

COMMONWEALTH OF KENTUCKY
BEFORE THE ELECTRIC GENERATION
AND TRANSMISSION SITING BOARD

In the Matter of:

ELECTRONIC APPLICATION OF PIKE)
COUNTY SOLAR PROJECT, LLC FOR A)
CERTIFICATE OF CONSTRUCTION FOR AN)
UP TO 100 MEGAWATT MERCHANT)
ELECTRIC SOLAR GENERATING FACILITY)
IN PIKE COUNTY, KENTUCKY)

Case No. 2024-00105

PIKE COUNTY SOLAR PROJECT, LLC'S RESPONSES TO
BOARD STAFF'S SECOND SET OF DATA REQUESTS

1. Refer to the Application, Exhibit A, Project Site Map. Provide an updated site plan that shows the location of:
 - a. Parcel boundaries.
 - b. Perimeter fencing.
 - c. Access roads.
 - d. Access points.
 - e. Substation.
 - f. Battery energy storage system (BESS).

RESPONSE: See **Attachment A** hereto, which is an updated map providing items (a) through (e) above. No battery energy storage system is depicted because none is proposed with this Project. Please note parcel boundaries are depicted based upon available data and will be further refined in connection with the Project's forthcoming ALTA Survey. The Project will only be built on properties for which it has executed solar leases.

For clarification, **Attachment A** hereto is the same as Exhibit A to the Application, but was updated and attached Applicant's Responses to the First Data Requests as "Attachment_D_Map_Showing_Entrances." The publicly-available parcel boundaries were added to that Attachment D to create this new **Attachment A**.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka, all of Savion LLC

2. Refer to Applicant’s responses to Siting Board Staff’s First Request for Information (Staff’s First Request), Items 19–25. Explain the phrase “separate forthcoming permitting process for the transmission line” for each response.

RESPONSE: The transmission line was not included as part of this application as Applicant intends to seek either a Construction Certificate under KRS 278.714 or a Certificate of Public Convenience and Necessity (“CPCN”) under KRS 278.020(1)(e), as applicable, depending on the length and capacity of the line). The kilovolt capacity of the transmission line is expected to be 138kV, but the length is subject to further design and access considerations such that it is currently unknown whether the line will be under one mile in length (and therefore non-regulated) or whether it will be more than one mile (and therefore require a CPCN).

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka.

3. Refer to Applicant’s responses to Staff’s First Request, Items 19–25. Confirm the following for each of the responses:

- a. A separate permitting process for the project transmission line is not underway.

RESPONSE: Confirmed. That process has not yet been initiated.

- b. The applicant is in active negotiations with potential participating landowners regarding the transmission line.

RESPONSE: Confirmed. There are discussions in progress to obtain easement agreements for the transmission line. Two easements have been secured, and three are outstanding.

- c. The transmission line route will be determined by landowner interest and willingness to participate, with the shorter tie-in route requiring the participation of three landowners and the longer tie-in route requiring the participation of five landowners.

RESPONSE: Confirmed.

- d. Two landowner agreements are in currently place for both route options; and the remaining agreements are not expected to be finalized in the next few weeks.

RESPONSE: Confirmed.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

4. Confirm the following:

- a. After the permit and easements for the proposed project transmission line are obtained, the permits and easements will be transferred to Louisville Gas and Electric Company (LG&E) or Kentucky Utilities Company (KU). If confirmed, specify which utility will be the permit holder and lessee. If not confirmed, explain whether and when a transfer of interest will occur.

RESPONSE: Yes, Applicant anticipates that the permits and easements will be transferred to Kentucky Power Company.

- b. The utility will construct the transmission line. If not confirmed, explain why not.

RESPONSE: Confirmed.

- c. The utility will extend a transmission line to the project site and construct a switching station adjacent to the project substation. If not confirmed, explain who will connect the transmission line to and construct the switching station.

RESPONSE: Confirmed.

Response Provided by: Christina Martens, Jeannine Johnson, and Erich Miarka

5. Refer to Applicant's response to Staff's First Request, Item 3.

- a. Explain what construction activities are included in Pier Installation (5 months duration).

RESPONSE: Applicant notes that the term "Pier Installation" should be "Pile Installation." With that clarification, pile installation is expected to include the following steps for this Project:

- 1) pre-drilling of the holes for each pile;
- 2) pile driving with a pile driver, or setting each pile into the hole; and
- 3) backfilling with materials for each pile.

