

COMMONWEALTH OF KENTUCKY

BEFORE THE KENTUCKY STATE BOARD ON ELECTRIC GENERATION
AND TRANSMISSION SITING

In the Matter of:

ELECTRONIC APPLICATION OF RUSSELLVILLE)
SOLAR LLC FOR A CERTIFICATE OF)
CONSTRUCTION FOR AN APPROXIMATELY)
173 MEGAWATT MERCHANT ELECTRIC SOLAR)
GENERATING FACILITY IN LOGAN COUNTY,)
KENTUCKY PURSUANT TO KRS 278.700 AND)
807 KAR 5:110)

CASE NO.
2021-00235

NOTICE OF FILING

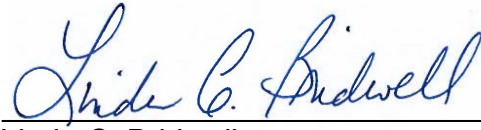
Notice is given to all parties that the following materials have been filed into the record of this proceeding:

- The digital video recording of the evidentiary hearing conducted on June 30, 2022 in this proceeding;
- Certification of the accuracy and correctness of the digital video recording;
- A written log listing, inter alia, the date and time of where each witness' testimony begins and ends on the digital video recording of the evidentiary hearing conducted on June 30, 2022.

A copy of this Notice, the certification of the digital video record, and hearing log have been served upon all persons listed at the end of this Notice. Parties desiring to view the digital video recording of the hearing may do so at <https://youtu.be/YK9PPCqyGIk>.

Parties wishing an annotated digital video recording may submit a written request by electronic mail to pscfilings@ky.gov. A minimal fee will be assessed for a copy of this recording.

Done at Frankfort, Kentucky, this 28th day of July 2022.



Linda C. Bridwell
Executive Director
Public Service Commission of Kentucky

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

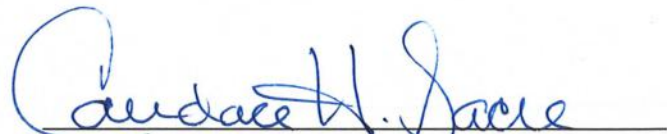
ELECTRONIC APPLICATION OF)	
RUSSELLVILLE SOLAR LLC FOR A)	
CERTIFICATE OF CONSTRUCTION FOR AN)	CASE NO.
APPROXIMATELY 173 MEGAWATT MERCHANT)	2021-00235
ELECTRIC SOLAR GENERATING FACILITY IN)	
LOGAN COUNTY, KENTUCKY PURSUANT TO)	
KRS 278.700 AND 807 KAR 5:110)	


CERTIFICATION

I, Candace H. Sacre, hereby certify that:

1. The attached flash drive contains a digital recording of the Formal Hearing conducted in the above-styled proceeding on June 30, 2022. The Formal Hearing Log is included with the recording on June 30, 2022;
2. I am responsible for the preparation of the digital recording;
3. The digital recording accurately and correctly depicts the Formal Hearing of June 30, 2022; and
4. The Formal Hearing Log attached to this Certificate accurately and correctly states the events that occurred at the Formal Hearing of June 30, 2022, and the time at which each occurred.

Signed this 22nd of July, 2022.


Candace H. Sacre
Administrative Specialist III


Stephanie Schweighardt
Notary Public State at Large
Commission Expires: January 14, 2023
ID# 614400



Date:	Type:	Location:	Department:
6/30/2022	Public Hearing\Public Comments	Hearing Room 1	Hearing Room 1 (HR 1)

Witness: Michael Baute; Tim Casey; Paul Coomes; Stefan Eckmann; Richard Kirkland; Harriet Seacat; David Weise
 Judge: Kent Chandler
 Clerk: Candace Sacre

Event Time	Log Event	
1:19:00 PM	Session Started	
1:19:43 PM	Chairman Chandler Note: Sacre, Candace H	Good afternoon. We are on the record in Case No. 2021-00235, the application of Russellville Solar, LLC, for a Certificate of Construction for an approximately 173-megawatt merchant electric solar generating facility in Logan County, Kentucky, pursuant to KRS 278.700 and 807 KAR 5:110.
1:20:06 PM	Chairman Chandler Note: Sacre, Candace H	My name is Kent Chandler. I am Chairman of the Kentucky Public Service Commission and serve as Chairman of the Kentucky State Board on Electric Generation and Transmission Siting, and I will be presiding over the hearing today.
1:20:16 PM	Chairman Chandler Note: Sacre, Candace H	Joining me today by videoconferencing is John Lyons, Deputy Secretary for the Energy and Environment Cabinet, serving as proxy for Secretary Rebecca Goodman; Sydney Montgomery, Executive Advisor with the Cabinet for Economic Development, serving as proxy for Secretary of the Cabinet for Economic Development; Logan Chick, Judge/Executive and ad hoc member of the Siting Board; and Martha Jean King, second ad hoc appointee.
1:20:42 PM	Chairman Chandler Note: Sacre, Candace H	Videoconferencing recommendations. (Click on link for further comments.)
1:21:47 PM	Chairman Chandler Note: Sacre, Candace H	The hearing today is for the purpose of taking evidence on the application.
1:21:51 PM	Chairman Chandler Note: Sacre, Candace H	Entry of appearance of counsel. (Click on link for further comments.)
1:21:57 PM	Atty Osterloh Russellville Solar Note: Sacre, Candace H	Todd Osterloh and Rebecca Price.
1:22:20 PM	Staff Atty Young PSC Note: Sacre, Candace H	Justin Young and Heather Temple.
1:22:23 PM	Chairman Chandler Note: Sacre, Candace H	Procedural discussions. (Click on link for further comments.)
1:22:42 PM	Chairman Chandler Note: Sacre, Candace H	Public notice. (Click on link for further comments.)
1:23:19 PM	Chairman Chandler Note: Sacre, Candace H	Outstanding motions. (Click on link for further comments.)
1:24:05 PM	Chairman Chandler Note: Sacre, Candace H	Public comments. (Click on link for further comments.)

