for Information

SITING BOARD POST HEARING DR 1-1:

Provide the names of the adjacent landowners that Dogwood Corners, Oriden, or Edelen Renewables did not have any contact with at all to inform them about the project.

Response: The Dogwood Corners project team (including employees from Oriden and Edelen Renewables) attempted contact with adjacent landowners on numerous occasions and using various methods of contact. Dogwood Corners contacted all landowners on the attached table, which includes adjacent landowners and some other residents in the Dogwood community. To supplement the referenced spreadsheet, please refer to the associated emails, phone log, public meeting notification letters provided with the application submission, and example information packet provided to landowners. Additionally, as indicated in DR1-9 and DR1-13 Dogwood Corners provided County officials with information on numerous occasions outlined in those responses. Additional outreach was made prior to the public meetings and filing of the application, as evidenced by Attachments B and E of the Application.

Witness: Megan Stahl



106 Isabella Street
Suite 400
Pittsburgh, PA 15212
412-235-9112

[REDACTED]
6697 Goode Road
Hopkinsville, KY 42240

Hello Ms. Greenfield,

We are reaching out to you regarding the Dogwood Corners Solar Project. The attached packet provides information on many aspects pertaining to the project, namely:

- Project overview,
- Community benefits,
- Summary of studies completed related to traffic, noise, property value, and decommissioning (after the life of the project).

Additionally, we have enclosed a site map of your property in relation to the Solar Project. Based on your neighboring land, we would like to discuss potential financial incentives.

Please call or send a message to set up a meeting at your earliest convenience.

Respectfully,

Mary Hassan
Associate, Development
412-403-1463
Mary.Hassan@OridenPower.com

Megan Stahl
Manager, Development
698-666-8536
Megan.Stahl@OridenPower.com

Dogwood Corners Solar Project



150 MW
solar + storage



~668 acres
Sited along
Dogwood Kelly,
Goode, and
Greeneville Roads



**Limited Resource
Impact and
Minimization
Measures**

- No public services needed, minimal traffic during operations
- Vegetation screening to minimize visibility to nearby residences



161kV Line

- On-site POI to Hopkinsville – Lost City transmission line
- New substation conforming to TVA standards to be constructed

Example Vegetation Screening



Benefits to Community



| | |
|--|--|
| Jobs | Total (direct and spinoff) of approximately 371 new jobs in the County in year one New payroll of \$22.1 million |
| Property Tax | Approximately 3-4 decades of new property-related tax payments to state and local jurisdictions in Christian County <ul style="list-style-type: none">• Due to the increased value of real estate, machinery and tangible property installed at the site• Over 36 years, this would lead to \$5.2 million in property tax revenues for local government jurisdictions in Christian County• Current 11 parcels involved generated \$9,600 in property taxes in 2021 compared to an average of approximately \$144,000 likely to be generated per year by the solar project over the life of the project |
| Long-term jobs and contracts | Operationally the project will result in a couple full-time jobs as well as opportunities for ongoing service-related contracts (maintenance, electrical, etc.) |
| Tax | Kentucky Economic Development Finance Authority (KEDFA) is not supporting solar IRBs that would allow projects to receive state property tax benefits <ul style="list-style-type: none">• The project could realize tax benefits from amortization which would reduce the state property taxes (the property value will be amortized over the period of the IRB financing)• In order to obtain the amortization benefit, there needs to be a locally approved IRB + PILOT• There would be no reduction to local taxes due to amortization |
| Community Sponsorships and Host Community Agreement | Standalone agreements created with input from County |

Summary of Information Provided

| | |
|------------------------|--|
| Traffic | <p>Dogwood Corners Solar will not be a traffic generator. A solar facility, once operational, would generate significantly less traffic than a single home.</p> <ul style="list-style-type: none">• During construction, all highway segments are anticipated to continue to operate at acceptable level of service (LOS) standards during both the peak hours. Construction for this project will not adversely affect traffic operations on any of the roadways in and around the project area.• After construction is complete, the site will be managed with negligible added traffic demand. During the operational phase of the project, the surrounding roadway network will continue to operate at an acceptable LOS during the peak hours. <p><i>Stantec Traffic Analysis dated February 2023</i></p> |
| Noise | <p>At the nearest receptors, besides intermittent and infrequent pile driver activity, no elevated and prolonged noise levels above background levels are expected either during construction or operation of the Project site. Construction (pile driving) is not expected to remain in any area beyond a week.</p> <p><i>Stantec Noise Assessment dated February 2023</i></p> |
| Property Value | <p>Dogwood Corners Solar is not expected to decrease neighboring property values. A recent study of the project by Kirkland Appraisals, LLC concluded that the Dogwood Corners solar project proposed at the subject property will have no impact on the value of adjoining or abutting properties.</p> <p><i>Kirkland Appraisals, LLC Report dated February 2023</i></p> |
| Decommissioning | <p>Dogwood Corners Solar will be fully decommissioned at the end of its operational life. Decommissioning is required in accordance with the lease agreements with landowners and KY Siting Board.</p> <p><i>Stantec Decommissioning Plan dated May 2023</i></p> |

Stahl, Megan

From: Stahl, Megan
Sent: Tuesday, September 27, 2022 1:28 PM
To: [REDACTED]
Cc: Wilmore, Seth
Subject: Dogwood Corners Solar Project Layout
Attachments: Dogwood_SiteDesign_36x48_EAST_20220920.pdf

Hi Heather,
Thank you for attending the public meeting last week. Seth said you asked for the layout map that we shared. I've attached the map showing the eastern portion of the proposed project. Please let us know if you have questions.
Thank you,
Megan

Megan Stahl
Development Manager
106 Isabella Street, Suite 400
Pittsburgh, PA 15212
m: 689-666-8536 | e: Megan.Stahl@OridenPower.com



Stahl, Megan

From: Stahl, Megan
Sent: Thursday, December 1, 2022 10:55 AM
To: [REDACTED]
Subject: RE: Dogwood Corners Solar Project Layout

Hi Heather,

I just tried calling you. I hope I have the correct number. I called [REDACTED]. Please call me back at your earliest convenience or let me know if there is a specific time that would be good for me to call you.

As I mentioned in my voicemail, I know we didn't get off to the best start, but I'm hopeful you'll give me a few minutes of your time to explain myself and to listen to your concerns. I truly would like to work together on this.

Thank you,

Megan

689-666-8536

From: Stahl, Megan
Sent: Tuesday, September 27, 2022 1:28 PM
To: heatherl_cook@hotmail.com
Cc: Wilmore, Seth <Seth.Wilmore@oridenpower.com>
Subject: Dogwood Corners Solar Project Layout

Hi Heather,

Thank you for attending the public meeting last week. Seth said you asked for the layout map that we shared. I've attached the map showing the eastern portion of the proposed project. Please let us know if you have questions.

Thank you,

Megan

Megan Stahl

Development Manager

106 Isabella Street, Suite 400

Pittsburgh, PA 15212

m: 689-666-8536 | e: Megan.Stahl@OridenPower.com



Stahl, Megan

From: Stahl, Megan
Sent: Monday, July 10, 2023 10:20 AM
To: [REDACTED]
Subject: RE: New Barren Springs Activities Bldg

Hi Walter,

I hope you're doing well and enjoying your summer! I'm still working with County officials on the Dogwood Solar Project. I'll be in town to discuss updates to the project this week. Do you have any interest in meeting with me so I can provide you with updates, or to address any concerns you might have?

If so, please let me know if you have time available on Thursday or Friday.

Thank you!
Megan

From: [REDACTED]
Sent: Tuesday, September 6, 2022 1:20 PM
To: Stahl, Megan <Megan.Stahl@oridenpower.com>
Subject: FW: New Barren Springs Activities Bldg

Megan

Please see attached.

Thanks

Walter

From: Sutton, Alisha (Pennyriple ADD) <Alisha.Sutton@ky.gov>
Sent: Tuesday, September 6, 2022 12:19 PM
To: [REDACTED]
Subject: RE: New Barren Springs Activities Bldg

[See attached.](#)

From: [REDACTED]
Sent: Tuesday, September 6, 2022 12:00 PM
To: Sutton, Alisha (Pennyriple ADD) [REDACTED]
Subject: FW: New Barren Springs Activities Bldg

Alisha

Can you get me a W-9 for the church?