PIKE COUNTY CONSTRUCTION SCHEDULE				
PROJECT MILESTONE	START	FINISH	CONSTRUCTION EQUIPMENT	DURATION
NOTICE TO PROCEED	June 30	-	-	1 DAY
MOBILIZATION	June 30	-	-	1 DAY
CIVIL WORKS INCLUDING FENCING, ACCESS ROADS, AND EROSION CONTROL	June 30	January 30	EXCAVATORS, DOZERS, DUMP TRUCKS, BACKHOES	7 MONTHS
PIER-PILE INSTALLATION	August 1	January 30	PILE DRIVERS	5 MONTHS
RACKING AND MODULES	September 1	June 1	ATVS AND PICKUP TRUCKS	8 MONTHS
COMBINER TO INVERTER ELECTRICAL	September 1	May 1	BACKHOES AND SKID STEERS	7 MONTHS
SUBSTATION (ENERGIZE)	-	August 1	MOBILE CRANE	TBD (ESTIMATED 2 WEEKS)
COMMISSIONING	May 1	July 1	-	
MECHANICAL COMPLETION	-	July 1	-	
SUBSTANTIAL COMPLETION	-	August 1	-	
FINAL COMPLETION	-	September 1	-	

- b. Explain the difference between that timeframe and the anticipated 40-day timeline for pile driving indicated in Tab 12, Exhibit D (Acoustic Assessment).

RESPONSE: The 40-day timeline for pile driving noted in the Acoustic Assessment is a preliminary evaluation, which was later revised in accordance with the updated engineering and construction plans.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn of ERM

6. State whether any construction activities would occur on Sundays. If yes, state the specific hours of the day during which construction might take place.

RESPONSE: No. Applicant expects construction activities to occur six days a week, excluding Sunday.

Response provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

7. Refer to Applicant's response to Staff's First Request, Item 35, and Exhibit E, Traffic Impact Study. Provide the following data for Ford Mountain Road and Right Fork of Brushy Road:

a. Existing conditions.

RESPONSE: Ford Mountain Road and Right Fork of Brushy Road are paved and in good condition, according to visual information obtained during the site visit.

b. Existing traffic volumes.

RESPONSE: Existing traffic volume data is not available from the Kentucky Transportation Cabinet and could not be accessed for Ford Mountain and Right Fork of Brushy Road at this time. KYTC does not have information for these two roads, as they are not considered primary/secondary roads.

c. Weight limit ratings.

RESPONSE: 44,000 LBS Gross Maximum Weight for both roads.

d. Project construction trip generation.

RESPONSE: Applicant is still determining alternative routes, and a haul route study will be completed before finalization of access routes.

e. Projected traffic analysis during Project construction.

RESPONSE: Applicant is still determining alternative routes, and a haul route study will be completed before finalization of access routes.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

8. Provide the percentage of construction traffic that will utilize each of the four site entrances. Include separate figures for delivery traffic and commuting worker traffic, by entrance.

RESPONSE: Applicant expects to make traffic entrance determinations with more detail once the EPC has been selected, but the following are preliminary estimates of how construction and worker traffic would enter the site:

SITE ENTRANCE	DELIVERY TRAFFIC	WORKER TRAFFIC
Ford Mountain Road West Entrance	0%	0%
Ford Mountain Road Northeast Entrance	100%	97%
Ford Mountain Road Southeast Entrance	0%	0%
Brushy Road	0%	3%

A figure depicting the identified potential traffic entrances and estimated percentage of worker and delivery traffic included as **Attachment B** hereto.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

9. Provide the peak daily number of construction vehicles accessing the site, identified by vehicle type (i.e., worker vehicles, delivery trucks, cement trucks, water trucks (if utilized), and other).

RESPONSE: Applicant expects peak truck delivery will occur during module delivery. Applicant anticipates delivery of solar panels at approximately 10 pallets per truck and 41 modules per pallet, which equates to approximately 19 trucks per day for approximately a six-week period. During this time, additional deliveries may be made, resulting in peak truck delivery of approximately 20-30 trucks per day for that short period.

As the Board is aware, Applicant’s parent company, Savion LLC, also developed the Martin County Solar Project. Therefore, Applicant is able to provide some data collected from ongoing construction of Martin County Solar. There, at the peak of construction there were 200 to 300 people on site for a 4-5 month period. During that same period, the peak deliveries were about 20 trucks a day during a shorter 2-3 month range. The module deliveries were limited to 8 per day, extending the six-week timeframe estimated above. For the Martin County Solar Project, cement trucks were not used often. They were only used during substation construction, and loads usually spread out over several weeks.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

10. Provide the maximum expected load weights for each type of delivery truck, identified by type of truck, including cement trucks, water trucks, tractor trailers, or other types of general delivery trucks.