1:45:36 PM Chairman Chandler
Note: Sacre, Candace H First witness?

1:46:07 PM Atty Osterloh Russellville Solar
Note: Sacre, Candace H Stefan Eckmann.

1:46:24 PM Chairman Chandler
Note: Sacre, Candace H Witness is sworn.

1:46:31 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Direct Examination. Name and address?

1:46:45 PM Atty Osterloh Russellville Solar - witness Eckmann
Note: Sacre, Candace H Direct Examination. By whom employed?

1:46:48 PM Atty Osterloh Russellville Solar - witness Eckmann
Note: Sacre, Candace H Title?

1:46:51 PM Atty Osterloh Russellville Solar - witness Eckmann
Note: Sacre, Candace H Describe involvement with project?

1:47:06 PM Atty Osterloh Russellville Solar - witness Eckmann
Note: Sacre, Candace H Sponsor responses?

1:47:10 PM Atty Osterloh Russellville Solar - witness Eckmann
Note: Sacre, Candace H Adopt today?

1:47:36 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Cross Examination. Supplier selected for panels?

1:47:48 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Solar panels, issues or problems leaching chemicals into ground?

1:48:36 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H How monitor for damage and how often?

1:49:00 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H How long take replace panel?

1:49:11 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Examination. Remote sensing can tell if single panel has degradation of output?

1:49:28 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H What is block of panels?

1:49:35 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Cross Examination (cont'd). Life span of typical panel?

1:49:47 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Efficiency of panel decrease over time and what is expected rate of decrease?

1:50:13 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H How panels disposed of?

1:50:55 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Decommissioning plan finalized or prepared?

1:51:11 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Intent decommissioning or other plans done remove components underground certain level or completely?

1:51:38 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Vegetative buffer, what species anticipated be used in that?

1:52:13 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H All evergreen?

1:52:17 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H On site, be at least two acres of native plants preferred by pollinators?

1:52:35 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Plan for maintaining buffer during operations phase?

1:53:00 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H In past, have standard, go review every so often or certain interval?

1:53:12 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Locations on site archeologically significant, how deal with those?

1:53:45 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Harriet speak further on that?

1:53:59 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H If discover karst, what plan for dealing with karst areas?

1:54:47 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Any new geotechnical reports since most recent data requests hadn't been filed, could those be tendered with post-hearing data requests?

1:54:48 PM POST-HEARING DATA REQUEST
Note: Sacre, Candace H STAFF ATTY YOUNG PSC - WITNESS EDKMANN
Note: Sacre, Candace H NEW GEOTECHNICAL REPORTS

1:55:04 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H End of A P Miller Road, one or two easements lead to farmland off site, going to be protected and how so?

1:55:44 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Foresee access kept available?

1:55:53 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H What is planned water source on site?

1:56:21 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H During construction, risk of runoff?

1:57:02 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Hydrology report as well as memo something tender in post-hearing data request?

1:57:03 PM POST-HEARING DATA REQUEST
Note: Sacre, Candace H STAFF ATTY YOUNG PSC - WITNESS ECKMANN
Note: Sacre, Candace H HYDROLOGY REPORT AS WELL AS MEMO DELINEATING WHERE WATER FLOWS

1:57:42 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Any new developments with traffic plan, any further developments, dealing with, say, heavy construction during construction project?

1:58:03 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Currently plan deal with damage occur from heavy equipment coming in to local roads or who deal with financing either repairing or expanding or modifying roads as needed?

1:58:35 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H In post-hearing data request, provide Corps of Engineers report regarding wetland delineating in response?

1:58:36 PM POST-HEARING DATA REQUEST
Note: Sacre, Candace H STAFF ATTY YOUNG PSC - WITNESS ECKMANN
Note: Sacre, Candace H CORPS OF ENGINEERS REPORT REGARDING WETLAND DELINEATING IN RESPONSE

1:58:46 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Any changes made to site plan that were result of public comment?

1:59:18 PM Staff Atty Young PSC - witness Eckmann
Note: Sacre, Candace H Expected start date and end date for construction phase?

1:59:52 PM Board Member Lyons - witness Eckmann
Note: Sacre, Candace H Examination. Developer has power purchase agreement with TVA, explain how PPA works in terms of solar developer generating power and then how power goes through TVA to consumers?

2:00:58 PM Board Member Lyons - witness Eckmann
Note: Sacre, Candace H Green tariff essentially those companies' preference for using renewable energy?

