

COMMONWEALTH OF KENTUCKY

BEFORE THE KENTUCKY STATE BOARD ON ELECTRIC GENERATION
AND TRANSMISSION SITING

In the Matter of:

ELECTRONIC APPLICATION OF GREEN)	
RIVER SOLAR, LLC FOR A CERTIFICATE TO)	
CONSTRUCT AN APPROXIMATELY 200)	
MEGAWATT MERCHANT SOLAR ELECTRIC)	CASE NO.
GENERATING FACILITY IN BRECKINRIDGE)	2020-00387
COUNTY AND MEADE COUNTY, KENTUCKY)	
PURSUANT TO KRS 278.700 AND 807 KAR)	
5:110)	

NOTICE OF FILING

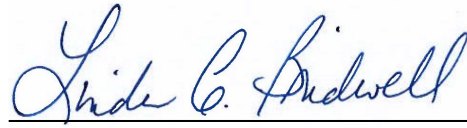
Notice is given to all parties that the following materials have been filed into the record of this proceeding:

- The digital video recording of the evidentiary hearing conducted on November 1, 2021 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 November 1, 2021.

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/06TL5uzdszY>.

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 10th day of November 2021.

A handwritten signature in blue ink that reads "Linda C. Bridwell". The signature is written in a cursive style with a horizontal line underneath it.

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 GREEN RIVER)
SOLAR, LLC FOR A CERTIFICATE TO)
CONSTRUCT AN APPROXIMATELY 200) CASE NO.
MEGAWATT MERCHANT SOLAR ELECTRIC) 2020-00387
GENERATING FACILITY IN BRECKINRIDGE)
COUNTY AND MEADE 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 November 1, 2021. The Formal Hearing Log is included with the recording on November 1, 2021;
2. I am responsible for the preparation of the digital recording;
3. The digital recording accurately and correctly depicts the Formal Hearing of November 1, 2021; and
4. The Formal Hearing Log attached to this Certificate accurately and correctly states the events that occurred at the Formal Hearing of November 1, 2021, and the time at which each occurred.

Signed this 10th day of November, 2021.



Candace H. Sacre
Administrative Specialist III



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



Date:	Type:	Location:	Department:
11/1/2021	Public Hearing\Public Comments	Hearing Room 1	Hearing Room 1 (HR 1)

Witness: Brian Bartels; Joshua Crawford; Lina Jensen; Chris Mason; Matthew Towery
 Judge: Marianne Butler; Kent Chandler; Amy Cabbage; Patrick Henderson; Maurice Lucas; John Lyons; Charlie Rowland
 Clerk: Candace Sacre

Event Time	Log Event	
1:34:42 PM	Session Started	
1:35:40 PM	Chairman Chandler Note: Sacre, Candace	On the record in 2020-00387, Electronic Application of Green River Solar, LLC, for a certificate of Construction for an Approximately 200 Megawatt Merchant Electric Solar Generating Facility in Breckenridge and Meade County, Kentucky Pursuant to KRS 278.700 and 807 KAR 5:110.
1:36:02 PM	Chairman Chandler Note: Sacre, Candace	My name is Kent Chandler. I am Chairman of the Kentucky Public Service Commission and also serve as Chairman for the Kentucky State Board on Electric Generation and Transmission Siting, and I will be presiding today.
1:36:13 PM	Chairman Chandler Note: Sacre, Candace	Joining me today by videoconferencing are the six other Siting Board members, and they are Amy Cabbage, Vice Chairman of the Kentucky Public Service Commission; Marianne Butler, Commissioner of the Kentucky Public Service Commission; John Lyons, Deputy Secretary of the Energy and Environment Cabinet, serving as proxy for Secretary Rebecca Goodman; Charlie Rowland, Executive Advisor with the Economic Development Cabinet, serving as proxy for Interim Secretary Larry Hayes; Breckenridge County Judge-Executive Maurice Lucas; and Patrick Henderson, ad hoc appointee.
1:36:51 PM	Chairman Chandler Note: Sacre, Candace	COVID and videoconferencing recommendations. (Click on link for further comments.)
1:38:00 PM	Chairman Chandler Note: Sacre, Candace	The hearing today is for the purpose of taking evidence on Green River Solar LLC's application requesting a Certificate of Construction for a 200-megawatt merchant electric-generating solar facility in Breckenridge and Meade County, Kentucky.
1:38:14 PM	Chairman Chandler Note: Sacre, Candace	Appearance of counsel, identify witnesses.
1:38:27 PM	Atty Samford Green River Solar Note: Sacre, Candace	David Samford, with me today Lina Jensen, Brian Bartels, Matt Towery, Chris Mason, and Joshua Crawford.
1:38:48 PM	Staff Atty Fell PSC Note: Sacre, Candace	Jennifer Fell.
1:38:51 PM	Chairman Chandler Note: Sacre, Candace	Public notice. (Click on link for further comments.)
1:39:17 PM	Chairman Chandler Note: Sacre, Candace	Outstanding motions. (Click on link for further comments.)
1:39:39 PM	Chairman Chandler Note: Sacre, Candace	Public comments. (Click on link for further comments.)