RESPONSE: The Project has not yet chosen an EPC contractor nor finalized the construction schedule and therefore does not have the specifics for the maximum expected load weights for each type of delivery truck. Based on the traffic and economics reports and our experiences at the Martin County Solar Project, Applicant estimates that only a few heavy duty/oversized truck deliveries will be needed throughout the entire construction period. Greater detail will be known closer to construction. The Main Power Transformer (MPT) is the heaviest piece of equipment to be delivered to the site. There will be a unique delivery plan for the MPT.

Additionally, for reference the following data was obtained relative to deliveries for the Martin County Solar Project:

Vehicle	Expected Load Weights
Cement Truck	20,000-30,000lb truck 60,000-70,000 max load weight
Water Truck	13,260lb-21,100lbs
Module Delivery Container	42,000 lbs
Main Power Transformer	237,094 lbs.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

11. Provide the actual construction traffic and delivery truck data (by type and by month) from the Applicant’s solar project in Martin County as indicated would be provided during the site visit.

RESPONSE: Below is the construction delivery schedule that occurred on the Martin County Project. Deliveries were accepted between 8am and 5pm Monday through Friday. Only 8 module delivery trucks per day were allotted. The actual module deliveries are provided in the table below per month.

Receiving Hours	First Arrival	Last Arrival	Lunch / Break
Monday	800	1700	12p-1p
Tuesday	800	1700	12p-1p
Wednesday	800	1700	12p-1p
Thursday	800	1700	12p-1p

Friday	800	1700	12p-1p
Saturday	CLOSED	CLOSED	CLOSED
Sunday	CLOSED	CLOSED	CLOSED

Delivery Capacity	53' Trailer	40' Container
Trucks/Hour	Every 45 minutes	
Trucks/Day	8	
Trucks/Week		

Completed Module Deliveries:		
	January	49
	February	161
	March	139
	April	72

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

12. State the total number of separate parcels of solar panels (i.e., groupings of solar panels within separate gated and fenced areas) across the project site. As part of the response, number the separate parcel areas on a map for reference.

RESPONSE: Applicant expect there to be 8 groupings of solar panels within separate gated and fenced areas. See **Attachment C** hereto, on which the separate parcel areas are mapped and numbered.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

13. Refer to Applicant’s response to Staff’s First Request, Item 41. Provide an updated response that reflects the change in the transformer delivery route as discussed during the site visit.

RESPONSE: Applicant is still determining alternative routes, and a haul route study will be completed before finalization of access routes.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

14. Explain whether any traffic stoppages along Brushy Road, Ford Mountain Road, Right Fork of Brushy Road, and Meta Highway will be necessary to accommodate large truck deliveries to the project site. If yes, provide the expected locations, frequency and length of those stoppages.

RESPONSE: Traffic stoppages along the listed roads are not currently anticipated. Applicant is still determining alternative routes, and a haul route study will be completed before finalization of access roads. Any necessary traffic stoppages will be coordinated with the appropriate road authority(ies).

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

15. Refer to Applicant's response to the Staff's First Request, Item 39. Provide an updated estimate of the average number of commuter vehicles traveling to the site, or documentation to support the assumption that construction workers will carpool to the project site at the rate of three to four workers per vehicle each day.

RESPONSE: Approximately 100 passenger vehicles per day associated with traffic is expected during construction. Some carpooling may be expected but 100 passenger vehicles per day is estimated average for the site during the construction duration.

An EPC has not yet been chosen for this site and therefore workers have not yet been identified, but during ongoing construction for the Martin County Solar Project, Savion experienced that many workers house near or with one another and do carpool to the site. Martin County Solar Project had, at peak, 200 to 300 people on site, but did not have a parking issue in their one parking lot, showing that carpooling did happen.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

16. Refer to Applicant's response to the Staff's First Request, Item 39. Provide an updated estimate of the peak number of commuter vehicles traveling to the site, or documentation to support the assumption that construction workers will carpool to the project site at the rate of three to four workers per vehicle each day.

RESPONSE: See response to DR 15.