Thanks

Walter

From: Stahl, Megan <Megan.Stahl@oridenpower.com>
Sent: Tuesday, September 6, 2022 12:01 PM
To: [REDACTED]
Subject: RE: New Barren Springs Activities Bldg

Walter,
When you have a minute, I also wanted to ask if you could provide the Church's W-9, or let me know who I can reach out to for that information. Seth and I would like to bring a donation and we need the Church's W-9 to have the check processed.
Thank you!
Megan

From: [REDACTED]
Sent: Tuesday, September 6, 2022 12:08 PM
To: Stahl, Megan <Megan.Stahl@oridenpower.com>
Subject: RE: New Barren Springs Activities Bldg

Hi Megan:

I had it set up for 9/20. I just sent out a group text to change the date. I don't see this being a problem.

Thanks

Walter

From: Stahl, Megan <Megan.Stahl@oridenpower.com>
Sent: Tuesday, September 6, 2022 10:04 AM
To: Wilmore, Seth <Seth.Wilmore@oridenpower.com>; [REDACTED]
Subject: RE: New Barren Springs Activities Bldg

Good morning Walter,
I hope you had a great holiday weekend! I'm writing to ask whether we can reserve the church for Thursday September 22nd instead of the 20th? Unfortunately, there was a mix up at the newspaper and our advertisement for the meeting was not published today and we are required to publish it with 2 weeks' notice so we need to push back the date of the meeting.
Please let me know if the church is OK with this change to hold our meeting Thursday September 22nd 5:00-7:00 PM.
Thank you very much!
Megan

From: Wilmore, Seth <Seth.Wilmore@oridenpower.com>
Sent: Wednesday, August 31, 2022 7:33 PM
To: [REDACTED]
Cc: Stahl, Megan <Megan.Stahl@oridenpower.com>
Subject: RE: New Barren Springs Activities Bldg

Walter,

We are good for September 20th. Does the church prefer if we start at 5 or 6pm? If it doesn't matter, we will probably go with 5pm.

Thanks much for helping make the church available for us. I think it is going to work great as an easy location for folks to get to for the open house.

Seth

From: wcummings@christiancountyky.gov <wcummings@christiancountyky.gov>

Sent: Tuesday, August 30, 2022 3:37 PM

To: Wilmore, Seth <Seth.Wilmore@oridenpower.com>

Subject: RE: New Barren Springs Activities Bldg

Seth

The church is available on September 20th or 22nd. It will not be available the next week due to a wedding. Will that be okay with you?

Thanks

Walter G. Cummings, CPA
Christian County Treasurer
521 Weber Street
Hopkinsville, Kentucky 42240
Telephone (270) 887-4103
Fax (270) 885-1937

From: Wilmore, Seth <Seth.Wilmore@oridenpower.com>

Sent: Thursday, August 25, 2022 12:29 PM

To: [REDACTED]

Subject: RE: New Barren Springs Activities Bldg

Walter,

Yes, 5-7 would be fine. If the church needed it to be later, 6-8pm would also work.

Thanks,

Seth

From: [REDACTED]

Sent: Thursday, August 25, 2022 1:23 PM

To: Wilmore, Seth <Seth.Wilmore@oridenpower.com>

Subject: New Barren Springs Activities Bldg

Seth

What time period would you need to use the building?

5:00 to 7:00?

Thanks

Walter

Stahl, Megan

From: Stahl, Megan
Sent: Monday, July 24, 2023 9:48 AM
To: 'Westerfield, Whitney (State Sen.) (LRC)'
Subject: RE: Additional Dogwood Solar Follow-up

Good morning, Senator Westerfield,
Thank you very much for the reply. I will plan to call you at 10 AM CST on Thursday.
I look forward to speaking with you.
Megan

From: Westerfield, Whitney (State Sen.) (LRC) [REDACTED]
Sent: Saturday, July 22, 2023 4:31 PM
To: Stahl, Megan <Megan.Stahl@oridenpower.com>
Subject: Re: Additional Dogwood Solar Follow-up

Megan,

The first of the week is absolutely cram packed in Frankfort. I should be available Thursday morning prior to 1p CT. You can reach me at [REDACTED].

Thank you,
ww

Sen. Whitney H. Westerfield
702 Capitol Avenue, Suite 228
Frankfort, KY 40601
[REDACTED]
<http://whit.press/SenateBio>

On Jul 18, 2023, at 1:21 PM, Stahl, Megan <Megan.Stahl@oridenpower.com> wrote:

Hi Senator Westerfield,
I hope you and your family are doing well and enjoying your summer!
I'm writing to touch base on the Dogwood Corners Solar project. We are continuing to develop the project and I'd like to know if you have a few minutes for a call so that I can provide project updates to you and hear of additional questions or concerns that you may have.
Please let me know if you have time and the best number where I can reach you.
Thank you!
Sincerely,
Megan

From: Westerfield, Whitney (State Sen.) (LRC) <Whitney.Westerfield@LRC.KY.GOV>
Sent: Wednesday, November 2, 2022 2:12 PM

To: Wilmore, Seth <Seth.Wilmore@oridenpower.com>

Cc: Stahl, Megan <Megan.Stahl@oridenpower.com>

Subject: Re: Additional Dogwood Solar Follow-up

Thank you, Seth.

I'm not familiar with Mr. Dixon, but of course I'm happy to speak with him. Please feel free to pass along his contact information.

-ww

PS: I conflated West Wing segments. There is a bit with the [Cartographers for Social Equality](#) (who want a corrected map of the globe showing the proper, unbiased scale of nations), but the episode I meant to refer to dealt with [a wolf named Pluie](#).

On Nov 2, 2022, at 1:55 PM, Wilmore, Seth <Seth.Wilmore@oridenpower.com> wrote:

Good afternoon Senator Westerfield,

Thanks again for taking the time to speak with us on Monday. You may or may not know but Jack Dixon, whom I believe you know, is participating in the project. I spoke with him today and he had hoped to attend the Fiscal Court meeting next week but unfortunately now has to be out of town. He did want me to let you know that he would be happy to speak to you regarding the project if you wanted that perspective from participating landowner standpoint since he is unable to attend the Fiscal Court meeting.

Am happy to pass along his contact information if you don't have it.

Thanks,

Seth

Sent from my iPhone

Stahl, Megan

From: Heather Cook [REDACTED]
Sent: Wednesday, August 23, 2023 11:08 AM
To: Stahl, Megan
Subject: RE: Dogwood Corners Solar Project

