

COMMONWEALTH OF KENTUCKY
BEFORE THE KENTUCKY STATE BOARD ON
ELECTRIC GENERATION AND TRANSMISSION SITING

In the Matter of:

ELECTRONIC APPLICATION OF STMO BN, LLC	)	
(STARFIRE) FOR A CERTIFICATE OF	)	
CONSTRUCTION FOR AN APPROXIMATELY	)	
200 MEGAWATT MERCHANT SOLAR ELECTRIC	)	Case No. 2026-00180
GENERATING FACILITY AND NONREGULATED	)	
ELECTRIC TRANSMISSION LINE IN KNOTT AND	)	
PERRY COUNTIES, KENTUCKY PURSUANT TO	)	
KRS 278.700 AND 807 KAR 5:110	)	

APPLICATION FOR CERTIFICATE OF CONSTRUCTION

STMO Bn, LLC (the “Applicant” or “Starfire”) files this application requesting from the Kentucky State Board on Electric Generation and Transmission Siting (the “Siting Board” or “Board”) a certificate of construction for an approximately 200 megawatt (MW) merchant electric solar generating facility and a nonregulated electric transmission line pursuant to KRS 278.704 and 278.714 (the “Application”). The proposed facility and transmission line will be located within the counties of Knott and Perry, Kentucky.

In support of this Application, the Applicant submits Exhibits A-K to assist the Board and interested persons in locating information required by various statutes and regulations. The Applicant also submits herewith the Table of Contents required by 807 KAR 5:110 §3(2)(b) and an Indexes of Regulation Requirements, which lists the requirements for a generation application and nonregulated transmission line application, and the principal place(s) within the Application where those requirements are met. The facts on which the Application is based are contained in the concurrently filed exhibits, reports, and the statements further made by the Applicant as follows:

I. Applicant Information

1. Pursuant to KRS 278.706(2)(a) and 278.714(2)(a), the name, address, and telephone number of the person proposing to construct and own the merchant electric generating facility and nonregulated electric transmission line is as follows: STMO Bn, LLC; 515 N Flagler Dr. Suite 250, West Palm Beach, FL, 33401; 859-380-7781. Communications to Starfire regarding this Application and Board proceeding should be directed to the undersigned attorneys of record.

2. Pursuant to 807 KAR 5:100, Sections 1 and 2, and the Board's Acknowledgement Letter filed August 13, 2026, the necessary filing fee has been delivered to and accepted by the Board.

II. Description of Proposed Site

3. The proposed Starfire II project (the "Project" or "Starfire II") is a 200 MW solar facility in unincorporated Knott and Perry Counties, Kentucky. The facility will consist of photovoltaic (PV) panel arrays, electrical collection lines, inverters, access roads, a battery energy storage system, an operations and maintenance building, temporary laydown yards, perimeter fencing, substation, and switchyard, along with the proposed transmission line. The facility's PV solar modules will convert sunlight into direct current (DC) electricity, which is then converted to alternating current (AC) electricity through inverters. Transformers will then step up AC electricity to a higher voltage so that it can connect to the regional transmission grid.

4. Pursuant to KRS 278.706(2)(b), the proposed Project will be located on approximately 1,500 acres of a former coal mine site roughly six miles east of Wendell H. Ford Airport near the community of Talcum, Kentucky. The Project footprint is generally the area within the fence line where Project infrastructure will be located and is approximately 1,273 acres. Much of the surrounding property is wooded and undeveloped. The Project is north of Kentucky Route 80 with site access from Routes 476 and 1087. Exhibit A is a map showing the distance of the proposed

site from residential neighborhoods, the nearest residential structures, schools, and public and private parks located within a two (2) mile radius of the Project. There are no schools or public or private parks within this 2-mile radius. Due to the Project's location on top of a reclaimed coal mine, the site is not visible from any existing surrounding residences.

5. Project components will include solar panels, racking, inverters, transformers, a substation, and associated collection lines. Panels will move to track the sun over the course of the day. The Project will utilize an underground or overhead collection system to convey electricity from the solar array field to the substation. The Project will also include the following: an operations and maintenance ("O&M") building, parking area, and other associated facilities such as security gates and signage. During construction, the Project will include temporary facilities that may include construction mobilization and laydown areas for construction trailers, construction workforce parking, above ground water and fuel tanks, materials receiving, and materials storage.

6. The Project will include approximately 65,000 linear feet of internal private access roads within the facility, which will be constructed of gravel. These roads will be approximately sixteen feet in width and will be accessed via twenty access points around the site. The Project solar arrays will be secured with 138,648 linear feet of perimeter wildlife-friendly fence, which will be gated for equipment security and public safety. The Project will utilize construction best management practices to minimize soil erosion and removal of native soil to the extent possible. Clearing and grubbing will occur where necessary. Grading may be required to level rough or undulating areas of the site and to prepare soils for concrete foundations for substation equipment and inverters. Access roads will also be grubbed, graded, and compacted.

7. Approximately 55 inverters will be installed throughout the Project to convert the DC power from the DC collection system to AC power. The AC collection system will be comprised

of medium voltage (MV) cable that will transfer electricity to the Project substation. Underground segments of the collection system will be buried a minimum of two feet below grade; overhead portions of the collection system will not exceed a maximum height of 45 feet above grade. Collection cables are congregated into common trenches and run adjacent to one another. All electrical inverters and medium voltage transformers will be placed on concrete foundations or steel piles.