17. Refer to Applicant’s response to Staff’s First Request, Attachment C, Items 9–10. The table provided lists the distances between homes and project features only for residences within each identified neighborhood. Provide the same data for all other individual residential and non-residential structures within 2,000 feet of the project boundary line.

RESPONSE: See **Attachment D** hereto, which includes all structures within 2,000 feet to the updated figure calculations. All structures within 2,000 feet are also included on the map attached hereto as **Attachment E**.

Response Provided by: Justin Ahn

18. Provide a table with the expected cumulative noise level (inclusive of ambient noise) during pile driving for each residence or business within 1,500 feet of the project boundary.

RESPONSE: A table with expected noise levels from pile driving is included as **Attachment F**. All buildings identified within 1,500 feet of the project boundary were residential.

Response Provided by: Justin Ahn

19. Confirm that meteorological stations will be placed throughout the project site, as indicated during the site visit. If confirmed, provide the number and location(s) of the meteorological stations. If not confirmed, explain why not.

RESPONSE: Applicant plans to install approximately four stations across the site. The exact location will be determined once the design is finalized.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

20. Refer to Applicant’s response to Staff’s First Request, Item 58, and Attachment H.
- a. Highlight the 14 residences that would have a view of the project on the figure in Attachment H.

RESPONSE: See **Attachment A** hereto, which includes color codes for the 14 residences with a potential view of the Project components.

- b. Confirm that no other residences shown in the figure would have a view of any Project features. If not, confirmed explain why not.

RESPONSE: Confirmed.

Response Provided by: Justin Ahn

21. Refer to Applicant's response to Staff's First Request, Item 58. For the 14 residences that would have a view of project facilities, state what type(s) of infrastructure would be in view for each individual residence.

RESPONSE: Eight (8) residences have a potential view of the proposed array and six (6) have a potential view of the proposed fence, based on the viewshed analysis.

Response Provided by: Justin Ahn

22. Refer to Applicant's response to Staff's First Request, Item 58. For each residence that would have a view of project panels, state whether glare would be an issue for each residence.

RESPONSE: Glare is not expected to be an issue for those 14 residences.

Response Provided by: Justin Ahn

23. Based on discussion that occurred at the site visit, explain whether vegetative screening, berms, or another form of screening would be developed along any roadways or other areas to reduce glare or other visual impacts of the project. If yes, indicate the locations on a map where screening would be added, along with a description of the vegetation to be planted and a plan for vegetation management. If not, explain why not.

RESPONSE: Existing vegetation will be used as screening to the extent possible. Additional vegetation will be used if necessary along Ford Mountain Road to minimize impacts from glare if the existing grade and vegetation are not adequate. The vegetation is not mapped at this time, due to the existing grade difference between a majority of Ford Mountain Road and the proposed solar array.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

24. Explain whether any special equipment or construction methods would be necessary to drill into the rocky ground on the project site.

RESPONSE: Applicant may use some pre-drilling and/or backfilling with material (similar to what it used at the Martin County Solar Project) or other appropriate methods.

Response Provided by: Christina Martens, Jeannine Johnson, and Erich Miarka

25. Refer to Applicant's response to Staff's First Request, Item 78. Explain how the identified point of contact for complaints or concerns will be provided to local landowners.

RESPONSE: Applicant will include a sign on Project entrances and will provide pre-construction notices to local landowners that also provides information on how to reach the identified point of contact.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

26. Confirm that the reclamation permitting process to change the post-mine use of the land to industrial or commercial use and subsequent site reclamation activities will be completed within 6 to 8 months. If not confirmed, explain why not.

RESPONSE: Applicant plans on utilizing a conversion plan of the land use and the mining decommissioning is included with the 90 day timeframe. KSB noted that this method is favorable for former mines across the state.

- **Current Post Mining Land Use Reclamation Plan:** Before the site was mined, a post mining land use was submitted to the Commonwealth of Kentucky and approved. This plan includes re-constructing the original contours to the site, and re-planting the site with appropriate vegetation. This process can take from 12-18 months to complete.
- **Post Mining Land Use Amendment:** In partnership with the landowner and the surety company, Applicant intends to submit a new Post Mining Land Use Plan to the Commonwealth of Kentucky, which will request to change the post mining land use to Commercial & Industrial Use. This change will allow for a solar project to be built as a post mining land use. Any changes to the plan are required to be approved by the state. This process could take as little as 90 days to complete.
- **Project decommissioning plan:** Decommissioning of a solar project and its equipment after its operational life is anticipated to take up to 18 months. KRS 278.706(2)(m) requires that decommissioning activities be completed within 18 months of the Project ceasing to produce electricity for sale, unless the deadline has been extended by the Secretary of the Kentucky Energy and Environment Cabinet ("EEC"). Monitoring and

site restoration may extend beyond this period to ensure successful revegetation and rehabilitation.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

27. Confirm that solar facility construction work can occur in certain areas of the project site while reclamation is being completed in other areas.