1:40:35 PM	Chairman Chandler Note: Sacre, Candace	Procedural discussions. (Click on link for further comments.)
1:41:46 PM	Chairman Chandler Note: Sacre, Candace	First witness?
1:41:48 PM	Atty Samford Green River Solar Note: Sacre, Candace	Lina Jensen.
1:41:58 PM	Chairman Chandler Note: Sacre, Candace	Witness is sworn.
1:42:05 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Examination. Name and address?
1:42:21 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	Direct Examination. Title?
1:42:37 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	For Green River Solar project?
1:42:46 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	Professional background and experience?
1:43:37 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	Sense of magnitude of investment in projects worked on?
1:44:10 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	Involved in preparation of application?
1:44:19 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	Certain responses to data requests?
1:44:26 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	Changes edits or corrections?
1:45:22 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	Refer what map property located?
1:45:39 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	Help optimize project further?
1:45:54 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	With one edit, ask same questions, answers be same?
1:46:12 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	Intent incorporated into record?
1:46:20 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	Materials with you?
1:46:35 PM	Atty Samford Green River Solar - witness Jensen Note: Sacre, Candace	Case record of case?
1:46:44 PM	Chairman Chandler Note: Sacre, Candace	Questions?
1:46:46 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Cross Examination. Several versions, learning of new information, confirm which version presented to Meade County Planning Commission?
1:48:47 PM	Staff Atty Fell PSC Note: Sacre, Candace	Post-hearing data request copy of newest site plan provided to Meade County Planning Commission.
1:48:48 PM	POST-HEARING DATA REQUEST Note: Sacre, Candace Note: Sacre, Candace	STAFF ATTY FELL PSC - WITNESS JENSEN NEWEST SITE PLAN PROVIDED TO MEADE COUNTY PLANNING COMMISSION
1:49:16 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Explain if other substantial changes to site plan?
1:49:42 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Change to landowner agreement as result?

1:49:55 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Confirm solar array racking system design decided yet?

1:50:15 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace One option presented tracking system, would use motors?

1:50:29 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Confirm whether use of tracking system included in noise impact assessment?

1:50:53 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Tracking motors produce sound, position on level of sound using that system?

1:51:30 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Aware alter levels of sound provided in site assessment report?

1:51:50 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Response to consultant report, alternate racking system referred to as ground mounting, lower profile, fixed to ground, further detail on system and whether viable/better option given presence of karst and sinkholes in area?

1:53:17 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Towery be one speak to process installing those use, how differs from regular pile driving processes?

1:53:40 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace High concentration of karst, public concern, significant system underground, designs for project ultimately prepared with geotech experts?

1:54:10 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Any final designs at this point?

1:55:12 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Explain additional risks been made aware of?

1:56:08 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Locating perimeter of sinkholes, come up with proposed setback from identified sinkholes?

1:56:39 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace High risk or moderate risk, what difference, how determine what high, moderate, or low risk identified?

1:57:21 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Remediating building over low-risk sinkholes, explain process or Towery?

1:58:10 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Talked about silt fences, sediment basins/traps, buffer zones around sensitive resources, applies to all existing known sinkholes on site?

1:59:16 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Aware whether contingency plan for sinkholes might occur where solar equipment installed, hazardous material fall into cave system and affect water supply?

1:59:51 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Contingency plan sink hole occurs where solar equipment installed?

2:01:47 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Who performs monitoring?

2:02:28 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Meade County local ordinance provides for setbacks and additional protections, no such ordinance for Breckenridge?

2:02:47 PM Staff Atty Fell PSC - witness Jensen
Note: Sacre, Candace Confirm Green River Solar committed to adopt terms of Meade County ordinance for entirety of project?

2:03:23 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Anything created in writing Breckenridge County memorialize that commitment?
2:04:21 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Setbacks Meade County ordinance 50 feet from perimeter property line, 250-foot setback from residential structure, nursing home, church, or school?
2:04:41 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	As stated in application, interconnection facilities, explain what facilities referenced located within setback lines?
2:05:28 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Applying same setbacks present Meade County ordinance to parcels in Breckenridge, Green River Solar committing to apply all Meade County ordinance or just setbacks?
2:06:30 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	During meeting Meade County Planning and Zoning Commission, comments, voiced concern compliance with setbacks Kentucky 79, future roadwork, Responses, Staff Second Request, stated six-year road plan construction at 2024 not expected meaningful impact on site plan, Green River Solar aware actual locations where road be straightened?
2:08:02 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	How affect distance between roadway and equipment already installed if project not put in place after equipment installed, Green River Solar believe still be in compliance?
2:08:40 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Aware Green River Solar entered into purchase power agreement with any entity?
2:08:56 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Aware any issue, when purchase power agreement expires?
2:09:25 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Consultant Report, work hours 8 am to 6 pm Mon-Sat placed on previous projects, Green River Solar proposes 6 am to 6 pm?
2:09:47 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	All days of week?
2:09:55 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Might limit higher noise activities from 8 am to 6 pm, also include Sundays?
2:10:14 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Explain what Green River Solar considers low noise construction activities versus alternative of higher noise activities?
2:10:59 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	What are higher noise activities proposed 8 am to 6 pm?
2:11:19 PM	Staff Atty Fell PSC Note: Sacre, Candace	Green River Solar acknowledges same response, siting board requires method to suppress noise from pile driving process, stated, reading (click on link for further comments), post-hearing data request provide written responses from EPC contractors regarding noise suppression methods.
2:11:20 PM	POST-HEARING DATA REQUEST Note: Sacre, Candace Note: Sacre, Candace	STAFF ATTY FELL PSC - WITNESS JENSEN WRITTEN RESPONSES FROM EPC CONTRACTORS REGARDING NOISE SUPPRESSION METHODS
2:12:28 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Aware requested cost estimates from any other contractors?