2:01:20 PM	Board Member Lyons - witness Eckmann Note: Sacre, Candace H	As heard in public comments and some comments received through Silicon documentation, lot of land prized for farming, concern with solar arrays decommissioned, land be productive once again, what kind of impact construction of solar site and impact beyond those years have on land?
2:03:01 PM	Board Member Lyons - witness Eckmann Note: Sacre, Candace H	Talking about preconstruction grading, what happens top soil, stored, or is there minimal grading not impact soil quality in later years?
2:04:01 PM	Board Member Lyons - witness Eckmann Note: Sacre, Candace H	How solar developer choose land on which like to build solar facility, criteria?
2:05:20 PM	Board Member Lyons - witness Eckmann Note: Sacre, Candace H	Proximity to transmission, TVA issued RFP, were successful developer?
2:06:03 PM	Board Member Lyons - witness Eckmann Note: Sacre, Candace H	Who was developer obtained?
2:06:12 PM	Board Member Lyons - witness Eckmann Note: Sacre, Candace H	Other documentation, consultation with Indian tribes and Fish and Wildlife when Section 7 initiated, either responded to consultation?
2:07:05 PM	Board Member Lyons - witness Eckmann Note: Sacre, Candace H	Noise issues, adjacent landowners concerns about noise, not contacted, anyone expressed issues been contacted by Silicon and concerns heard?
2:08:28 PM	Board Member Lyons - witness Eckmann Note: Sacre, Candace H	In Phase 1 environmental survey, not specific number of water wells identified on property, not know in project area or within the entirety of 1500 acres, how many water wells on this property?
2:09:07 PM	Board Member Lyons - witness Eckmann Note: Sacre, Candace H	Have an idea some still in use or not?
2:09:26 PM	Board Member Lyons - witness Eckmann Note: Sacre, Candace H	What be ultimate plan for water wells abandoned at this point?
2:10:14 PM	Board Member Montgomery - witness Eckmann Note: Sacre, Candace H	Examination. How many projects have you worked?
2:10:51 PM	Board Member Montgomery - witness Eckmann Note: Sacre, Candace H	Of projects, any at operational phase?
2:11:08 PM	Board Member Montgomery - witness Eckmann Note: Sacre, Candace H	Since not worked or managed operational phase, any idea how many jobs created during operational phase from this project?
2:11:51 PM	Board Member Montgomery - witness Eckmann Note: Sacre, Candace H	Indication these jobs local or outsourced?
2:12:16 PM	Board Member Montgomery - witness Eckmann Note: Sacre, Candace H	Notice said monitoring done remotely and believe said be done at HQ in Nashville, of 5-7 jobs, any in Nashville?
2:12:42 PM	Board Member Montgomery - witness Eckmann Note: Sacre, Candace H	Believe from record says in talks regards PILOT, any traction there?
2:13:23 PM	Board Member Montgomery - witness Eckmann Note: Sacre, Candace H	Copy in post-hearing data request?
2:13:24 PM	POST-HEARING DATA REQUEST Note: Sacre, Candace H	BOARD MEMBER MONTGOMERY - WITNESS ECKMANN
	Note: Sacre, Candace H	COPY OF FINAL PILOT AGREEMENT
2:13:37 PM	Board Member Montgomery - witness Eckmann Note: Sacre, Candace H	Construction phase, walk through what that involves as far as hiring?

2:14:33 PM	Board Member Chick - witness Eckmann Note: Sacre, Candace H	Examination. Did get map of project, shows A P Miller Road, after 1,000 feet sharp right turn, goes back to another farm, also easement goes east and kinda north through project, told going to be maintained and kept open, right?
2:15:40 PM	Board Member Chick - witness Eckmann Note: Sacre, Candace H	That easement not showed on map, cemetery right in area, too, cemetery be protected and road continue to be open for farmers?
2:16:14 PM	Chairman Chandler - witness Eckmann Note: Sacre, Candace H	Examination. He kinda made as statement, will ask it this way, anticipated site layout leave easement open for public use?
2:16:25 PM	Chairman Chandler Note: Sacre, Candace H	Hear that Judge Chick? (Click on link for further comments.)
2:16:31 PM	Chairman Chandler Note: Sacre, Candace H	Ask as post-hearing data request showing/creating map that clearly delineates that easement within the context of proposed site layout?
2:16:35 PM	POST-HEARING DATA REQUEST Note: Sacre, Candace H Note: Sacre, Candace H	CHAIRMAN CHANDLER - WITNESS ECKMANN PROVIDE MAP CLEARLY DELINEATING REFERENCED EASEMENT WITHIN CONTEXT OF PROPOSED SITE LAYOUT
2:16:55 PM	Board Member King - witness Eckmann Note: Sacre, Candace H	Examination. Decommissioning, no plans, working third party, may take several weeks, any more information on that?
2:18:17 PM	Board Member King - witness Eckmann Note: Sacre, Candace H	Language in contract to landowners who go solar?
2:18:54 PM	Board Member King - witness Eckmann Note: Sacre, Candace H	Who third party working on that?
2:19:08 PM	Board Member King - witness Eckmann Note: Sacre, Candace H	Proposing that, does that mean they agreed do it?
2:19:28 PM	Board Member King - witness Eckmann Note: Sacre, Candace H	Monitoring solar array from Nashville, use satellite or fiber, how communicate with company?
2:21:05 PM	Chairman Chandler - witness Eckmann Note: Sacre, Candace H	Examination. Back to panel damage, response indicated know when panel damaged see degradation in production?
2:21:25 PM	Chairman Chandler - witness Eckmann Note: Sacre, Candace H	Panel damaged, glass top breaks, not affecting production, would you see that in monitoring system discussing?
2:21:55 PM	Chairman Chandler - witness Eckmann Note: Sacre, Candace H	What's regularly?
2:22:00 PM	Chairman Chandler - witness Eckmann Note: Sacre, Candace H	I mean, once a month, once a year, once a week?
2:22:07 PM	Chairman Chandler - witness Eckmann Note: Sacre, Candace H	Ask as a post-hearing data request, frequency which anticipate?
2:22:08 PM	POST-HEARING DATA REQUEST Note: Sacre, Candace H Note: Sacre, Candace H	CHAIRMAN CHANDLER - WITNESS ECKMANN FREQUENCY OF REGULAR MAINTENANCE AND INSPECTING ROWS OF PANELS
2:22:12 PM	Chairman Chandler - witness Eckmann Note: Sacre, Candace H	How many facilities or how many megawatts currently have, Silicon Ranch has, currently operating today?
2:22:50 PM	Chairman Chandler - witness Eckmann Note: Sacre, Candace H	Is this biggest project?
2:23:07 PM	Chairman Chandler - witness Eckmann Note: Sacre, Candace H	Entirety of footprint used for regenerative energy?