RESPONSE: The reclamation work on the Project Site will be complete prior to the start of construction of the Project. However, construction of the Project may begin prior to the change of the post mining land use to Commercial & Industrial Use and/or before the bonds will be released.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

28. Refer to Applicant's response to Staff's First Request, Attachment K, Item 84. Confirm that all the federal, state, and Pike County permits and consultations listed in the Permitting Table are specifically applicable to the Pike County Solar Project. If not, provide a revised table of the permits applicable to the project.

RESPONSE: The referenced item (Attachment K to Pike County Solar Project's Responses to Staff's First Data Requests) has been revised and is attached hereto as **Attachment G**.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

29. Refer to Staff's First Request, Attachment K, Item 84. Indicate what tribal lands the project is located on or adjacent to.

RESPONSE: There are no adjacent Tribal Lands to Applicant's knowledge. Therefore, this has been removed from the provided **Attachment G**. If through the forthcoming cultural desktop and on-site reviews Applicant determines there are tribal lands within or adjacent to the Project Site, proper coordination will be followed. Given this site is highly manipulated from the previous mining activities, unanticipated finds are believed to be unlikely.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

30. Refer to the Application, Tab 10, Economic Impact Report. Explain whether application of data about construction costs, including labor costs and local expenditures, and estimates

of number of construction workers, including local hires, from the nearby Martin County Solar Project could result in more accurate estimates of the economic benefits of the Pike County Project within Pike County and the Commonwealth, as compared to the application of data from the 2014 study of solar facilities in California. If yes, provide revised estimates of the construction workforce, labor compensation, local expenditures and economic activity for the Pike County Solar Project.

RESPONSE: The Economic Impact Report (Application, Tab 10, Attachment G) estimates that there will be a total of 328 new jobs (240 direct jobs, plus 88 indirect jobs) in Pike County in year one. There will be 240 direct jobs on site over the approximately 18-month construction period.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

31. Refer to the Application, Tab 10, Economic Impact Report. Provide estimates of annual and total (over the life of the project) property taxes that will be paid to Pike County and, separately, to the Commonwealth of Kentucky.

RESPONSE: The table below is an estimate of the annual and total property taxes to be paid to Pike County and separately to the Commonwealth of Kentucky. These estimates are based upon estimated expenditures and estimated applicable tax rates.

Total Estimated Property Tax, Franchise & PILOT				
Total State	Total County	Total School	Total Franchise	Total Estimated Taxes Paid
\$219,546.89	\$103,555	\$204,785	\$0	\$527,887
\$216,906.58	\$103,837	\$205,439	\$0	\$526,183
\$212,706.58	\$103,666	\$205,254	\$0	\$521,626
\$208,410.60	\$103,452	\$204,993	\$0	\$516,856
\$204,019.11	\$103,196	\$204,655	\$0	\$511,870
\$195,250.92	\$101,625	\$201,884	\$0	\$498,761
\$191,137.65	\$101,408	\$201,621	\$0	\$494,167
\$186,810.38	\$101,112	\$201,213	\$0	\$489,135
\$182,395.01	\$100,773	\$200,726	\$0	\$483,893
\$177,969.21	\$100,413	\$200,203	\$0	\$478,586