2:12:40 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	NextEra experience with noise suppression methods, implemented any such method any other project?
2:13:03 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	As developer, implemented methods semi-tractor and canvas method, sound blankets on permanent fencing, temporary fencing surrounding pile driving area, other comparable method?
2:13:42 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Traffic concerns, stated road weight ratings and road shoulder damage mitigation discussed with counties, been in discussions with Meade or Breckenridge regarding ratings/mitigation measures?
2:14:16 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Discussed potential of any bonding with counties for damage to roads?
2:14:42 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Economic impact, application stated seeking payment in lieu of taxes or PILOT with counties, aware agreements entered with either county?
2:15:15 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Not in process at all?
2:15:26 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Aware when initiating that?
2:15:42 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Decommissioning plans, Response states proposed setback requirements Meade County ordinance apply Breckenridge as well, further states, reading (click on link for further comments), confirm decommissioning plan provide surety would name Meade and Breckenridge counties as beneficiaries?
2:17:37 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Landowner agreements filed confidentially into record, since filing, any other agreements reached not filed in record?
2:18:11 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Landowner agreements and decommissioning obligations, provide financial security, not later than 15 years after begun operations, familiar with Siting Board recent decisions require surety in place at time of commencement of project?
2:19:25 PM	Staff Atty Fell PSC - witness Jensen Note: Sacre, Candace	Aware of recent Siting Board direction requires surety in place at time of commencement of solar facility?
2:20:02 PM	Chairman Chandler Note: Sacre, Candace	Questions?
2:20:08 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	Examination. Part of site originally lease agreements with Merino Solar?
2:20:55 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	All transactions to Green River taken place and Merino Solar no longer involved?
2:21:51 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	Lease agreements with Green River or some Merino Solar?
2:22:09 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	Done prior to any filing with Commission or afterwards?
2:22:25 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	Read public comments, no participation today, interact with community on that in that manner?

2:23:19 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	Commitment by Green River treat Meade County ordinance same with Breckenridge, discussed with Breckenridge officials?
2:24:33 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	Phase 1 study, referenced 5,000-acre Phase 1 study, project bigger then or shrank since Merino Solar asked for Phase 1 to be done?
2:25:18 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	No reference to oil and gas wells in area, are there any?
2:25:45 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	Check on mineral rights versus surface rights?
2:26:19 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	Division of Water, recommended setback from sinkhole is 50 and not 25, determined two acres pollinator areas, still be pollinator areas?
2:27:36 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	Area historically prairie area, contact Office of Nature Preserves to check about pollinator species, more beneficial, Sunni Carr, executive director, if want to contact.
2:28:39 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	Completed wetlands delineation on site?
2:29:06 PM	Board Member Lyons - witness Jensen Note: Sacre, Candace	Threatened and endangered species, biological assessment, question for Bartels?
2:29:32 PM	Chairman Chandler Note: Sacre, Candace	Questions?
2:29:40 PM	Board Member Rowland - witness Jensen Note: Sacre, Candace	Examination. Exhibit 9, introduction, impact of project, seek to enter into PILOT agreements Breckenridge and Meade and State, negotiations started?
2:30:24 PM	Chairman Chandler Note: Sacre, Candace	Questions?
2:30:28 PM	Board Member Lucas - witness Jensen Note: Sacre, Candace	Examination. Older home be razed on Exhibit C-202, in Meade or Breckenridge?
2:30:48 PM	Board Member Lucas - witness Jensen Note: Sacre, Candace	Concern Meade ordinance show 50-foot boundaries, 250 residential or school, portion of original plans, how far out of Irvington?
2:31:31 PM	Board Member Lucas - witness Jensen Note: Sacre, Candace	Setbacks not seem quite enough, 250 not seem quite far enough, seems a high number of residents, statute 1,000 feet and 2,000 feet, seeking deviation just seems 250 close on residence, point of contention.
2:32:34 PM	Board Member Lucas - witness Jensen Note: Sacre, Candace	Decommissioning agreements between landowners and Green River?
2:32:48 PM	Board Member Lucas - witness Jensen Note: Sacre, Candace	Number one concern environmental concerns, made comment no hazards can leak into ground/sinkholes, biggest concern.
2:33:22 PM	Chairman Chandler Note: Sacre, Candace	Questions?
2:33:30 PM	Board Member Henderson - witness Jensen Note: Sacre, Candace	Examination. Energy used to power new plant in Brandenburg and Meade County or going out of state?
2:34:17 PM	Board Member Henderson - witness Jensen Note: Sacre, Candace	Going out of state?

