

Dodson Creek Solar, LLC

Total Approximate Meeting Attendees (WebEx and Phone) - 20¹

Topic Category	Question	Answer
Air Temperature	Is there a temperature rise in the area from the solar arrays?	Some studies have shown that solar projects can produce what is known as the “photovoltaic heat island effect” (or PVHI) caused by a change in the local energy balance. However, the PVHI generally only occurs when solar panels are covering ground that is lighter in color than the panels are (such as light-colored sand in a desert). Solar projects with panels located on land that is comprised of dark soil and/or vegetation do not have the potential for PVHI.
Construction	What does construction sound like?	<p>Depending on the phase of construction you’re in, there’s going to be less or more noise. Early on in the project, there’s not many people. We have larger equipment — tractors, skid steers, those of sorts of things — heavy machinery that’s doing a lot of the site preparation, but they’re not producing much noticeable noise. The next phase, when we start working on foundations, we’ll be driving piles, and that pile-driving machine produces a noticeable amount of noise with the hammer blows. This phase encompasses a short duration of the overall project schedule, but it happens in phases and locations throughout the site as well.</p> <p>You may hear more noise one day and then as the week goes on, that noise is going to go away because that portion of the project is done. Then we move into more deliveries and installation of the solar panels, and there’s not a significant level of noise with those activities.</p>
Greenhouse Gas Calculations	What numbers did you use for mpg and miles per day in the cars calculation?	<p>These estimates were generated using the Environmental Protection Agency’s Greenhouse Gas Equivalencies Calculator (https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator).</p> <p>Per that tool, “passenger vehicles are defined as 2-axle 4-tire vehicles, including passenger cars, vans, pickup trucks, and sport/utility vehicles. In 2018, the weighted average combined fuel economy of cars and light trucks was 22.5 miles per gallon (FHWA 2020). The average vehicle miles traveled (VMT) in 2018 was 11,556 miles per year (FHWA 2020).”</p> <p>FHWA (2020). Highway Statistics 2018. Office of Highway Policy Information, Federal Highway Administration. Table VM-1. (1 pp, 193 KB About PDF)</p>
Interconnection	What is the PJM queue number for this Project?	The PJM Generation Interconnection Request Queue Position is AC2-061.
Interconnection	Where is the point of interconnection going to be located?	The proposed substation location is north of Route 50, to the east of that tributary that bisects that parcel adjacent to Route 50. It’s located adjacent to the interconnection line, the 138 kV line, to the south. The point of interconnection would be at that same location with the substation. Please go to the website, click on the interactive map, and zoom in to that location.
Jobs	How many construction jobs will this project create?	The Dodson Creek Solar Socioeconomic Report estimates the generation of 197 on-site construction and project development personnel.
Policy	If this is good for our families/communities would you support SB52 and HB 118?	Solar energy is valuable for Ohio’s residents and economy. Senate Bill 52 could prevent Ohio from being able to reap the full benefits of this new wave of energy – and ultimately, send these economic drivers into other states, causing Ohio to lose the potential for new in-state jobs, new tax revenue and more. Should Senate Bill 52 pass, Ohio stands to lose: jobs, tax revenue, and farms, as well as money flowing to local communities, small businesses, and economies.
Process	When will our written questions be answered? Is it best to call you directly?	Dodson Creek Solar addressed the questions during the Public Information Meeting; however, we are happy to talk one-on-one throughout the life of the Project. Please reach out to us at dodson@nationalgridrenewables.com or call us at 937-739-0120.