2:23:52 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Asked about water use, how clean panels while operating?

2:24:17 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Water runoff, looked at difference hydrological impact of regenerative energy proposals, planting in native grasses, looked at that, distinguishing feature or factor in hydrological impact?

2:25:08 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Under proposed site layout, still be unfettered access as is today or same level of access as is today to cemetery?

2:25:31 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Open access?

2:25:44 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Runoff, method proposing use for installation of panels?

2:26:10 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Panels be on ordinary rack system, pile drive poles, bolt racks to them, and then bolt solar panels onto racks?

2:26:26 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Not a ground mounted, screw system, expecting do impact drilling instead of screw system for individual poles rack sit on?

2:26:42 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Intend on racks on poles rather than ground mounted?

2:26:47 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H In terms of panel, how big?

2:27:01 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H When actually comes to distance between rows, two feet?

2:27:16 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Fixed or tilting axis?

2:27:23 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Single access trackers, so move, not fixed?

2:27:27 PM Chairman Chandler - witness Eckmann
Note: Sacre, Candace H Assume at noon position, widest going to get, what distance between edge one panel and next?

2:27:55 PM Chairman Chandler
Note: Sacre, Candace H Mr. Osterloh? (Click on link for further comments.)

2:28:26 PM Chairman Chandler
Note: Sacre, Candace H Step down but ask you stick around.

2:28:40 PM Chairman Chandler
Note: Sacre, Candace H Recess until 2:45.

2:28:51 PM Session Paused

2:46:01 PM Session Resumed

2:46:11 PM Chairman Chandler
Note: Sacre, Candace H Back on the record in Case No. 2021-00235.

2:46:16 PM Chairman Chandler
Note: Sacre, Candace H Additional witness?

2:46:19 PM Atty Osterloh Russellville Solar - witness Seacat
Note: Sacre, Candace H Harriet Seacat.

2:46:44 PM Chairman Chandler
Note: Sacre, Candace H Witness is sworn.

2:46:55 PM Chairman Chandler - witness Seacat
Note: Sacre, Candace H Examination. Name and address?

2:47:12 PM Atty Osterloh Russellville Solar - witness Seacat
Note: Sacre, Candace H Direct Examination. By whom employed?

2:47:15 PM Atty Osterloh Russellville Solar - witness Seacat
Note: Sacre, Candace H Title?

2:47:20 PM Atty Osterloh Russellville Solar - witness Seacat
Note: Sacre, Candace H Tell us what role has been in this project?

2:48:09 PM Atty Osterloh Russellville Solar - witness Seacat
Note: Sacre, Candace H Sponsor responses?

2:48:13 PM Atty Osterloh Russellville Solar - witness Seacat
Note: Sacre, Candace H Adopt those responses today?

2:48:20 PM Chairman Chandler
Note: Sacre, Candace H Mr. Young?

2:48:24 PM Staff Atty Young PSC - witness Seacat
Note: Sacre, Candace H Cross Examination. Know at what rate or how often the vegetative buffer monitored, say a tree gets knocked down how replaced/how quickly?

2:49:19 PM Staff Atty Young PSC - witness Seacat
Note: Sacre, Candace H Not dedicated person monitor vegetative buffer?

2:49:44 PM Staff Atty Young PSC - witness Seacat
Note: Sacre, Candace H Earlier asked about fugitive dust control, more detail plan for dust control?

2:50:27 PM Chairman Chandler
Note: Sacre, Candace H Deputy Secretary Lyons?

2:50:31 PM Board Member Lyons - witness Seacat
Note: Sacre, Candace H Examination. Went through extensive environmental assessment for project, at least four state-listed plant species, one rare not even documented in Kentucky Biological Assessment tool, what plans to protect those species?

2:52:15 PM Board Member Lyons - witness Seacat
Note: Sacre, Candace H Good news, back to question consultation with Fish and Wildlife and state historical properties, consultations included or been responded to?

2:53:39 PM Board Member Lyons - witness Seacat
Note: Sacre, Candace H Fish and Wildlife not responded formally?