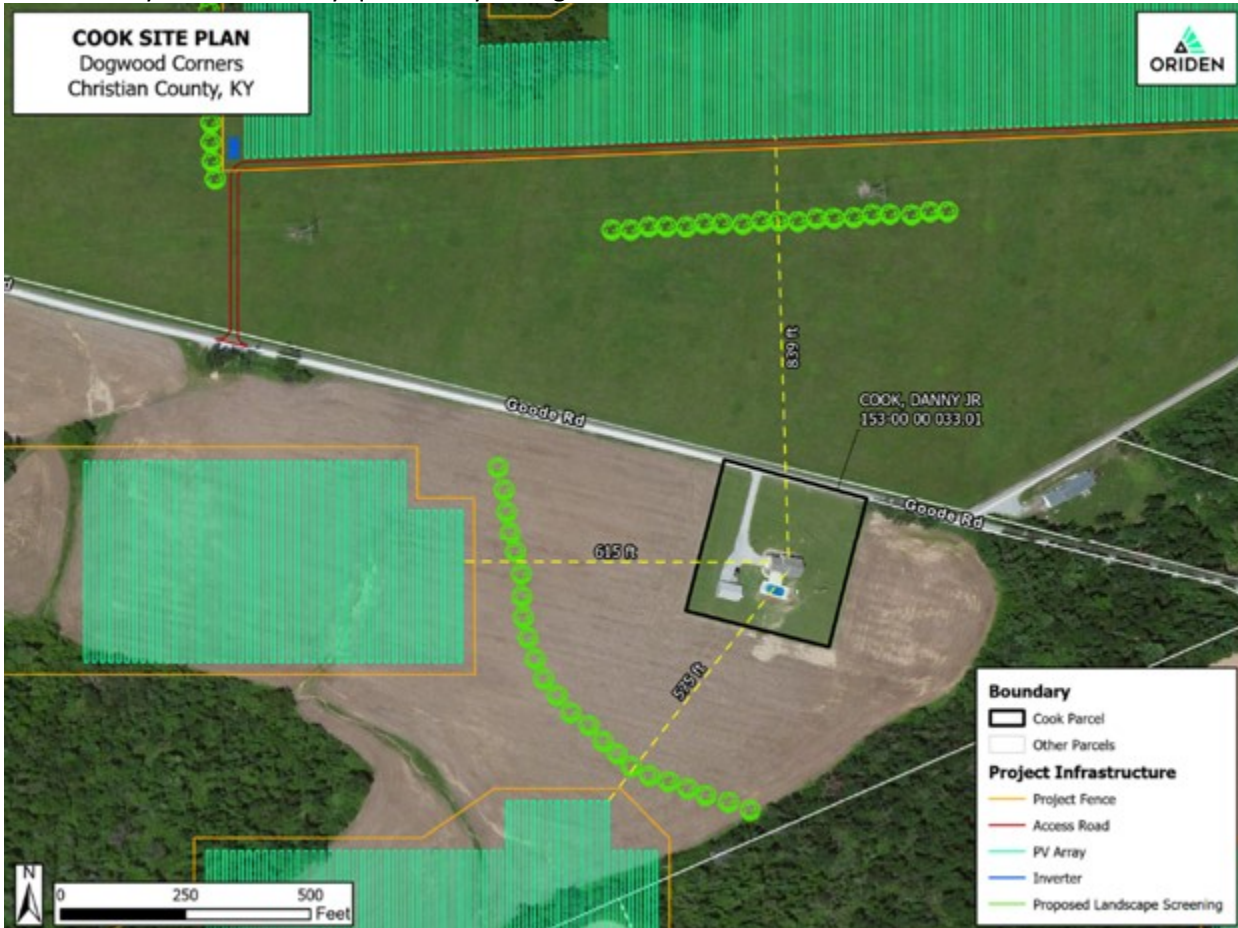
Thanks

Sent from [Mail](#) for Windows

From: [Stahl, Megan](#)
Sent: Wednesday, August 23, 2023 9:41 AM
To: [REDACTED]
Subject: Dogwood Corners Solar Project

Hi Heather,

As we discussed at the public workshop on Thursday, I'm following up to provide you with the distances from your house to the nearest proposed panels. I've attached an exhibit and pasted an image below that show the closest panels would be 575' from your house. Please note that the bright green circles depict proposed landscape screening. If you have feedback on the landscape screening, please let me know. We would like to work with you on what screening would work best. Please feel free to call me with questions or concerns. If I don't hear from you, I will follow up in the next few days to answer any questions you might have.



Thank you,
Megan



Megan Stahl

Manager, Development

106 Isabella Street, Suite 400

Pittsburgh, PA 15212

m: 689-666-8536 | e: Megan.Stahl@OridenPower.com

Stahl, Megan

From: [REDACTED]
Sent: Tuesday, August 29, 2023 11:09 AM
To: Stahl, Megan
Subject: Sep 15 2021 KRC Model Solar Zoning Ordinance 2.3.pdf
Attachments: Sep 15 2021 KRC Model Solar Zoning Ordinance 2.3.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Hi Megan, I was unaware that there had been a meeting on Dogwood Corner August 17 in Hopkinsville. I certainly would have attended in support but unfortunately I don't tune in to much of the local news. Of course the article I did read was heavily slanted toward the opposition.

The attached model ordinance is not law but was developed by the state of Kentucky in 2020. Maybe it will be of help.

There are a small number of solar allies here and possibly we could help. Please keep me informed of any future meetings or anything we can do.

Best regards, Pat Morris

[Sent from AT&T Yahoo Mail on Android](#)

Stahl, Megan

From: doug kirkman [REDACTED]
Sent: Tuesday, September 12, 2023 8:51 AM
To: Stahl, Megan
Subject: Re: Dogwood Corners Solar project

Please make sure that any and all screening and/or facilities fall within the guidelines established by the Commonwealth of Kentucky Christian County Fiscal Court Ordinance 22-004

Sincerely,
Doug Kirkman

Sent from my iPhone

On Sep 11, 2023, at 12:05 PM, Stahl, Megan <Megan.Stahl@oridenpower.com> wrote:

Hi Mr. Kirman,

Thank you for taking my call last week. I really appreciate your feedback on the Project as we continue to try to understand the community's concerns. As discussed, during development of the Project we moved the Project substation from an area within sight of your property to another location further west. We also moved the solar panels further from your property. The attached exhibit shows the currently proposed layout of the Project in relationship to your property, including distances from your residence to the nearest panels in each direction. Additionally, the exhibit shows proposed vegetative screening. Since our discussion last week, I added screening, which is shown in the red cloud. Please review and let me know if you have feedback or would like to set up a meeting to discuss further. If you are amenable to the added screening, we can update our application to the Kentucky Siting Board to show this update.

Thanks again for your time,
Megan

<image003.png>

Megan Stahl

Manager, Development

106 Isabella Street, Suite 400

Pittsburgh, PA 15212

m: 689-666-8536 | e: Megan.Stahl@OridenPower.com

<Dogwood_SitePlan_Kirkman_20230911rev.pdf>

Stahl, Megan

From: Stahl, Megan
Sent: Wednesday, October 4, 2023 11:30 AM
To: [REDACTED]
Cc: Brad Housewright; Hassan, Mary
Subject: Dogwood Corners Solar Project
Attachments: 10042023_M Greenfield Information Packet.pdf

Hi Ms. Greenfield,

I'm writing to provide you with information regarding the Dogwood Corners Solar project, which is proposed for an area along Dogwood Kelly, Goode and Greenville Roads. We would love the opportunity to speak with you about the project, answer questions you may have, and discuss vegetative screening and possible financial incentives available to you. Please have a look at the attached information and let me know if you'd like to set up a time to discuss.

Thank you!

Megan

Megan Stahl

Manager, Development
106 Isabella Street, Suite 400
Pittsburgh, PA 15212

m: 689-666-8536 | e: Megan.Stahl@OridenPower.com



Stahl, Megan

From: Amy Gibbs [REDACTED]
Sent: Friday, October 27, 2023 7:14 PM
To: Hassan, Mary; Stahl, Megan
Subject: Dogwood Corners Solar Project

Follow Up Flag: Follow up
Flag Status: Completed

My husband and I received your letter today about the Dogwood Corners Solar project. We would be interested in talking to you. Please get back to me at your earliest convenience.

Thanks,
Amy Gibbs- 270-985-5848
Brian Gibbs- 270- 985-8072

Stahl, Megan

From: [REDACTED]
Sent: Thursday, January 18, 2024 11:25 AM
To: Stahl, Megan
Subject: Re: Dogwood Corners Solar Project Public Meeting

Thank you for the information. I will be there and I will be passing this information to [REDACTED], another option holder of BrightNight Rock Pilot project and others that are supportive.

We must fight this collectively to be successful. Please keep me informed on anything I can do.

Pat

[Sent from AT&T Yahoo Mail on Android](#)

On Wed, Jan 17, 2024 at 3:36 PM, Stahl, Megan
<Megan.Stahl@oridenpower.com> wrote:

Hi Pat,

Happy New Year! We spoke in the fall of last year about Oriden's Dogwood Corners Solar Project and the challenges we are facing in Christian County. I also know that since our conversation you've spoken with Brad (copied on this email) and submitted a letter of support for our project. Thank you!

We are still working through a complaint we filed on the County's solar ordinance (that would effectively prohibit large scale solar in Christian County); however, in the meantime we are proceeding with Project development. As part of our application for a Certificate of Construction for a Merchant Electric Solar Generating Facility, the Kentucky siting board is holding a local public hearing in Hopkinsville.