1. Does not include potential attendees who viewed from live stream video only

Dodson Creek Solar, LLC

Total Approximate Meeting Attendees (WebEx and Phone) - 20¹

Topic Category	Question	Answer
Production	What would be the expected fraction of Nameplate power to be Generated on a cloudy day near the end of June or Early July?	Solar panels can produce energy even on a cloudy day. Therefore, we would still expect the facility to generate the full nameplate capacity.
Project Components	Where is the substation going to be located?	The proposed substation location is north of Route 50, to the east of that tributary that bisects that parcel adjacent to Route 50. It's located adjacent to the interconnection line, the 138 kV line, to the south. The point of interconnection would be at that same location with the substation. Please go to the website, click on the interactive map, and zoom in to that location.
Property Value	Very concerned about my property value, decreasing dramatically. Land owners sold & lease off their land for big money and I by no choice of my own end up losing on the value of my home and property, after living here 20+ years.	Numerous studies have demonstrated that properties adjacent to solar projects do not see negative property-value impacts, nor does having a solar project as a neighbor negatively impact the ability to sell agricultural or residential properties (SEIA 2019). A paired-sales study of the sale of properties adjacent to nine solar farms in Minnesota, Illinois, and Indiana, for example, found "little to no measurable and consistent difference in value" between sales of properties adjacent to solar farms and control properties. This finding led the authors to conclude that "properties surrounding other solar farms operating in compliance with all regulatory standards will similarly not be adversely affected, in either the short or long term periods" (McGarr & Lines 2018).
Property Value	Will you share these studies on your website?	<p><u>Please see the following studies for reference</u></p> <p>Solar Energy Industries Association, Correcting the myth that solar harms property value, https://www.seia.org/sites/default/files/2019-09/Solar%20Property%20Value%20FactSheet%202019-PRINT_1.pdf (2019).</p> <p>McGarr, P.L. & Lines, A.R., Adjacent property values solar impact study: A study of nine existing solar farms, CohnReznick, https://www.mcleancountyil.gov/DocumentCenter/View/13192/Patricia-L-McGarr--Property-Value-Impact-Study?bidId= (2018).</p> <p><u>Additionally, the following testimony provided in other National Grid Renewables Ohio Power Siting Board cases may also be helpful</u></p> <p>Yellowbud Solar, Case No. 20-972-EL-BGN, direct testimony of Andrew Lines, http://dis.puc.state.oh.us/DocumentRecord.aspx?DocID=fd4c1846-9eec-4026-9d67-b585bc9b740d</p> <p>Ross County Solar, Case No. 20-1380-EL-BGN, direct testimony of Andrew Lines, http://dis.puc.state.oh.us/DocumentRecord.aspx?DocID=7c9935e6-9368-4d38-8894-0c8ce07a70a3</p>
Property Value	Who is leading these studies [property value]? Other solar panel companies?	Solar development companies and trade associations are often the ones contracting these property value assessments with third party appraisers.

1. Does not include potential attendees who viewed from live stream video only

Dodson Creek Solar, LLC

Total Approximate Meeting Attendees (WebEx and Phone) - 20¹

Topic Category	Question	Answer
Property Value	How will we be compensated for the value of our property decreasing due to being surrounded by solar panels?	<p>Solar energy projects are safe, quiet neighbors that provide real benefits to the surrounding community. As discussed above, adjacent property owners should not see a decrease in property value. Tax revenue from solar facilities can have positive effects to community school districts.</p> <p>In addition, Dodson Creek Solar is developing a Landscape Mitigation Plan and appreciates landowner feedback on the plan. By implementing a Landscape Mitigation Plan, and maximizing setbacks to the extent feasible with a design goal of 300 feet from non-participating residences to the solar arrays, along with the low profile of the structures and easy integration with the landscape, Dodson Creek Solar expects that the project will go unnoticed by fellow community members in most cases.</p>
Recycling	Where are solar panels recycled at?	<p>Recycling of solar panels and equipment is rapidly evolving and can be handled through a combination of sources such as certain manufacturers, PV Cycle (an international waste program founded by and for the PV industry), or waste management companies. More than 90 percent of the semiconductor material and glass can be reused in new modules and products. The Solar Energy Industries Association (SEIA) has an approved set of PV recycling vendors that specialize in doing this today and they can be found at: https://www.seia.org/initiatives/seia-national-pv-recycling-program. Additional information related to material disposal and recycling will be included in the project's Decommissioning Plan as part of the application to the Ohio Power Siting Board.</p>
Viewshed	Will buffering completely block the project from view from residences?	<p>The setbacks and proposed landscape mitigation will have a significant effect, but the ability to see some infrastructure would vary on a case-by-case basis, especially when you consider things like topography. The mitigation makes a significant difference, if not blocking it out, then blending it into the rural landscape.</p>
Viewshed	Do adjacent landowners have a say in the type of screening?	<p>Dodson Creek Solar wants to include feedback from adjacent landowners in landscape design. Please reach out to us at dodson@nationalgridrenewables.com or call us at 937-739-0120 to discuss further if you have not already been in contact with a team member directly.</p>
Wells	Are there concerns with solar arrays and well water?	<p>Depending on the property and if there's any existing contamination on that property, construction disturbance of any kind may spread existing contaminants. However, we would identify any recognized environmental conditions through our due diligence process that would indicate areas of concern, that would potentially affect well water following a disturbance. With Dodson Creek Solar, we have completed that due diligence, and there are no recognized environmental conditions on the site. Additionally, we can seal abandoned wells if they're not going to be used anymore for further protection of groundwater and removal of physical hazards.</p>
Wildlife	How will you allow wildlife to pass through? We have a lot of white tail deer in the area and I am afraid if they cannot pass through your project they will either leave or will be on the road more frequently.	<p>The entire 1,462 acre project area will not be fenced together. There will be subsections of the project within parcels fenced together, and connected to each other electrically underground. This should allow for movement of wildlife through the area along riparian corridors, and the perimeter fencing. In addition, Dodson Creek Solar is proposing the installation of a woven wire agricultural style fencing as opposed to chain link fencing with the exception of the substation perimeter.</p>

1. Does not include potential attendees who viewed from live stream video only