\$173,507.15	\$100,025	\$199,629	\$0	\$473,162
\$169,012.35	\$99,609	\$199,004	\$0	\$467,626
\$163,367.29	\$98,809	\$197,670	\$0	\$459,846
\$159,180.75	\$98,451	\$197,156	\$0	\$454,788
\$154,928.96	\$98,056	\$196,573	\$0	\$449,558
\$150,604.45	\$97,618	\$195,915	\$127	\$444,264
\$144,860.81	\$96,692	\$194,354	\$20,739	\$456,645
\$139,117.32	\$95,738	\$192,742	\$47,721	\$475,318
\$133,373.68	\$94,755	\$191,079	\$93,981	\$513,189
\$127,630.19	\$93,743	\$189,363	\$125,732	\$536,468
\$121,886.55	\$92,701	\$187,593	\$157,609	\$559,790
\$116,143.05	\$91,629	\$185,770	\$188,977	\$582,518
\$110,399.42	\$90,526	\$183,891	\$218,128	\$602,944
\$104,655.92	\$89,392	\$181,956	\$293,714	\$669,717
\$98,912.28	\$88,226	\$179,964	\$321,986	\$689,088
\$93,168.79	\$87,028	\$177,914	\$347,769	\$705,879
\$87,425.15	\$85,797	\$175,804	\$370,313	\$719,339
\$81,681.52	\$84,533	\$173,635	\$389,186	\$729,036
\$75,938.02	\$83,235	\$171,405	\$471,272	\$801,850
\$70,194.38	\$81,902	\$169,113	\$483,089	\$804,299
\$64,450.89	\$80,535	\$166,758	\$488,941	\$800,685
\$58,707.25	\$79,132	\$164,339	\$488,335	\$790,513
\$52,963.76	\$77,693	\$161,855	\$480,999	\$773,511
\$47,220.12	\$76,217	\$159,305	\$531,991	\$814,733
\$41,476.63	\$74,704	\$156,687	\$503,987	\$776,855
\$35,732.99	\$73,153	\$154,001	\$464,548	\$727,436
\$35,732.99	\$73,885	\$155,541	\$340,530	\$605,690
\$35,732.99	\$74,624	\$157,097	\$205,279	\$472,732
\$35,732.99	\$75,370	\$158,668	\$54,092	\$323,862
\$28,712.95	\$73,201	\$154,846	\$0	\$256,760
\$4,907,605	\$3,630,018	\$7,360,397	\$7,089,041	\$22,987,060

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

32. Refer to the Application, Tab 10, Economic Impact Report. Provide estimates of annual and total (over the life of the project) taxes that will be paid to the Commonwealth of Kentucky related to the value of manufacturing machinery.

RESPONSE: Below is an estimate of annual and total taxed to be paid to the Commonwealth of Kentucky related to manufacturing machinery. Estimate based on manufacturing machinery tax rate and estimated value of manufacturing machinery.

MFG Machinery State Taxes	
\$	19,673.49
\$	177,078.23
\$	174,817.26
\$	171,220.68
\$	167,541.92
\$	163,781.37
\$	156,272.93
\$	152,750.64
\$	149,045.07
\$	145,264.08
\$	141,474.14
\$	137,653.16
\$	133,804.15
\$	128,970.14
\$	125,385.09
\$	121,744.16
\$	118,040.97
\$	113,122.54
\$	108,204.23
\$	103,285.80
\$	98,367.50
\$	93,449.07
\$	88,530.76
\$	83,612.33
\$	78,694.02
\$	73,775.59
\$	68,857.28
\$	63,938.85
\$	59,020.42
\$	54,102.12
\$	49,183.69
\$	44,265.38
\$	39,346.95

\$	34,428.64
\$	29,510.21
\$	24,591.90
\$	19,673.47
\$	19,673.47
\$	19,673.47
\$	19,673.47
\$	13,662.02
\$	3,785,160.69

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

33. Refer to the Application, Tab 10, Economic Impact Report. Provide an estimate of the amount of the project investment:

Applicant estimates the following for equipment to be procured for the Project. (This estimate does not include labor costs.)

- a. In Pike County;

RESPONSE: \$6,659,130

- b. Total within Kentucky; and

RESPONSE: \$5,732,275

- c. Total outside Kentucky.

RESPONSE: \$103,884,070

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

34. Refer to the Application, Tab 10, Economic Impact Report. Explain the relatively high salary level assumed for the three permanent operation jobs as compared to salary levels for other, similar type jobs in Pike County.

RESPONSE: Salary estimates are based upon industry standards and not only from within Pike County and Kentucky.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

35. Provide an updated delivery plan for the construction phase of the project. Include roads and bridges that will be used and what equipment will be delivered along which routes and through which access points.

RESPONSE: Applicant expects all semi trucks to utilize US 119 to access the site for both heavy and oversized loads. This is also based on the understanding that the site will have direct access to US 119.

As to the alternative construction entrance off of Ford Mountain Road, Applicant notes this is more favorable. A haul route study will be completed to finalize access and delivery roads. Ford Mountain Road will be the main delivery access point to the Project Site.

Response provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

36. Provide any updates to planned delivery times given proposed delivery routes is in close proximity to John's Creek Elementary School.