I'd like to invite you to the hearing so that you can show your support for solar projects, associated benefits to the community, property rights, or whatever you think is important.

The local public hearing is scheduled for:

When: January 29, 2024, at 4:00 p.m. Central Standard Time

Where: Christian County Clerk's Office, 511 South Main Street Hopkinsville, Christian County, Kentucky 42240

Please let me know if you'd like to discuss the project or any other questions or concerns prior to the public hearing. I hope to see you there!

Megan



Megan Stahl

Manager, Development

106 Isabella Street, Suite 400

Pittsburgh, PA 15212

m: 689-666-8536 | e: Megan.Stahl@OridenPower.com

Stahl, Megan

From: [REDACTED]
Sent: Thursday, January 25, 2024 2:06 PM
To: Stahl, Megan
Subject: RE: Site base meeting

Thank you for this. Yes, the question was to give them cover for taking property owners rights away. Pleasantly surprised with the responses. You know what mine was. I notice that in the reporting before opening responses Gillum stated that 77% wanted FC to impose restrictions.

I will pass this along. Is the meeting being publicized? I have spoken to a few people but not overwhelming response.

Pat

[Sent from AT&T Yahoo Mail on Android](#)

On Thu, Jan 25, 2024 at 12:38 PM, Stahl, Megan
<Megan.Stahl@oridenpower.com> wrote:

Pat,

We dug into the survey today and here's a summary in case you'd like to use this information:

Of the 62 comments in the response 20 were positive toward solar development/property rights and 6 were neutral on the topic. Only 2 were specifically negative towards solar development.

Many comments referenced that the question was extremely vague or confusing. But here are a few example responses that I found to be in line with support for solar development:

- I feel this question is aimed at suppressing solar farms. Resistance to future innovations is expected, but it should not stop progress. Imagine where our country would be if government did not allow roads to be built when the car was invented? If we are worried about the electrical grid, why wouldn't we want solar farms to augment our grid? As far as nuisance... what standards exist in the county and who decides what is a nuisance?
- Not if this means more laws like your recent restrictions on solar panels which was way over the top and was only done primarily to satisfy a few large landowners.
- It should be up to the landowner how to use their own personal property.
- Property owners in the county should be able to do as they please on their own property as long as it is not putting anyone in physical danger.
- With respect to solar farms on adjacent property landowners/farmers should mind their own business.

Again, I really appreciate your support!

Megan

From: Stahl, Megan
Sent: Thursday, January 25, 2024 9:24 AM
To: [REDACTED]
Subject: RE: Site base meeting

That sounds great! Thanks Pat!

Have you seen the survey that was recently conducted in the County? I've attached a copy and am providing a link to the article below. If you have time, please read question #3 and the comments associated with that question. It provides very good support for your presentation. Based on this survey it's clear that people want to maintain their property rights. Several people even referenced that solar is not a nuisance and people who want to lease or sell their land for solar should be allowed to do it. You might consider referencing this survey in your presentation to show that there is support for your comments from others in the community that might be afraid to stand up and speak publicly.

<https://www.wkdzradio.com/2024/01/18/christian-county-officials-breakdown-overwhelming-response-from-community-survey/news-edge/>

Thanks again for your help!

From: [REDACTED]
Sent: Wednesday, January 24, 2024 5:46 PM
To: Stahl, Megan <Megan.Stahl@oridenpower.com>
Subject: Site base meeting

Hi Megan

I plan on being at the meeting Monday January 29. I have written about a 5 minute presentation mostly expressing property owners rights and agrivoltaics.

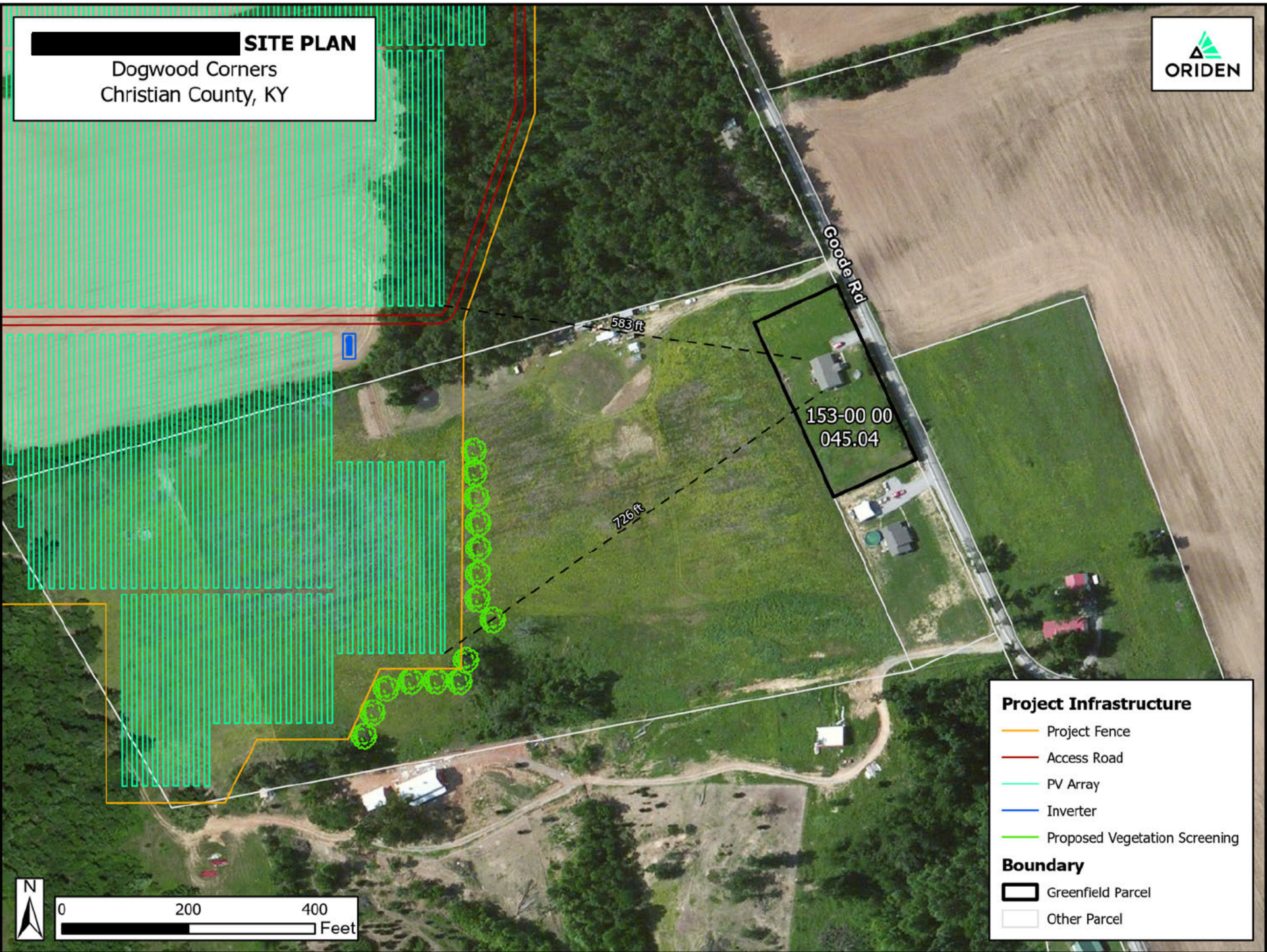
Keep me informed.

Thank you, Pat

[Sent from AT&T Yahoo Mail on Android](#)



SITE PLAN
Dogwood Corners
Christian County, KY



Project Infrastructure

- Project Fence
- Access Road
- PV Array
- Inverter
- Proposed Vegetation Screening

Boundary

- Greenfield Parcel
- Other Parcel



Case No. 2023-00246
Dogwood Corners, LLC
Responses to Siting Board's Post-Hearing Request for Information

SITING BOARD POST HEARING DR 1-2:

Provide the results from the Kentucky Biological Assessment Tool run that was conducted by the Office of Nature Reserves.