2:34:22 PM	Board Member Henderson - witness Jensen Note: Sacre, Candace	All acreage utilizing in Irvington area or expanding into other properties in future?
2:34:48 PM	Board Member Henderson - witness Jensen Note: Sacre, Candace	Appropriate Meade County rules, encourage consider that, seems to me most rules most appropriate.
2:35:24 PM	Board Member Henderson - witness Jensen Note: Sacre, Candace	Copy of landowner agreement?
2:35:31 PM	Chairman Chandler Note: Sacre, Candace	Filed under record?
2:35:40 PM	Atty Samford Green River Solar Note: Sacre, Candace	Yes, (click on link for further comments).
2:35:50 PM	Board Member Henderson - witness Jensen Note: Sacre, Candace	Where look that up?
2:35:55 PM	Chairman Chandler Note: Sacre, Candace	Documents subject to outstanding motion confidentiality? (Click on link for further comments.)
2:36:18 PM	Board Member Henderson - witness Jensen Note: Sacre, Candace	Position no contaminants during life of project due to what installed?
2:37:16 PM	Board Member Henderson - witness Jensen Note: Sacre, Candace	Not saying not any contamination, saying at low level?
2:37:43 PM	Chairman Chandler Note: Sacre, Candace	Questions?
2:37:51 PM	Vice Chairman Cabbage - witness Jensen Note: Sacre, Candace	Examination. NextEra plan operation solar farm post construction?
2:38:08 PM	Vice Chairman Cabbage - witness Jensen Note: Sacre, Candace	NextEra have experience with karst geography?
2:38:23 PM	Vice Chairman Cabbage - witness Jensen Note: Sacre, Candace	Delineating problem areas for karst construction, any available reports for delineations?
2:38:48 PM	Vice Chairman Cabbage - witness Jensen Note: Sacre, Candace	Anything surprising in reports or consistent what's been submitted?
2:39:09 PM	Vice Chairman Cabbage - witness Jensen Note: Sacre, Candace	Identified limestone quarries, historic quarry on Willoughby tract, area to be avoided, correct?
2:40:07 PM	Vice Chairman Cabbage - witness Jensen Note: Sacre, Candace	Assessment done how much mined out in historical quarry?
2:40:20 PM	Vice Chairman Cabbage - witness Jensen Note: Sacre, Candace	Know who might have information?
2:40:46 PM	Vice Chairman Cabbage - witness Jensen Note: Sacre, Candace	Quarry activity on adjoining parcel owned or operated by Liter's, know whether due diligence with Liter's where currently active within footprint?
2:41:26 PM	Vice Chairman Cabbage - witness Jensen Note: Sacre, Candace	Not know if mined-out area right at edge of property under contract?
2:41:41 PM	Vice Chairman Cabbage - witness Jensen Note: Sacre, Candace	Parcel 6 several sinkholes, Response to Data Request 4, not part of project?
2:42:42 PM	Chairman Chandler Note: Sacre, Candace	Questions?
2:42:48 PM	Commissioner Butler - witness Jensen Note: Sacre, Candace	Examination. Parcel 6 nothing on it, change size of plan?

2:43:03 PM	Commissioner Butler - witness Jensen Note: Sacre, Candace	Percentage?
2:43:37 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Examination. PILOT agreements enter into with county for industrial revenue bonds?
2:44:01 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Does Green River Solar intend enter into agreement industrial revenue bonds either or both Meade and Breckenridge?
2:44:14 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Both or one of two counties?
2:44:23 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Intent enter into PILOT agreements with both?
2:44:37 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Decommissioning, all leases with Green River Solar or different entity?
2:45:08 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Merino Solar decommissioning and bond obligation?
2:45:26 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Know whether Green River Solar signatory to lease agreements?
2:46:01 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Member-managed LLC and Green River only member?
2:46:19 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Green River under complete control of Merino?
2:46:37 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Decommissioning and bonding obligations with Merino Solar, Merino or Green River permit holder or applicant for planning and zoning in Meade?
2:47:04 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Green River Solar entity with decommissioning obligation under Meade County process?
2:47:16 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Have to bond for decommissioning obligation to Meade?
2:47:28 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Know whether applicant plan have Green River Solar on hook for decommissioning as relates to county but Merino Solar on hook for decommissioning as to leases?
2:48:01 PM	Atty Samford Green River Solar Note: Sacre, Candace	Project purchased from Merino Solar owned by original developer, process come together, address post-hearing data request.
2:48:38 PM	Chairman Chandler Note: Sacre, Candace	Applicant not entity that has control of land, leases deal with Merino, post-hearing discovery. (Click on link for further comments.)
2:50:08 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Have knowledge whether plan to assign leases Merino has to Green River Solar?
2:51:01 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Meade County setback, SES ordinance, Level 3 SES, includes project, 50 feet from perimeter of property lines and 250 feet from residential structure, nursing home, church, school, interconnection within setback lines?
2:51:58 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Distance proposed for Breckenridge County as well?
2:52:07 PM	Chairman Chandler - witness Jensen Note: Sacre, Candace	Mitigation standard agree to abide at least small section here as relates to Breckenridge?