RESPONSE: Applicant will utilize flaggers and escort vehicles. Savion will coordinate with the school regarding schedule.

Response provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

37. Describe any internal road improvements or maintenance that may occur prior to or during construction and operations of the project.

RESPONSE: Applicant does not anticipate the need to update public roads. Private roads will likely need some improvements, however a haul route study will be completed to confirm any necessary improvements.

Response provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

38. Provide any existing agreements regarding the proposed transmission line, including but not limited to transfer of ownership, permits, or leases.

RESPONSE: The Project has an Interconnection Service Agreement with PJM and Kentucky Power, which can be accessed at [AC1-101 AC1-102 ISA \(W0303017-2\).DOCX](#) (pjm.com)

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

39. Provide a map showing all possible transmission line routes. Use satellite imagery as the basemap.

RESPONSE: The current possible transmission line routes are provided on Exhibit A of the original application, Attachment D to the Responses to Staff's First Data Requests, and Attachment A hereto.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

40. Provide any updates regarding easement agreements for the proposed transmission line including but not limited to copies of all signed agreements.

RESPONSE: There are discussions in process to obtain easement agreements for the transmission line. Two easements have been secured, and three are outstanding.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

41. Provide any communication that has occurred with Meta Baptist Church regarding the project.

RESPONSE: No communication has occurred to date. Coordination will take place once an EPC is on board and more construction details have been finalized.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

42. Provide the days of the week and times services are held for Meta Baptist Church.

RESPONSE: According to the Meta Baptist Church's website, services are as follows:
Sunday Morning: Sunday School at 9:45am, Worship Service at 11:00am
Sunday Evening: Youth & Children's Classes at 6:00 pm, Worship Service at 6:00pm
Tuesday morning: Bible Study at 11:00 am
Wednesday Evening: Prayer Meeting, Youth Group, and Children's Choir at 6:00pm

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

43. Refer to Applicant's response to Staff's First Request, Item 8. Provide the local departments that will be contacted regarding security and emergency protocols during construction and operations.

RESPONSE: Applicant’s representatives plan to engage with local law enforcement and fire services to provide information and to ensure they are familiar with the plan for security and emergency protocols during construction and operations. These departments include the Pike County Sheriff’s office, Pikeville Police Department, Pike County Office of Emergency Management, Pikeville Fire Department, and the Pikeville Medical Center.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

44. Explain what racking technology will be used to minimize soil movement during construction and operations.

RESPONSE: The Project Site has yet to be restored, and some grading may occur during site restoration. Applicant plans to utilize racking technology capable of accommodating steeper slopes, and Applicant expects only minor areas will be graded for Project construction.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

45. Provide the bonding company that will be responsible for the reclamation of the site.

RESPONSE: Sompo International.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

46. Describe, in detail, the Kentucky Energy and Environment Cabinet’s permitting process and the requirements that will have to be fulfilled for a land use permit for the proposed Project.

RESPONSE: See response to DR 26 above. Applicant also plans to seek the advice of legal counsel, when appropriate, regarding this process.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

47. Refer to Applicant’s response to Staff’s First Request, Items 18–25. Provide any updated information for each request.

RESPONSE: This information is not yet available. Pike County Solar expects to provide this information at a later time during the separate forthcoming permitting process for the transmission line. See also **Attachment A** hereto for current possible transmission line routes.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

48. Refer to Applicant’s response to Staff’s First Request, Items 48–49. Provide any updated information for each request.

RESPONSE: Applicant has reviewed and believes the Federal Aviation Administration’s Notice Criteria Tool requires filing. Applicant will coordinate with FAA as necessary. No further coordination has taken place to date with the FAA or the Pike County Airport. Applicant expects such coordination to occur prior to the start of construction.

* Structure Type: SOLAR | Solar Panel
Please select structure type and complete location point information.