Response: The results from the Kentucky Biological Assessment Tool are provided with this response. Please note that the Tool was previously utilized to assess potential Project impacts and results from the previous report were discussed at the Evidentiary Hearing on February 7, 2024. For completeness, Dogwood Corners utilized the Tool again on February 14, 2024 and we are providing updated results to ensure the Siting Board has the most accurate and updated information.

Witness: Megan Stahl



Andy Beshear
Governor

Energy and Environment Cabinet

Office of Kentucky Nature Preserves

300 Sower Boulevard
Frankfort, Kentucky 40601
Telephone: 502-782-7828
EEC.KYBAT@ky.gov

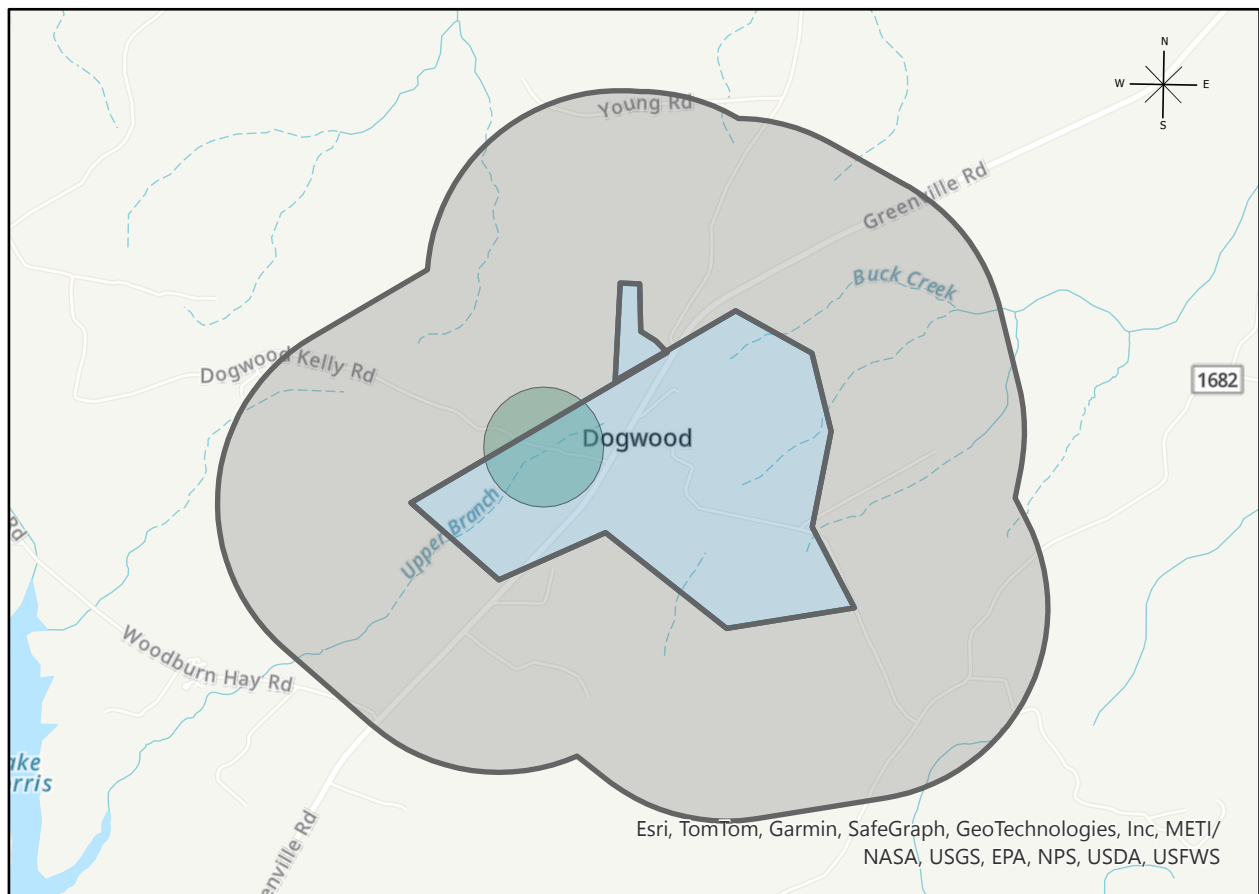
Rebecca W. Goodman
Secretary

Sunni Carr
Executive Director

Requested on Wednesday, February 14, 2024 by Angie Morrow, SWCA

Re: Kentucky Biological Assessment Data Request 240214A01
Oriden - Dogwood Solar
Energy Storage - Solar, 1 mile buffer.
CHRISTIAN County, Kentucky

This letter is in response to your data request for the project referenced above. We have reviewed our Natural Heritage Program Database to determine if any of the endangered, threatened, or special concern plants, animals, features or exemplary natural communities monitored by the Office of Kentucky Nature Preserves are noted within your submitted project area.





Andy Beshear
Governor

Energy and Environment Cabinet

Office of Kentucky Nature Preserves

300 Sower Boulevard
Frankfort, Kentucky 40601
Telephone: 502-782-7828
EEC.KYBAT@ky.gov

Rebecca W. Goodman
Secretary

Sunni Carr
Executive Director

This report includes the following items:

- A - A report for occurrences which intersect the project area
- B - A report for occurrences which intersect the buffer around the project area
- C - A list of best management practices relevant to occurrences near to or within the project area
- D - A list of best management practices relevant to the chosen project type

Thank you for using Office of Kentucky Nature Preserves' Biological Assessment Tool.

We would like to take this opportunity to remind you of the [terms](#) of the data request license, which you agreed upon in order to submit your request. The license agreement states "Data and data products received from the Office of Kentucky Nature Preserves, including any portion thereof, may not be reproduced in any form or by any means without the express written authorization of the Office of Kentucky Nature Preserves." The exact location of plants, animals, and natural communities, if released by the Office of Kentucky Nature Preserves, may not be released in any document or correspondence. These products are provided on a temporary basis for the express project (described above) of the requester, and may not be redistributed, resold or copied without the written permission of the Office of Kentucky Nature Preserves Biological Assessment Branch (300 Sower Blvd - 4th Floor, Frankfort, KY, 40601. Phone: 502-782-7828).

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed and new plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the occurrences being considered, nor should they be substituted for on-site surveys required for environmental assessments. We would greatly appreciate receiving any pertinent information obtained as a result of on-site surveys.

If you have any questions, or if we can be of further assistance, please do not hesitate to contact our office by email at EEC.KYBAT@ky.gov or by phone at 502-782-7828.

Sincerely,

Alexis R. Schoenlaub
Geoprocessing Specialist
Office of Kentucky Nature Preserves

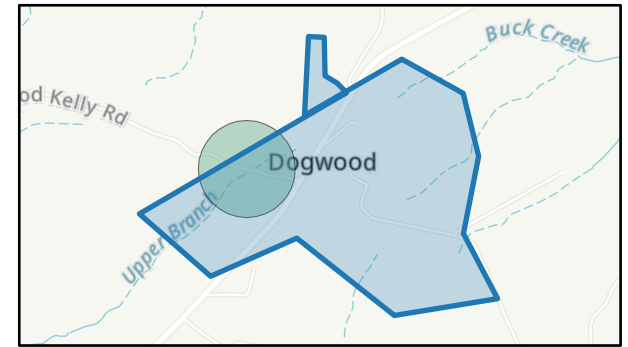
A.1. Project Area - Occurrence Report

The following table outlines occurrences found within your project footprint (if any). You can find more information about global and state rank status definitions on our [Standard Occurrence Report Key](#). Please note that certain sensitive occurrences found within the buffer area may be listed in this table but are not represented on the map. Please contact the appropriate source as outlined in the “Directions” column should you have further questions related to sensitive occurrences found within the project area.