2:52:28 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Interconnection facilities within setback lines, aware distance proposed substation and nearest residential structure?

2:52:49 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Have copies of filing made on September 23, Staff Second Request, have available?

2:53:51 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Page 14, map includes Highway 79 shows substation in middle and proposed substation, see that?

2:54:19 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Green River substation directly below Big Rivers substation?

2:54:33 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace On Kentucky Highway 79?

2:54:38 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Home at corner Guston Road and Highway 79 shown with 250-foot buffer?

2:54:58 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Clustered with other residential structures, continues on to left?

2:55:24 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Across road is structure, see that?

2:55:43 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Post-hearing data request, identify whether structure on Highway 79 is residential and proposed distance between that home and expected substation equipment.

2:55:44 PM POST-HEARING DATA REQUEST
Note: Sacre, Candace CHAIRMAN CHANDLER - WITNESS JENSEN
Note: Sacre, Candace IDENTIFY STRUCTURE ON HIGHWAY 79 RESIDENTIAL AND PROPOSED DISTANCE TO SUBSTATION EQUIPMENT

2:56:10 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Closest residual structure identified directly to left of Big Rivers substation 250 foot proposed boundary goes around?

2:56:36 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Distance between that residence and proposed substation equipment?

2:56:37 PM POST-HEARING DATA REQUEST
Note: Sacre, Candace CHAIRMAN CHANDLER - WITNESS JENSEN
Note: Sacre, Candace IDENTIFY RESIDENCE TO LEFT OF BIG RIVERS SUBSTATION AND PROVIDE DISTANCE TO PROPOSED SUBSTATION EQUIPMENT

2:56:48 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Expectation additional conductoring Big Rivers lines required as a result of project?

2:57:21 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Single circuit, double circuit, conductoring, don't know any information yet?

2:58:16 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Green River Solar queue ID number included in record?

2:58:38 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Page 16, cemetery in middle of page, see what referring to?

2:59:01 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Aware cemetery exists?

2:59:08 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace Current access into and from that cemetery?

2:59:19 PM Chairman Chandler - witness Jensen
Note: Sacre, Candace How accessible?

2:59:35 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	Have a fence around small area of cemetery?
2:59:51 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	Private road that goes to cemetery?
3:00:03 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	Is landowner able to access cemetery?
3:00:29 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	Have to ask unlock gate and go with them to visit property?
3:00:47 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	Page 19, see top left corner, text box collection line along access road, home 250 foot buffer to right and above text box?
3:01:36 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	No proposed vegetative buffering above and to right, by design?
3:01:56 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	Couple that way tell no current vegetation between solar arrays and residences and no proposed vegetation, is this most up to date plan, responses to data requests?
3:02:56 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	Page 25, Lucas tract, top left-hand side of page, Donnie and Stacy Lucas?
3:03:18 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	See there appears little vegetation but panels 250 feet to left and right to home?
3:03:32 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	No proposed vegetative buffering?
3:03:46 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	Additional one on page 27, Squire home on hill, no buffering, and home on Webster Basin Springs Road on page 29 no current/proposed vegetative buffering, ask as post-hearing data request applicant's proposed assessment map as detailed as possible with proposed actual vegetative buffers.
3:04:47 PM	POST-HEARING DATA REQUEST	Note: Sacre, Candace	CHAIRMAN CHANDLER - WITNESS JENSEN
		Note: Sacre, Candace	DETAILED PROPOSED ASSESSMENT MAP WITH ACTUAL VEGETATIVE BUFFERS
3:05:14 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	Setbacks, propose additional or different setbacks for participating landowners different from nonparticipating?
3:05:44 PM	Chairman Chandler - witness Jensen	Note: Sacre, Candace	School in close proximity proposed and churches, construction schedules might interfere, proposed specific construction schedules to work around those specific types of entities?
3:06:43 PM	Chairman Chandler	Note: Sacre, Candace	Redirect?
3:07:01 PM	Chairman Chandler	Note: Sacre, Candace	Witness step down, stay around until end.
3:07:19 PM	Chairman Chandler	Note: Sacre, Candace	Recess until 3:20.
3:07:30 PM	Session Paused		
3:21:39 PM	Session Resumed		
3:21:53 PM	Chairman Chandler	Note: Sacre, Candace	Back on the record in Case 2020-00387.
3:21:57 PM	Chairman Chandler	Note: Sacre, Candace	Additional witnesses?