2:53:54 PM Board Member Lyons - witness Seacat
Note: Sacre, Candace H What about historical properties, responded to historical and archeological survey?

2:55:29 PM Board Member Lyons - witness Seacat
Note: Sacre, Candace H Eight other sites consultant determined could be eligible, never ran across final disposition of those particular sites, speak to that?

2:56:39 PM Board Member Lyons - witness Seacat
Note: Sacre, Candace H Back to water wells, know how many on project site and current status?

2:57:29 PM Board Member Lyons - witness Seacat
Note: Sacre, Candace H On property leased by Silicon?

2:57:35 PM Board Member Lyons - witness Seacat
Note: Sacre, Candace H What is plan for that well, said avoid it, would prefer and think consultant report recommended wells properly abandoned by capping?

2:58:13 PM Board Member Lyons - witness Seacat
Note: Sacre, Candace H Sure, exactly, happens on other projects but if not, it is Kentucky regulation be properly abandoned, answer question about karst or geotech survey?

3:00:03 PM Board Member Lyons - witness Seacat
Note: Sacre, Candace H Geotech survey, conclusions, statement construction in area risk of karst development and activity, through years of existence of this, how monitored and what be done to mitigate?

3:02:10 PM Chairman Chandler
Note: Sacre, Candace H Witness excused.

3:02:13 PM	Chairman Chandler Note: Sacre, Candace H	Next witness?
3:02:17 PM	Atty Osterloh Russellville Solar Note: Sacre, Candace H	David Weise.
3:02:21 PM	Chairman Chandler Note: Sacre, Candace H	Witness is sworn.
3:02:56 PM	Chairman Chandler - witness Weise Note: Sacre, Candace H	Examination. Name and address?
3:03:25 PM	Atty Osterloh Russellville Solar - witness Weise Note: Sacre, Candace H	By whom employed?
3:03:29 PM	Atty Osterloh Russellville Solar - witness Weise Note: Sacre, Candace H	Title?
3:03:34 PM	Atty Osterloh Russellville Solar - witness Weise Note: Sacre, Candace H	Role with this project?
3:03:55 PM	Atty Osterloh Russellville Solar - witness Weise Note: Sacre, Candace H	Sponsor responses?
3:03:59 PM	Atty Osterloh Russellville Solar - witness Weise Note: Sacre, Candace H	Adopt those answers today?
3:04:05 PM	Chairman Chandler Note: Sacre, Candace H	Mr. Young?
3:04:09 PM	Staff Atty Young PSC - witness Weise Note: Sacre, Candace H	Cross Examination. Maximum number of pile drivers expect active at one time?
3:04:27 PM	Staff Atty Young PSC - witness Weise Note: Sacre, Candace H	Ten maximum pieces of equipment have for pile driving on site?
3:04:38 PM	Chairman Chandler Note: Sacre, Candace H	Deputy Secretary Lyons?
3:04:43 PM	Board Member Lyons - witness Weise Note: Sacre, Candace H	Examination. Risk of future karst development and how mitigated or monitored in future?
3:06:46 PM	Board Member Lyons - witness Weise Note: Sacre, Candace H	Consultation with lead geologist, issue karst and water leach into rocks and cause karst formation, report indicated control of runoff, how avoided?
3:09:01 PM	Board Member Lyons - witness Weise Note: Sacre, Candace H	Submit storm water management plan, don't recall seeing that?
3:09:12 PM	Board Member Lyons - witness Weise Note: Sacre, Candace H	Storm water permit required construction but more detailed storm water management plan for operation, saw mentioned but not remember actually seeing that?
3:09:48 PM	Chairman Chandler Note: Sacre, Candace H	Mr. Montgomery?
3:09:54 PM	Board Member Montgomery - witness Weise Note: Sacre, Candace H	Examination. During hiring, elaborate on what hiring process looks like during construction phase?
3:11:19 PM	Board Member Montgomery - witness Weise Note: Sacre, Candace H	Follow-up, local EPCs, ones tasked with finding subcontractors to train to facilitate out to site?
3:12:09 PM	Chairman Chandler Note: Sacre, Candace H	Questions, Judge?
3:12:15 PM	Board Member Chick - witness Weise Note: Sacre, Candace H	Examination. Labor shortage everywhere, contacted local contractors about PDFs?

3:13:26 PM Board Member Chick - witness Weise
Note: Sacre, Candace H And had good response from contractors of Logan County?

3:13:34 PM Chairman Chandler
Note: Sacre, Candace H Ms. King?

3:13:38 PM Board Member King - witness Weise
Note: Sacre, Candace H Examination. People training locally hired do entire job or contractors come in put up some panels, how does that work?

3:15:48 PM Board Member King - witness Weise
Note: Sacre, Candace H Will be trained to put up solar panels and work job from beginning to end?

3:16:32 PM Board Member King - witness Weise
Note: Sacre, Candace H One of questions from landowners, is there point of contact people adjacent landowners if have complaints or concerns?

3:17:15 PM Board Member King - witness Weise
Note: Sacre, Candace H Discussing how source material and availability?

3:18:24 PM Board Member King - witness Weise
Note: Sacre, Candace H At this time, companies that make solar panels in United States?

3:18:45 PM Board Member King - witness Weise
Note: Sacre, Candace H Once start building, pile drive, put solar panels on, have all materials sourced when begin, or purchase as you go?

3:20:24 PM Chairman Chandler
Note: Sacre, Candace H Redirect?