Map Credits: Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

- Botanical
- Ecological
- Zoological



| EO ID | Scientific Name | Common Name | G Rank | S Rank | Fed. Status | State Status | SWAP | Precision | Last Obs. Date |
|-------|-------------------------------|-------------------|--------|-----------|-------------|--------------|------|-----------|----------------|
| 24812 | <i>Glandularia canadensis</i> | Rose Mock-verbain | G5 | S1 | None | E | Y | M | 1994-05-03 |
| 10576 | <i>Hieracium longipilum</i> | Hairy Hawkweed | G4G5 | S2 | None | T | | C | 1993-pre |
| 15843 | <i>Lanius ludovicianus</i> | Loggerhead Shrike | G4 | S3S4B,S4N | None | S | Y | Q | 1989-06-22 |
| 5757 | <i>Silene regia</i> | Royal Catchfly | G3 | S1 | None | E | Y | C | No Date |

A.2. Project Area – Occurrence Habitat and Location

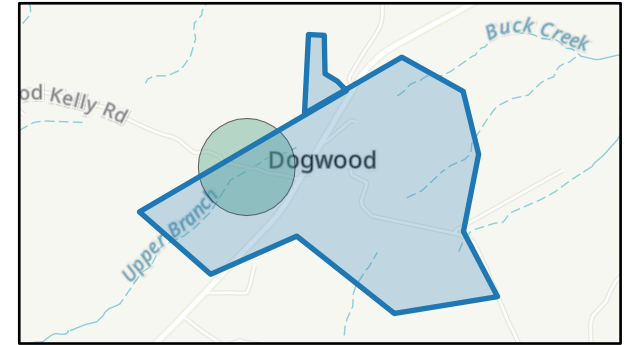
The following table provides supplemental occurrence information found within your project footprint (if any). You can find more information about global and state rank status definitions on our [Standard Occurrence Report Key](#). Please note that certain sensitive occurrences found within the buffer area may be listed in this table but are not represented on the map. Please contact the appropriate source as outlined in the “Directions” column should you have further questions related to sensitive occurrences found within the



ENERGY AND ENVIRONMENT CABINET
OFFICE OF ADVISORY NATURE PRESERVES

Map Credits: Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

- Botanical
- Ecological
- Zoological



| EOID | Scientific Name | Habitat | Location |
|-------|-------------------------------|---|--|
| 15843 | <i>Lanius ludovicianus</i> | | CW block of quad |
| 5757 | <i>Silene regia</i> | Dry woods, barrens and prairies, and on KY roadsides. | Sensitive Element - Contact OKNP at EEC.KYBAT@ky.gov |
| 10576 | <i>Hieracium longipilum</i> | Dry prairies, open woods and fields, particularly on sandy soil (Gleason & Cronquist 1991). | Christian County on Western Highland Rim |
| 24812 | <i>Glandularia canadensis</i> | Sandy or rocky prairies and barrens, roadsides, etc. (Fernald 1970); gullies, disturbed soils, edges of bluffs. | Roadside along Dogwood-Kelly Road just west of Dogwood off o |

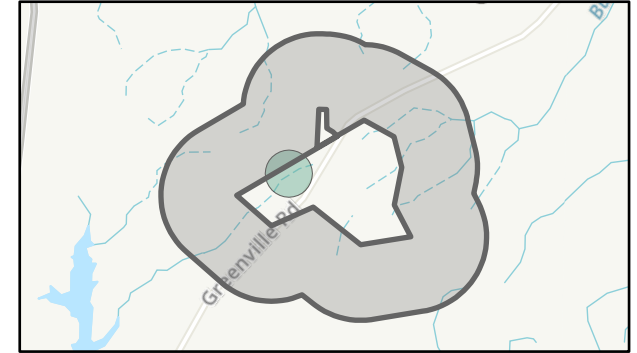
B. Buffer Area - Occurrence Report

The following table outlines occurrences found within your buffered project footprint (if any). You can find more information about global and state rank status definitions on our [Standard Occurrence Report Key](#). Please note that certain sensitive occurrences found within the buffer area may be listed in this table but are not represented on the map. Please contact the appropriate source as outlined in the "Directions" column should you have further questions related to sensitive occurrences found within the project area.



Map Credits: Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

- Botanical
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| EO ID | Scientific Name | Common Name | G Rank | S Rank | Fed. Status | State Status | SWAP | Precision | Last Obs. Date |
|-------|-------------------------------|-------------------|--------|------------|-------------|--------------|------|-----------|----------------|
| 24812 | <i>Glandularia canadensis</i> | Rose Mock-verbain | G5 | S1 | None | E | Y | M | 1994-05-03 |
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| 15843 | <i>Lanius ludovicianus</i> | Loggerhead Shrike | G4 | S3S4B, S4N | None | S | Y | Q | 1989-06-22 |
| 5757 | <i>Silene regia</i> | Royal Catchfly | G3 | S1 | None | E | Y | C | No Date |

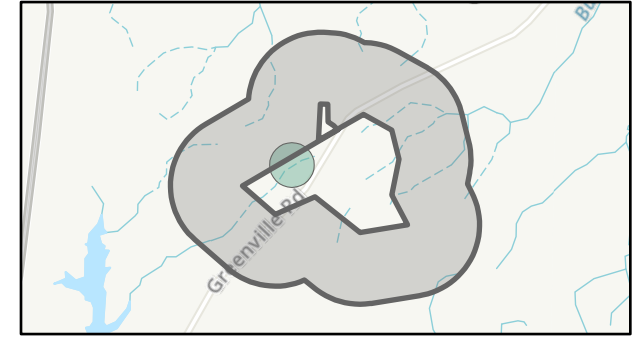
C. Occurrence References and Recommendations (1 of 2)

OKNP references the following references and recommendations regarding this project's potential impacts to natural resources within or surrounding the project area. Please contact the applicable office should you have further questions with regard to these references and recommendations related to the project area.



Map Credits: Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

- Botanical
- Ecological
- Zoological



Per the U.S. Fish and Wildlife Service's recommendations: Birds covered under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) should be considered during project reviews. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish & Wildlife Service (50 C.F.R. § 10.12 and 16 U.S.C. § 668(a)). For more information regarding these acts go to: <http://www.fws.gov/migratorybirds/RegulationsandPolicies.html>.

The MBTA currently has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within a NEPA document (if there is a federal nexus), a Bird- or Eagle-specific Conservation Plan, or both. Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds to the project-related stressors; proponents should also implement a rigorous plan to monitor the effectiveness of conservation measure. For more information on avian stressors and recommended conservation measures go to: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/BirdHazards.html>.

In addition to MBTA and BGEPA, Executive Order 13186: Responsibilities of Federal Agencies to Protect Migratory Birds, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <http://www.fws.gov/migratorybirds/AboutUS.html>.

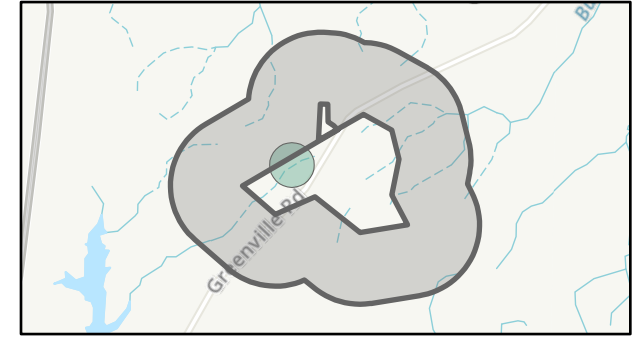
C. Occurrence References and Recommendations (2 of 2)

OKNP references the following references and recommendations regarding this project's potential impacts to natural resources within or surrounding the project area. Please contact the applicable office should you have further questions with regard to these references and recommendations related to the project area.



Map Credits: Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

- Botanical
- Ecological
- Zoological



Per the U.S. Fish and Wildlife Service's recommendations: In-channel activities in the rivers near this project may potentially directly or indirectly affect one or more species of mussels. Even projects that do not involve in-channel activities still have the potential to impact listed mussel species and their habitats. Development activities that disturb uplands in watersheds containing listed mussel species can degrade streams and rivers by increasing siltation/sedimentation, introducing pollutants, and/or altering riparian areas. If the proposed project would directly or indirectly impact streams in the range of the Cumberland elktoe, the U.S. Fish and Wildlife Service's Kentucky Field Office (KFO) can assist in determining the likelihood of species' occurrence in the project area and recommend habitat assessments and/or species surveys.