3:22:01 PM	Atty Samford Green River Solar Note: Sacre, Candace	Brian Bartels.
3:22:12 PM	Chairman Chandler Note: Sacre, Candace	Witness is sworn.
3:22:25 PM	Chairman Chandler - witness Bartels Note: Sacre, Candace	Examination. Name and address?
3:22:40 PM	Atty Samford Green River Solar - witness Bartels Note: Sacre, Candace	Direct Examination. Title and job in relation to project?
3:23:14 PM	Atty Samford Green River Solar - witness Bartels Note: Sacre, Candace	Involved in preparation of responses?
3:23:22 PM	Atty Samford Green River Solar - witness Bartels Note: Sacre, Candace	Additions corrections or changes?
3:23:31 PM	Atty Samford Green River Solar - witness Bartels Note: Sacre, Candace	Ask same questions, answers be same?
3:23:37 PM	Atty Samford Green River Solar - witness Bartels Note: Sacre, Candace	Intent have incorporated into record?
3:23:46 PM	Atty Samford Green River Solar - witness Bartels Note: Sacre, Candace	Materials have with you?
3:24:30 PM	Atty Samford Green River Solar - witness Bartels Note: Sacre, Candace	Any field surveys or reports yet to be completed?
3:24:53 PM	Atty Samford Green River Solar - witness Bartels Note: Sacre, Candace	What projects still ongoing, surveys?
3:25:19 PM	Chairman Chandler Note: Sacre, Candace	Ms. Fell?
3:25:24 PM	Staff Atty Fell PSC - witness Bartels Note: Sacre, Candace	Cross Examination. Any completed surveys been filed in case?
3:25:46 PM	Staff Atty Fell PSC - witness Bartels Note: Sacre, Candace	Any surveys fully finalized?
3:26:00 PM	Staff Atty Fell PSC - witness Bartels Note: Sacre, Candace	Present for Jensen testimony?
3:26:09 PM	Staff Atty Fell PSC - witness Bartels Note: Sacre, Candace	Questions deferred to Towery, any more along your area of expertise?
3:27:03 PM	Staff Atty Fell PSC - witness Bartels Note: Sacre, Candace	Describe pollution protection plan would detail?
3:27:23 PM	Staff Atty Fell PSC - witness Bartels Note: Sacre, Candace	When mention pollution protection plan, very broad explanation, what actually entails?
3:28:25 PM	Staff Atty Fell PSC - witness Bartels Note: Sacre, Candace	Mentioned resources on site, silt fences, sediments traps, buffer zones around sensitive resources, brief explanation of options and what best method employed around sensitive resources?
3:29:51 PM	Staff Atty Fell PSC - witness Bartels Note: Sacre, Candace	Description what silt fences entails?
3:30:35 PM	Staff Atty Fell PSC - witness Bartels Note: Sacre, Candace	Left there after construction complete?
3:30:56 PM	Chairman Chandler Note: Sacre, Candace	Questions?
3:31:04 PM	Board Member Lyons - witness Bartels Note: Sacre, Candace	Examination. Anticipate jurisdictional wetlands and/or streams in project footprint?
3:31:34 PM	Board Member Lyons - witness Bartels Note: Sacre, Candace	Disturbance of any of those?

3:31:52 PM	Board Member Lyons - witness Bartels Note: Sacre, Candace	Any identified bat hibernaculums on property?
3:32:30 PM	Board Member Lyons - witness Bartels Note: Sacre, Candace	What about summer roosting?
3:32:55 PM	Board Member Lyons - witness Bartels Note: Sacre, Candace	Those areas be disturbed?
3:33:14 PM	Board Member Lyons - witness Bartels Note: Sacre, Candace	Archeological survey, jurisdictional areas Kentucky SHPO be consulted?
3:33:49 PM	Chairman Chandler Note: Sacre, Candace	Questions?
3:33:58 PM	Board Member Lucas - witness Bartels Note: Sacre, Candace	Examination. Archeological and environmental survey, saying all eight sections approved, nothing found of concern?
3:34:33 PM	Board Member Lucas - witness Bartels Note: Sacre, Candace	SHPO should not be involved?
3:34:55 PM	Chairman Chandler Note: Sacre, Candace	Questions?
3:35:02 PM	Board Member Henderson - witness Bartels Note: Sacre, Candace	Examination. How deal with new sink holes pop up during life of project?
3:35:36 PM	Board Member Henderson - witness Bartels Note: Sacre, Candace	How deal with noxious weeds?
3:36:26 PM	Board Member Henderson - witness Bartels Note: Sacre, Candace	Grazing, goats and sheep, not possibility?
3:36:59 PM	Chairman Chandler Note: Sacre, Candace	Questions?
3:37:11 PM	Vice Chairman Cabbage - witness Bartels Note: Sacre, Candace	Examination. In process cave and portal survey, bat habitat assessment, wetland and Streams of the United States assessment, not final yet because not assessed all parcels, within current footprint everything not assessed or waiting for final site plan?
3:38:02 PM	Vice Chairman Cabbage - witness Bartels Note: Sacre, Candace	By not boots on ground, archeological survey what sometimes called desk review but not assessment on property?
3:38:33 PM	Vice Chairman Cabbage - witness Bartels Note: Sacre, Candace	Cave and portal survey, based on in-person walk?
3:38:47 PM	Vice Chairman Cabbage - witness Bartels Note: Sacre, Candace	Historical limestone quarry from 1920s, find any evidence of that in cave and portal survey?
3:39:13 PM	Vice Chairman Cabbage - witness Bartels Note: Sacre, Candace	Find any instances of disturbance along property line where active limestone quarry located?
3:39:41 PM	Chairman Chandler Note: Sacre, Candace	Questions?
3:39:48 PM	Chairman Chandler Note: Sacre, Candace	Redirect?
3:39:54 PM	Chairman Chandler Note: Sacre, Candace	Witness excused.
3:40:08 PM	Chairman Chandler Note: Sacre, Candace	Next witness?
3:40:10 PM	Atty Samford Green River Solar Note: Sacre, Candace	Matthew Towery.