3:20:31 PM Chairman Chandler
Note: Sacre, Candace H Procedural discussions. (Click on link for further comments.)

3:20:52 PM Atty Osterloh Russellville Solar - witness Weise
Note: Sacre, Candace H Redirect Examination. Silicon Ranch also affiliated with Turkey Creek project in Kentucky?

3:21:02 PM Atty Osterloh Russellville Solar - witness Weise
Note: Sacre, Candace H Know if panels secured for that project?

3:21:07 PM Atty Osterloh Russellville Solar - witness Weise
Note: Sacre, Candace H Know source of those panels?

3:21:11 PM Atty Osterloh Russellville Solar - witness Weise
Note: Sacre, Candace H And that is American corporation?

3:21:31 PM Chairman Chandler
Note: Sacre, Candace H Recess five minutes.

3:21:44 PM Session Paused

3:27:30 PM Session Resumed

3:28:21 PM Chairman Chandler
Note: Sacre, Candace H Back on the record in Case No. 2021-00235.

3:28:28 PM Chairman Chandler
Note: Sacre, Candace H Additional witnesses?

3:28:39 PM Atty Osterloh Russellville Solar
Note: Sacre, Candace H Tim Casey.

3:28:46 PM Chairman Chandler
Note: Sacre, Candace H Witness is sworn.

3:28:58 PM Chairman Chandler - witness Casey
Note: Sacre, Candace H Examination. Name and address?

3:29:29 PM Atty Osterloh Russellville Solar - witness Casey
Note: Sacre, Candace H Direct Examination. By whom employed?

3:29:35 PM Atty Osterloh Russellville Solar - witness Casey
Note: Sacre, Candace H Title?

3:29:41 PM Atty Osterloh Russellville Solar - witness Casey
Note: Sacre, Candace H Advise what role is with project?

3:30:03 PM	Atty Osterloh Russellville Solar - witness Casey Note: Sacre, Candace H	Sponsor responses?
3:30:09 PM	Atty Osterloh Russellville Solar - witness Weise Note: Sacre, Candace H	Adopt today?
3:30:17 PM	Chairman Chandler Note: Sacre, Candace H	Mr. Young?
3:30:22 PM	Staff Atty Young PSC - witness Casey Note: Sacre, Candace H	Cross Examination. Response, Staff Second, updated memo HDR concerning noise, went from 113 noise receptors within .5 miles to 49?
3:30:52 PM	Staff Atty Young PSC - witness Casey Note: Sacre, Candace H	Number of 49 noise receptors still correct within .5 miles?
3:31:04 PM	Staff Atty Young PSC - witness Casey Note: Sacre, Candace H	.5 miles measured from property line or some other location?
3:31:17 PM	Staff Atty Young PSC - witness Casey Note: Sacre, Candace H	When say property boundary, how define that term versus property line?
3:31:33 PM	Staff Atty Young PSC - witness Casey Note: Sacre, Candace H	Page 10, estimate at property boundary ten adjacent pile drivers operating simultaneously, set back middle of 100 feet, would produce 102 decibels at property boundary?
3:31:58 PM	Staff Atty Young PSC - witness Casey Note: Sacre, Candace H	BBC did siting report, provided mitigating measures for noise, any objection or disagreement with those?
3:32:37 PM	Chairman Chandler Note: Sacre, Candace H	Deputy Secretary Lyons?
3:32:42 PM	Board Member Lyons - witness Casey Note: Sacre, Candace H	Examination. Give example what 102 decibels might sound at given distance, anything compare to?
3:33:19 PM	Board Member Lyons - witness Casey Note: Sacre, Candace H	Pretty loud then?
3:34:48 PM	Board Member Lyons - witness Casey Note: Sacre, Candace H	What kind of noise dampening techniques Russellville employ?
3:36:21 PM	Board Member Lyons - witness Casey Note: Sacre, Candace H	Noise standard 85 decibels certain period of time?
3:37:11 PM	Chairman Chandler Note: Sacre, Candace H	Question?
3:37:25 PM	Board Member Chick - witness Casey Note: Sacre, Candace H	Examination. Home within 400 yards, 102 decibels, what do to myself and other neighbors?
3:39:40 PM	Chairman Chandler - witness Casey Note: Sacre, Candace H	Examination. Aware EPA or WHO determinations around noise as to what may be annoying or unsafe?
3:39:57 PM	Chairman Chandler - witness Casey Note: Sacre, Candace H	May have been what Lyons asking about as opposed to OSHA standard, compared to those standards EPA or WHO, compare those distances to nearest noise receptors for pile driving expected?
3:42:34 PM	Chairman Chandler - witness Casey Note: Sacre, Candace H	Study conduct specific to this facility or this method of construction?
3:44:20 PM	Chairman Chandler Note: Sacre, Candace H	Witness excused.
3:44:26 PM	Chairman Chandler Note: Sacre, Candace H	Next witness?
3:44:28 PM	Atty Osterloh Russellville Solar Note: Sacre, Candace H	Michael Baute.

3:44:43 PM Chairman Chandler
Note: Sacre, Candace H Witness is sworn.

3:44:50 PM Chairman Chandler - witness Baute
Note: Sacre, Candace H Examination. Name and address?

3:45:05 PM Atty Osterloh Russellville Solar - witness Baute
Note: Sacre, Candace H Direct Examination. By whom employed?