When practicable, we recommend siting projects to avoid impacting streams and rivers that contain listed mussel species and utilizing methods, such as horizontal directional drilling and clear span bridges, to avoid direct impacts to listed mussel species and their habitats. The following are some general recommendations to minimize indirect impacts to streams and rivers and reduce effects to federally-listed mussels:

- Utilize Best Management Practices to minimize erosion from work areas;
- Limit vegetation removal to minimize impacts to riparian areas;
- Revegetate disturbed areas with native vegetation;
- Use bioengineering techniques to restore disturbance to stream banks;
- Install upland sediment basins, where appropriate, to minimize sediment input into streams and rivers;
- Install detention structures to manage stormwater runoff into streams and river; and
- Minimize the addition of impervious surfaces in the watershed.




When submitting project information to the KFO for review, please include information about streams and rivers in the action area of the proposed project. Describe any proposed activities that would occur in the channel or on the banks and include descriptions of measures proposed to reduce impacts to stream and river habitat.

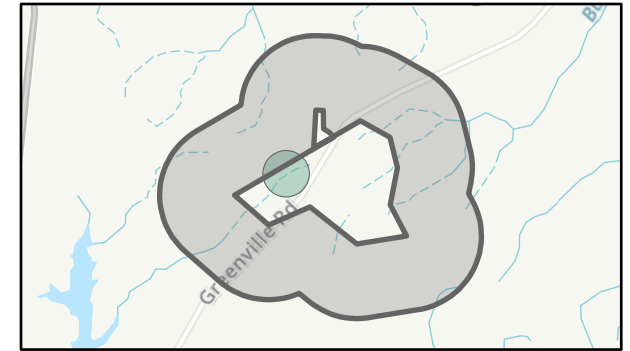
D. Project References and Recommendations (1 of 1)

OKNP references the following references and recommendations regarding this project's potential impacts to natural resources within or surrounding the project area. Please contact the applicable office should you have further questions with regard to these references and recommendations related to the project area.



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- Botanical 
- Ecological 
- Zoological 





Thank you for using the Office of Kentucky Nature Preserves
Biological Assessment Tool.

OKNP's species dataset relies on continuous monitoring and surveying for species of concern throughout the state. Any records of species of concern found within this project area would greatly benefit the quality and comprehensiveness of the statewide dataset for rare, threatened and endangered species. If you would like to contribute any additional species information, please do not hesitate to contact our office by email at EEC.KYBAT@ky.gov or by phone at 502-782-7828.

Case No. 2023-00246
Dogwood Corners, LLC
Responses to Siting Board's Post-Hearing Request for Information

SITING BOARD POST HEARING DR 1-3:

Provide the IPAC review that was conducted.

Response: The results from the U.S. Fish and Wildlife Service Information for Planning and Consultation Tool are provided with this response. Please note that the Tool was previously utilized to assess potential Project impacts and results from the previous report were discussed at the Evidentiary Hearing on February 7, 2024. For completeness, Dogwood Corners utilized the Tool again on February 14, 2024 and we are providing updated results to ensure the Siting Board has the most accurate and updated information.

Witness: Megan Stahl



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Kentucky Ecological Services Field Office
J C Watts Federal Building, Room 265
330 West Broadway
Frankfort, KY 40601-8670

Phone: (502) 695-0467 Fax: (502) 695-1024

Email Address: kentuckyes@fws.gov

<https://www.fws.gov/office/kentucky-ecological-services>

In Reply Refer To:
Project Code: 2024-0048959
Project Name: Dogwood Solar

February 13, 2024

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do..>

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of

this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Kentucky Ecological Services Field Office

J C Watts Federal Building, Room 265

330 West Broadway

Frankfort, KY 40601-8670

(502) 695-0467

PROJECT SUMMARY

Project Code: 2024-0048959

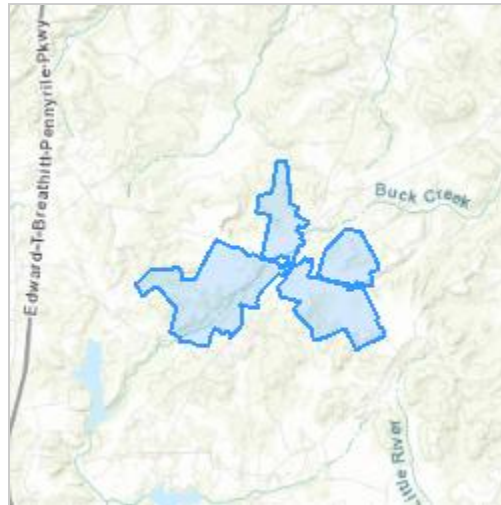
Project Name: Dogwood Solar

Project Type: Power Gen - Solar

Project Description: Proposed Dogwood solar energy facility within approximately 800 acres of land (Project Area) near Hopkinsville, Christian County, Kentucky.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@36.9508026,-87.3983300249111,14z>



Counties: Christian County, Kentucky

ENDANGERED SPECIES ACT SPECIES

There is a total of 12 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 8 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

| NAME | STATUS |
|--|------------|
| <p>Gray Bat <i>Myotis grisescens</i></p> <p>No critical habitat has been designated for this species. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ The project area includes potential gray bat habitat. <p>Species profile: https://ecos.fws.gov/ecp/species/6329 General project design guidelines: https://ipac.ecosphere.fws.gov/project/Y2LURD2FA5AY7PWFBVG7SMVDAU/documents/generated/6422.pdf</p> | Endangered |
| <p>Indiana Bat <i>Myotis sodalis</i></p> <p>There is final critical habitat for this species. Your location does not overlap the critical habitat. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ The project area includes 'potential' habitat. All activities in this location should consider possible effects to this species. <p>Species profile: https://ecos.fws.gov/ecp/species/5949 General project design guidelines: https://ipac.ecosphere.fws.gov/project/Y2LURD2FA5AY7PWFBVG7SMVDAU/documents/generated/6422.pdf</p> | Endangered |
| <p>Northern Long-eared Bat <i>Myotis septentrionalis</i></p> <p>No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045 General project design guidelines: https://ipac.ecosphere.fws.gov/project/Y2LURD2FA5AY7PWFBVG7SMVDAU/documents/generated/6422.pdf</p> | Endangered |

BIRDS

| NAME | STATUS |
|--|--|
| <p>Whooping Crane <i>Grus americana</i> Population: U.S.A. (AL, AR, CO, FL, GA, ID, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, NM, OH, SC, TN, UT, VA, WI, WV, western half of WY) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/758</p> | Experimental Population, Non- Essential |

CLAMS

| NAME | STATUS |
|--|------------|
| <p>Clubshell <i>Pleurobema clava</i></p> <p>Population: Wherever found; Except where listed as Experimental Populations</p> <p>No critical habitat has been designated for this species.</p> <p>This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ The species may potentially occur in suitable habitat within the following rivers: Little, Pond, Rough, and Tradewater; and their larger tributaries. <p>Species profile: https://ecos.fws.gov/ecp/species/3789</p> <p>General project design guidelines: https://ipac.ecosphere.fws.gov/project/Y2LURD2FA5AY7PWFBVG7SMVDAU/documents/generated/5639.pdf</p> | Endangered |
| <p>Fanshell <i>Cyprogenia stegaria</i></p> <p>No critical habitat has been designated for this species.</p> <p>This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ The species may potentially occur in suitable habitat within the following rivers: Little, Pond, Rough, and Tradewater; and their larger tributaries. <p>Species profile: https://ecos.fws.gov/ecp/species/4822</p> <p>General project design guidelines: https://ipac.ecosphere.fws.gov/project/Y2LURD2FA5AY7PWFBVG7SMVDAU/documents/generated/5639.pdf</p> | Endangered |
| <p>Northern Riffleshell <i>Epioblasma rangiana</i></p> <p>No critical habitat has been designated for this species.</p> <p>This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ The species may potentially occur in suitable habitat within the following rivers: Little, Pond, Rough, and Tradewater; and their larger tributaries. <p>Species profile: https://ecos.fws.gov/ecp/species/527</p> <p>General project design guidelines: https://ipac.ecosphere.fws.gov/project/Y2LURD2FA5AY7PWFBVG7SMVDAU/documents/generated/5639.pdf</p> | Endangered |
| <p>Pink Mucket (pearlymussel) <i>Lampsilis abrupta</i></p> <p>No critical habitat has been designated for this species.</p> <p>Species profile: https://ecos.fws.gov/ecp/species/7829</p> <p>General project design guidelines: https://ipac.ecosphere.fws.gov/project/Y2LURD2FA5AY7PWFBVG7SMVDAU/documents/generated/5639.pdf</p> | Endangered |
| <p>Rabbitsfoot <i>Quadrula cylindrica cylindrica</i></p> <p>There is final critical habitat for this species. Your location does not overlap the critical habitat.</p> <p>This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ The species may potentially occur in suitable habitat within the following rivers: Little, Pond, Rough, and Tradewater; and their larger tributaries. <p>Species profile: https://ecos.fws.gov/ecp/species/5165</p> <p>General project design guidelines: https://ipac.ecosphere.fws.gov/project/Y2LURD2FA5AY7PWFBVG7SMVDAU/documents/generated/5639.pdf</p> | Threatened |
| <p>Ring Pink (mussel) <i>Obovaria retusa</i></p> <p>No critical habitat has been designated for this species.</p> | Endangered |

| NAME | STATUS |
|------|--------|
|------|--------|

This species only needs to be considered under the following conditions:

- The species may potentially occur in suitable habitat within the following rivers: Little, Pond, Rough, and Tradewater; and their larger tributaries.

Species profile: <https://ecos.fws.gov/ecp/species/4128>
 General project design guidelines: <https://ipac.ecosphere.fws.gov/project/Y2LURD2FA5AY7PWFBVG7SMVDAU/documents/generated/5639.pdf>

| | |
|--|--------------------------|
| <p>Rough Pigtoe <i>Pleurobema plenum</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ The species may potentially occur in suitable habitat within the following rivers: Little, Pond, Rough, and Tradewater; and their larger tributaries. <p>Species profile: https://ecos.fws.gov/ecp/species/6894 General project design guidelines: https://ipac.ecosphere.fws.gov/project/Y2LURD2FA5AY7PWFBVG7SMVDAU/documents/generated/5639.pdf</p> | <p>Endangered</p> |
|--|--------------------------|

INSECTS

| NAME | STATUS |
|------|--------|
|------|--------|

| | |
|--|-------------------------|
| <p>Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743</p> | <p>Candidate</p> |
|--|-------------------------|

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Lori Stone
Address: 1005 WASHBURN PL W
City: SAGINAW
State: MI
Zip: 48602
Email: lori.stone@swca.com
Phone: 9897149856

Case No. 2023-00246
Dogwood Corners, LLC
Responses to Siting Board's Post-Hearing Request for Information

SITING BOARD POST HEARING DR 1-4:

Provide each assignment of lease for each individual parcel in this matter from Oriden to Dogwood Corners.

Response: The assignments were submitted on February 16, 2024, as a supplemental response to Item 1 of the Staff's First Request for Information.

Witness: Megan Stahl

Case No. 2023-00246
Dogwood Corners, LLC
Responses to Siting Board's Post-Hearing Request for Information

SITING BOARD POST HEARING DR 1-5:

Provide the length and voltage for the connector line connecting parts of the project.

Response: The collection on site will run at 34.5kV. The total collection length is approximately 60,000 feet.

Witness: Megan Stahl

Case No. 2023-00246
Dogwood Corners, LLC
Responses to Siting Board's Post-Hearing Request for Information

SITING BOARD POST HEARING DR 1-6:

Provide a detailed description of how the new substation will connect to the TVA transmission line, including but not limited to the voltage of any utilized lines.

Response: The Dogwood Corners Project will connect to TVA's Lost City – Hopkinsville 161 kV line via a new 161 kV switching station configured in a double breaker double bus layout.

Within 200 feet from the switching station, the power from the generating facility will be stepped up from 34.5 kV to 161 kV by the Project's GSU main power transformer located at the Project's substation.

Witness: Megan Stahl

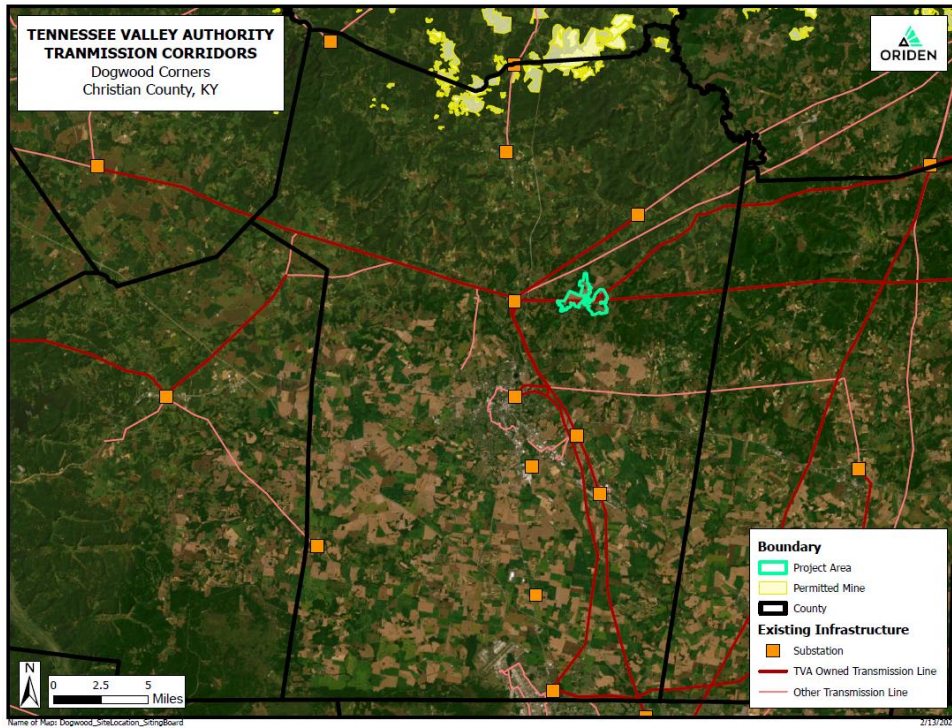
Case No. 2023-00246
Dogwood Corners, LLC
Responses to Siting Board's Post-Hearing Request for Information

SITING BOARD POST HEARING DR 1-7:

Provide a comparison of the cost of this project, including land acquisition, versus alternatives considered including but not limited locating the project in the area of the abandoned mine.

Response: Dogwood Corners evaluated abandoned strip mine locations in Christian County. These areas are indicated (in yellow) on the map shown below in relation to the proposed Project location (teal) and existing TVA Owned Transmission Lines (red). As discussed during the Evidentiary Hearing on February 7, 2024, Oriden considers several key factors when siting projects, including (but not limited to) minimization of environmental and landowner impacts and proximity to existing transmission infrastructure with capacity to accommodate a project. The abandoned strip mine locations are approximately ten miles from existing TVA owned transmission infrastructure. Siting a solar project within the abandoned strip mine locations would require construction of a high voltage transmission line connecting the solar project location to the existing TVA owned transmission infrastructure. The length of the high voltage transmission line would likely be much longer than ten miles as it would be routed to avoid and minimize environmental impacts and landowner concerns. However, even with attempts to minimize impacts, construction of a high voltage transmission line longer than ten miles would increase the environmental impacts, landowner impacts, and cost of the project compared to selecting a site adjacent to existing TVA owned transmission infrastructure. Oriden prioritizes minimization of environmental and landowner impacts and, generally, construction of a high voltage transmission line of this length would be cost prohibitive. Therefore, due to projected increases in environmental and landowner impacts and cost the abandoned strip mine locations were eliminated from consideration and a cost comparison was not completed.

Case No. 2023-00246
Dogwood Corners, LLC
Responses to Siting Board's Post-Hearing Request for Information



Witness: Megan Stahl

Case No. 2023-00246
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SITING BOARD POST HEARING DR 1-8:

Provide how many times Richard Kirkland have completed a Property Impact Report for Oriden.

Response: Richard Kirkland worked on property impact analyses for three total projects for Oriden since 2021 and none prior to 2021. One project is located in Kentucky (Dogwood Corners), and two are located in Virginia.

Witness: Richard Kirkland