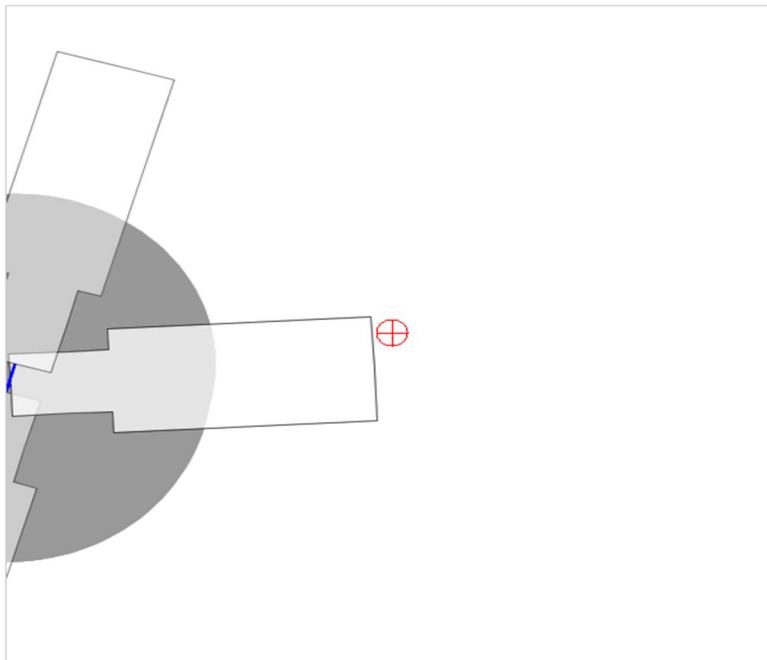
Latitude: 37 Deg 34 M 40.17 S N
Longitude: 82 Deg 25 M 44.91 S W
Horizontal Datum: NAD83
Site Elevation (SE): 27473 (nearest foot)
Structure Height : 10 (nearest foot)
Is structure on airport: No Yes
Submit

Results

You exceed the following Notice Criteria:

Your proposed structure is in proximity to a navigation facility and may impact the assurance of navigation signal reception. The FAA, in accordance with 77.9, requests that you file.

The FAA requests that you file



Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

49. Explain whether a request has been made to the U.S. Army Corps of Engineers for a wetland delineation report. If not, provide a date for which it will be made.

RESPONSE: ERM has completed the on-site wetland delineation and is currently working on the Wetland Delineation Report. The U.S. Army Corps of Engineers will be involved

as needed, dependent on the outcome of the Wetland Delineation Report and its determination.

Response Provided by: Jeannine Johnson, Christina Martens, Erich Miarka, and Justin Ahn

50. In a map, provide the following and color code the response for each neighborhood the participating homeowners and include a legend:
- a. Identify each neighborhood and each of the noise receptors that are homes; and
 - b. The homes which are participating landowners; and
 - c. Indicate whether the participating homeowner is a lessor and which lease is applicable.

RESPONSE: See **Attachments A and E.**

Response Provided by: Justin Ahn

51. Identify the company that will employ the individuals that are, or will be, responsible for ensuring compliance with the statements in the application and any conditions imposed by the Siting Board.

RESPONSE: Pike County Solar Project, LLC will be responsible for ensuring compliance.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

52. Provide the entire corporate structure, or membership interests, of Pike County Solar.

RESPONSE: Pike County Solar Project, LLC is 100% owned by Savion LLC.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

53. Provide the entire corporate structure of Savion, LLC (Savion), including its parents company.

RESPONSE: Savion, LLC is 100% owned by Shell New Energies US, LLC.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

54. See the Application, Tab 11, Environmental Violation Record. Provide the entities with an ownership interest in Pike County Solar that were referenced as not having any environmental violations.

RESPONSE: Pike County Solar Project, LLC and Savion, LLC.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

55. Explain whether Pike County Solar intends to hire as many local workers for the construction and operation phases of the project as possible, all other qualifications for the positions being equal.

RESPONSE: Applicant will hire as many local workers for the construction and operation phases as feasible.

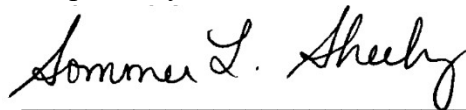
Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

56. Explain whether a complaint resolution program is going to be created for this project. If so, explain in detail the program.

RESPONSE: Yes. Applicant plans for the Project Site to be posted with contact information including phone numbers for people to call within inquiries or concerns, and Applicant's representative will address them. The Project website <https://www.pikecountysolarproject.com> will also be active with updated construction activities and timelines.

Response Provided by: Jeannine Johnson, Christina Martens, and Erich Miarka

Respectfully submitted,



Sommer L. Sheely
Dylan F. Borchers
Kara H. Herrnstein
BRICKER GRAYDON LLP
100 South Third Street
Columbus, OH 43215-4291
Telephone: (614) 227-2300
Facsimile: (614) 227-2390
E-mail: ssheely@brickergraydon.com

dborchers@brickergraydon.com
khernstein@brickergraydon.com

Counsel for Pike County Solar Project, LLC