3:45:09 PM Atty Osterloh Russellville Solar - witness Baute
Note: Sacre, Candace H Title?

3:45:13 PM Atty Osterloh Russellville Solar - witness Baute
Note: Sacre, Candace H Describe what you do and what be doing this project?

3:45:51 PM Atty Osterloh Russellville Solar - witness Baute
Note: Sacre, Candace H Sponsor responses?

3:45:54 PM Atty Osterloh Russellville Solar - witness Baute
Note: Sacre, Candace H Adopt today?

3:45:59 PM Chairman Chandler
Note: Sacre, Candace H Mr. Young?

3:46:01 PM Staff Atty Young PSC - witness Baute
Note: Sacre, Candace H Cross Examination. Describe what benefits are of having sheep on property versus not?

3:47:11 PM Staff Atty Young PSC - witness Baute
Note: Sacre, Candace H Sheep additional revenue source or will be?

3:47:53 PM Staff Atty Young PSC - witness Baute
Note: Sacre, Candace H What steps taken to protect sheep from local wildlife?

3:48:42 PM Staff Atty Young PSC - witness Baute
Note: Sacre, Candace H Having sheep on property benefit in any way ability bringing property back to farmland back or affect that any way?

3:50:03 PM Chairman Chandler
Note: Sacre, Candace H Deputy Secretary?

3:50:06 PM Board Member Lyons - witness Baute
Note: Sacre, Candace H Examination. Pollinator species, what kind of forage planted or utilized for sheep under panels?

3:52:26 PM Board Member Lyons - witness Baute
Note: Sacre, Candace H Have sheep grazing on other properties?

3:53:11 PM Board Member Lyons - witness Baute
Note: Sacre, Candace H Sheep use panels for shade and graze down underneath those, will rotation of animals eliminate soil erosion or over-grazing underneath panels?

3:55:21 PM Board Member Lyons - witness Baute
Note: Sacre, Candace H Ranchers be local?

3:56:43 PM Chairman Chandler
Note: Sacre, Candace H Mr. Montgomery?

3:56:48 PM Board Member Montgomery - witness Baute
Note: Sacre, Candace H Examination. Outside of ranching, other types of occupations looking to hire during operational phase?

3:58:10 PM Board Member Montgomery - witness Baute
Note: Sacre, Candace H Electrovoltech?

3:58:36 PM Chairman Chandler
Note: Sacre, Candace H Questions?

3:59:08 PM Chairman Chandler
Note: Sacre, Candace H Redirect?

3:59:12 PM Atty Osterloh Russellville Solar - witness Baute
Note: Sacre, Candace H Redirect Examination. Eckmann discussed company response to damaged panels, elaborate your perspective what amounts to?

4:00:47 PM	Chairman Chandler Note: Sacre, Candace H	Additional witness?
4:00:49 PM	Atty Osterloh Russellville Solar Note: Sacre, Candace H	Dr. Paul Coomes.
4:00:52 PM	Chairman Chandler Note: Sacre, Candace H	Witness is sworn.
4:01:08 PM	Chairman Chandler - witness Coomes Note: Sacre, Candace H	Examination. Name and address?
4:01:20 PM	Atty Osterloh Russellville Solar - witness Coomes Note: Sacre, Candace H	Direct Examination. Professor Emeritus of Economics from U of L?
4:01:30 PM	Atty Osterloh Russellville Solar - witness Coomes Note: Sacre, Candace H	Prepared report related to economic analysis of project?
4:01:39 PM	Atty Osterloh Russellville Solar - witness Coomes Note: Sacre, Candace H	Sponsored responses?
4:01:44 PM	Atty Osterloh Russellville Solar - witness Coomes Note: Sacre, Candace H	Adopt today?
4:01:56 PM	Chairman Chandler Note: Sacre, Candace H	Mr. Montgomery?
4:02:19 PM	Board Member Montgomery - witness Coomes Note: Sacre, Candace H	Examination. Related to response, say no data on county wages by occupation, what resources other than BLS using to come up with that conclusion?
4:04:21 PM	Chairman Chandler - witness Coomes Note: Sacre, Candace H	Examination. Nine-page report, noticed local tax revenues, able to indicate what county will receive in occupational tax payments, estimate from studies in past impact of new payroll additional jobs, mentioned two items, payment from cash crops to lease payments, second new income from sheep farming, not take from report had calculated in determination of final economic impact of those two items?
4:06:11 PM	Chairman Chandler - witness Coomes Note: Sacre, Candace H	Page 6, reading (click on link for further comments), one overall question, although done economic impact report, all final numbers not include negatives and positives from two sentences?
4:08:34 PM	Chairman Chandler - witness Coomes Note: Sacre, Candace H	Whatever impacts stated would be further modified one way or another by those positives and negatives in those two sentences?
4:08:57 PM	Chairman Chandler - witness Coomes Note: Sacre, Candace H	Aware of any modeling or analyses done indicate follow-on impact lease payments lead to, aware any studies look at what community impact is based on lease payments land for agricultural purposes be follow-on economic impact?
4:10:06 PM	Chairman Chandler - witness Coomes Note: Sacre, Candace H	Historically, the latter, just curious lease payments generally for land, aware of studies for any of those types?
4:13:02 PM	Chairman Chandler - witness Coomes Note: Sacre, Candace H	\$205 from survey, follow-on impact lease payments, cannot imagine how many variables would be impact to community may be or follow-on jobs may be, even possible to determine what a change of difference lease payments average acre mean local economy?
4:15:35 PM	Chairman Chandler - witness Coomes Note: Sacre, Candace H	Difference lease payments cause people to move, change not cause people move in or out of county?
4:16:13 PM	Chairman Chandler Note: Sacre, Candace H	Redirect?