3:40:15 PM	Chairman Chandler Note: Sacre, Candace	Witness is sworn.
3:40:27 PM	Chairman Chandler - witness Towery Note: Sacre, Candace	Examination. Name and address?
3:40:45 PM	Atty Samford Green River Solar - witness Towery Note: Sacre, Candace	Direct Examination. Title and explain expertise and experience with project?
3:41:15 PM	Atty Samford Green River Solar - witness Towery Note: Sacre, Candace	Cause responses be filed?
3:41:22 PM	Atty Samford Green River Solar - witness Towery Note: Sacre, Candace	Corrections changes edits?
3:41:29 PM	Atty Samford Green River Solar - witness Towery Note: Sacre, Candace	Same questions, answers be same?
3:41:35 PM	Atty Samford Green River Solar - witness Towery Note: Sacre, Candace	Intent incorporation into record?
3:41:48 PM	Atty Samford Green River Solar - witness Towery Note: Sacre, Candace	Provide list of surveys or inspections performed within your purview?
3:42:38 PM	Atty Samford Green River Solar - witness Towery Note: Sacre, Candace	Any surveys/inspections pending?
3:43:09 PM	Atty Samford Green River Solar - witness Towery Note: Sacre, Candace	When that phase kick off?
3:43:23 PM	Chairman Chandler Note: Sacre, Candace	Questions?
3:43:27 PM	Staff Atty Fell PSC - witness Towery Note: Sacre, Candace	Cross Examination. Mentioned studies regarding soil samples, desktop review, boots on ground of karst geotech consultants, reports generated as a result of studies?
3:43:55 PM	Staff Atty Fell PSC Note: Sacre, Candace	Post-hearing data request provide reports prepared by geotechnical consultants.
3:43:56 PM	POST-HEARING DATA REQUEST Note: Sacre, Candace Note: Sacre, Candace	STAFF ATTY FELL PSC - WITNESS TOWERY REPORTS OF STUDIES CONDUCTED BY GEOTECHNICAL CONSULTANT(S)
3:44:15 PM	Staff Atty Fell PSC - witness Towery Note: Sacre, Candace	Alternative racking system, ground mounting, detail for Siting Board how would work, viable option?
3:45:20 PM	Staff Atty Fell PSC - witness Towery Note: Sacre, Candace	Method produce concerns with lower clearance from ground, flooding, maintenance concerns?
3:45:59 PM	Staff Atty Fell PSC - witness Towery Note: Sacre, Candace	Remediate or build over low-risk sinkholes, explain process, any additional risk that create?
3:46:54 PM	Staff Atty Fell PSC - witness Towery Note: Sacre, Candace	Applicable to depressions, not open sinkholes?
3:47:28 PM	Staff Atty Fell PSC - witness Towery Note: Sacre, Candace	Mentioned traditional pile driving, might employ predrilling, grouting pile with hard clay/limestone bed, explanation how process work and associated risk with method?
3:48:40 PM	Staff Atty Fell PSC - witness Towery Note: Sacre, Candace	Worked on other projects high concentration karst?
3:49:14 PM	Staff Atty Fell PSC - witness Towery Note: Sacre, Candace	Siting Board requires noise suppression, experience with projects use such types of noise suppression methods?

3:50:29 PM	Chairman Chandler Note: Sacre, Candace	Questions?
3:50:39 PM	Board Member Lyons - witness Note: Sacre, Candace	Towery Examination. Dormant sinkhole, not sure how sinkhole might be dormant, actually real thing, synonymous low-risk or what?
3:51:50 PM	Board Member Lyons - witness Note: Sacre, Candace	Towery All sinkhole depressions surveyed with ground-penetrating radar?
3:52:49 PM	Chairman Chandler Note: Sacre, Candace	Questions?
3:53:10 PM	Vice Chairman Cabbage - witness Note: Sacre, Candace	Towery Examination. Geotech consultant familiar with Kentucky, who?
3:53:33 PM	Vice Chairman Cabbage - witness Note: Sacre, Candace	Towery Ground-penetrating survey, standard thing geotech consultant asked to do or is because things found on site?
3:54:24 PM	Vice Chairman Cabbage - witness Note: Sacre, Candace	Towery Doing randomized assessment across site to see if voids not visible or sinkholes already existing?
3:55:09 PM	Vice Chairman Cabbage - witness Note: Sacre, Candace	Towery Will geotech reports explain criteria for low, moderate, high risk for sinkhole?
3:55:32 PM	Vice Chairman Cabbage - witness Note: Sacre, Candace	Towery Also reverse grade filter process?
3:55:53 PM	Vice Chairman Cabbage - witness Note: Sacre, Candace	Towery Suggesting do for certain lower risk but existing depressions/sinkholes because think installation create runoff on site and create risk?
3:56:52 PM	Vice Chairman Cabbage - witness Note: Sacre, Candace	Towery Anyone coordinated with operator adjoining limestone quarry mined-out areas or where active mining occurring?
3:57:15 PM	Vice Chairman Cabbage - witness Note: Sacre, Candace	Towery Geotech people may want to consider doing that, vibration or any additional risk, coordination with them, asking for report EEC, see what's going on.
3:58:18 PM	Chairman Chandler Note: Sacre, Candace	Questions?
3:58:24 PM	Chairman Chandler Note: Sacre, Candace	Redirect?
3:58:31 PM	Chairman Chandler Note: Sacre, Candace	Witness excused.
3:58:41 PM	Chairman Chandler Note: Sacre, Candace	Additional witnesses?
3:58:47 PM	Atty Samford Green River Solar Note: Sacre, Candace	Chris Mason.
3:58:51 PM	Chairman Chandler Note: Sacre, Candace	Witness is sworn.
3:59:07 PM	Chairman Chandler - witness Note: Sacre, Candace	Mason Examination. Name and address?
3:59:28 PM	Atty Samford Green River Solar - witness Note: Sacre, Candace	Mason Direct Examination. Employer and job title?
3:59:48 PM	Atty Samford Green River Solar - witness Note: Sacre, Candace	Mason Retained assist with site assessment report?
4:00:03 PM	Atty Samford Green River Solar - witness Note: Sacre, Candace	Mason Before application filed or shortly thereafter?

4:00:15 PM Atty Samford Green River Solar - witness Mason
Note: Sacre, Candace Familiar with contents site assessment report?

4:00:22 PM Atty Samford Green River Solar - witness Mason
Note: Sacre, Candace Anything in report need be updated edited changed?

4:00:31 PM Atty Samford Green River Solar - witness Mason
Note: Sacre, Candace Intent incorporate into record?

4:00:43 PM Atty Samford Green River Solar - witness Mason
Note: Sacre, Candace Environmental assessment tendered to EEC?

4:00:56 PM Atty Samford Green River Solar - witness Mason
Note: Sacre, Candace Your firm assisted with that?

4:01:18 PM Chairman Chandler
Note: Sacre, Candace Questions?

4:02:08 PM Chairman Chandler
Note: Sacre, Candace Witness is excused.

4:02:14 PM Chairman Chandler
Note: Sacre, Candace Call next witness?

4:02:21 PM Atty Samford Green River Solar
Note: Sacre, Candace Joshua Crawford.

4:02:25 PM Chairman Chandler
Note: Sacre, Candace Witness is sworn.

4:02:41 PM Chairman Chandler - witness Crawford
Note: Sacre, Candace Examination. Name and address?

4:02:57 PM Atty Samford Green River Solar - witness Mason
Note: Sacre, Candace Direct Examination. Employer and job title?

4:03:08 PM Atty Samford Green River Solar - witness Crawford
Note: Sacre, Candace Role/connection with this project?

4:03:23 PM Atty Samford Green River Solar - witness Mason
Note: Sacre, Candace Changes corrections or additions?

4:03:29 PM Atty Samford Green River Solar - witness Mason
Note: Sacre, Candace Intent to incorporate into record?

4:03:35 PM Atty Samford Green River Solar - witness Mason
Note: Sacre, Candace Materials before you?

4:03:45 PM Chairman Chandler
Note: Sacre, Candace Questions?

4:04:02 PM Board Member Rowland - witness Crawford
Note: Sacre, Candace Examination. Page 13 of report, three long-term operational jobs average salary \$80,000, how got that figure?

4:04:53 PM Board Member Rowland - witness Crawford
Note: Sacre, Candace Addendum 2, comparisons tax revenue generated, actual taxes paid or PILOT agreements?

4:05:30 PM Chairman Chandler
Note: Sacre, Candace Questions?

4:05:44 PM Board Member Henderson - witness Crawford
Note: Sacre, Candace Examination. Landowners receive revenues, revenue loss from crop production, overall impact Meade and Breckenridge counties of installing panels?

4:07:08 PM Chairman Chandler
Note: Sacre, Candace Questions?

4:07:16 PM Chairman Chandler
Note: Sacre, Candace Redirect?

4:07:25 PM Chairman Chandler
Note: Sacre, Candace Thank Ms. Jensen for being here, may be excused.

4:07:36 PM Chairman Chandler
Note: Sacre, Candace Scheduling discussions. (Click on link for further comments.)

4:09:31 PM	Chairman Chandler Note: Sacre, Candace	Anything further?
4:09:43 PM	Chairman Chandler Note: Sacre, Candace	Hearing adjourned.
4:09:53 PM	Session Ended	

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