4:16:21 PM	Chairman Chandler Note: Sacre, Candace H	Next witness?
4:16:22 PM	Atty Osterloh Russellville Solar Note: Sacre, Candace H	Richard Kirkland.
4:18:50 PM	Chairman Chandler Note: Sacre, Candace H	Witness is sworn.
4:19:00 PM	Chairman Chandler - witness Kirkland Note: Sacre, Candace H	Examination. Name and address?
4:19:10 PM	Atty Osterloh Russellville Solar - witness Kirkland Note: Sacre, Candace H	Direct Examination. Owner of Kirkland Consulting?
4:19:16 PM	Atty Osterloh Russellville Solar - witness Kirkland Note: Sacre, Candace H	Prepared report considers property value impact of project?
4:19:26 PM	Atty Osterloh Russellville Solar - witness Kirkland Note: Sacre, Candace H	Sponsor responses?
4:19:30 PM	Atty Osterloh Russellville Solar - witness Kirkland Note: Sacre, Candace H	Adopt today?
4:19:37 PM	Chairman Chandler Note: Sacre, Candace H	Mr. Young?
4:19:41 PM	Staff Atty Young PSC - witness Kirkland Note: Sacre, Candace H	Cross Examination. Referenced several studies, only one study showed possible decrease in economic value of property near one of facilities?
4:20:07 PM	Staff Atty Young PSC - witness Kirkland Note: Sacre, Candace H	Good question, remember referenced four different studies in report, noticed in more urban areas likelihood of decrease in nearby property value, correct or am I thinking of something different?
4:20:31 PM	Staff Atty Young PSC - witness Kirkland Note: Sacre, Candace H	Tell me what separates this facility from that report, and why not determined completely applicable in situation?
4:21:47 PM	Chairman Chandler Note: Sacre, Candace H	Questions?
4:22:15 PM	Chairman Chandler - witness Kirkland Note: Sacre, Candace H	Examination. Ever participate in proceedings in other states, provide testimony or support for any other projects?
4:22:32 PM	Chairman Chandler - witness Kirkland Note: Sacre, Candace H	Any of those made finding expectation merchant solar facility have negative impact on surrounding property values?
4:23:29 PM	Chairman Chandler - witness Kirkland Note: Sacre, Candace H	State has primacy, aware of state siting authority denied application or permit or certificate because of finding of impact of solar facility surrounding property values or has required mitigation such as payments to surrounding property owners for diminution of value of property?
4:24:46 PM	Chairman Chandler Note: Sacre, Candace H	Witness excused.
4:24:52 PM	Chairman Chandler Note: Sacre, Candace H	Recall witnesses?
4:25:00 PM	Atty Osterloh Russellville Solar Note: Sacre, Candace H	Recall David Weise.
4:26:50 PM	Chairman Chandler Note: Sacre, Candace H	Still under oath.
4:26:55 PM	Atty Osterloh Russellville Solar - witness Weise Note: Sacre, Candace H	Redirect Examination. Earlier in hearing, Casey was asked about noise reports, hear that testimony?

4:27:08 PM	Atty Osterloh Russellville Solar - witness Weise Note: Sacre, Candace H	Heard him talk about HCR conservative approach estimated all ten pile drivers going at some time?
4:27:22 PM	Atty Osterloh Russellville Solar - witness Weise Note: Sacre, Candace H	Describe what construction and pile driving would look like and whether all ten pile drivers be in same location?
4:29:52 PM	Atty Osterloh Russellville Solar - witness Weise Note: Sacre, Candace H	Describe how Silicon Ranch address noise concerns during construction?
4:31:29 PM	Chairman Chandler Note: Sacre, Candace H	Questions? Ms. King?
4:31:45 PM	Board Member King - witness Weise Note: Sacre, Candace H	Examination. How many solar panels be put up?
4:31:56 PM	Board Member King - witness Weise Note: Sacre, Candace H	How long pile driving be?
4:32:30 PM	Board Member King - witness Weise Note: Sacre, Candace H	Maximum number of people around 400 be hired, after bulk of work done what is work force be down to?
4:33:56 PM	Board Member King - witness Weise Note: Sacre, Candace H	In a year's time, when array constructed, how many people left to maintain site, what reduced down to as far as workforce in Logan County?
4:34:46 PM	Chairman Chandler Note: Sacre, Candace H	Mr. Osterloh, questions?
4:34:54 PM	Chairman Chandler Note: Sacre, Candace H	Anything else?
4:35:30 PM	Chairman Chandler Note: Sacre, Candace H	Pending motions. (Click on link for further comments.)
4:35:53 PM	Chairman Chandler Note: Sacre, Candace H	Post-hearing data requests. (Click on link for further comments.)
4:37:47 PM	Chairman Chandler Note: Sacre, Candace H	Anything else?
4:38:00 PM	Chairman Chandler Note: Sacre, Candace H	Hearing adjourned.
4:38:13 PM	Session Ended	

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