8. The Project will utilize the same substation which was permitted in Siting Board Case No. 2024-0255 as part of Starfire I. Concrete pads will be constructed as foundations for substation equipment, and the remaining area will be graveled. A fence meeting the National Electric Safety Code (NESC) requirements, typically a seven-foot chain link fence with three strings of barbed wire at the top, will enclose the Project's substation.

9. Pursuant to KRS 278.714(2)(b), the Project includes a 138 kV nonregulated electric transmission line. The transmission line will be maintained within a proposed 200-foot right-of-way as shown on Exhibit B. It is anticipated that the transmission line poles will consist of lattice towers and steel monopole structures up to one hundred twenty (120) feet tall. Exhibit B also shows the existing property lines and the names of persons who own the property over which the line will cross; these are all participating landowners. The Project's generation equipment will connect to the Project's substation via underground electrical wiring. Exhibit C is a map that shows the distance of the proposed line from residential neighborhoods, schools, and public and private parks within one (1) mile of the proposed facilities. There are no schools, and public and private parks within one (1) mile of the proposed facilities. The line will run from the onsite substation to the existing 138 kV Harbert Substation, owned and operated by Kentucky Power (AEP).

10. Pursuant to KRS 278.714(2)(c), The overall length total for the transmission line will be 24,502 feet (or 4.64 miles). The approximate locations of the terminal points are as follows:

Structure	Terminal Points
Exiting Substation	37°24'17.07" N 83°06'50.5" W
Existing POI	37°26'21.4"N 83°02'42.4"W

The nonregulated electric transmission line will be interconnected to the existing substation via a 138 kV circuit breaker.

11. Pursuant to KRS 278.714(2)(d), the transmission line and appurtenances will be constructed and maintained in accordance with accepted engineering practices and the National Electric Safety Code.

III. Public Notice of Application

12. Pursuant to KRS 278.706(2)(c) and KRS 278.714(2)(e), notice of the pending Application was provided to landowners whose property borders the proposed site and to the general public via publication in newspapers of general circulation in Perry and Knott Counties within thirty (30) days immediately preceding the filing of this Application. The notice was mailed to each adjoining landowner on August 18, 2026 by U.S. Certified Mail; see Exhibit D for the form letter, distribution list, and tracking numbers for each mailer. Public notice of the pending application was published in the local Perry County newspaper Hazard Herald on August 12, 2026, and in the local Knott County newspaper Troublesome Creek Times on August 13, 2026. Proof of public notice is provided in Exhibit D.

IV. Compliance with Local Ordinance and Regulations

13. Pursuant to KRS 278.706(2)(d), the Applicant has provided its statement of compliance regarding applicable planning and zoning ordinances, attached hereto as Exhibit E. The Project is located entirely within unincorporated Knott and Perry Counties, which do not have planning and zoning commissions. There are no local planning and zoning ordinances nor any local ordinances or regulations concerning noise control applicable to the Project.

V. Setback Requirements

14. Pursuant to KRS 278.706(2)(e), the Project is not located on the site of a former coal processing plant, will not use any onsite waste coal as a fuel source, and will not include any exhaust stacks or wind turbines as part of the facility. The Project site does not have any existing electricity generating facilities. Neither Knott County nor Perry County have established any setbacks pursuant to KRS 278.704(3) which would apply to the proposed Project. There are no schools, hospitals, or nursing home facilities located within 2,000 feet of the Project's proposed structures or facilities used for generation of electricity. Applicant plans to seek a deviation from setbacks to residential neighborhoods pursuant to KRS 278.704(4), which will be addressed in a forthcoming motion. Other setbacks of note for the Project, which are standalone and not subject to the explicit requirements of KRS 278.704(2), are as follows in Table V-1. These are also demonstrated in Project mapping:

Table V-1. Project Setbacks

Constraint	Distance (feet)
Non-Participating Residence to Fence Line	807
Non-Participating Residence to PV Array	884
Non-Participating Residence to Inverter	1,451
Non-Participating Residence to Substation	7,245

VI. Public Involvement Report

15. Pursuant to KRS 278.706(2)(f), the Applicant has made a substantial effort to engage the public in numerous ways regarding the Project. Applicant's public involvement efforts have included in-person public information meetings, individual meetings with local landowners, numerous meetings with local officials, and the creation of an official Project website. See Exhibit F. The website is <https://brightnightpower.com/starfire-project/> and contains information about the Project and provides an email and telephone number for feedback. In all communications, Starfire has endeavored to be transparent regarding the specifics of the proposed Project.

16. As part of the Application process, public information meetings were held in each of the counties in which the Project is located. On May 14, 2026, the Perry County public information meeting was held at the Hampton Inn and Suites meeting room in Hazard, Kentucky. Also on May 14, 2026, the Knott County public information meeting was held at the Knott County Fiscal Court Room. Public notice was published for these meetings in the Hazard Herald on April 29, 2026 and the Troublesome Creek Times on April 30, 2026. See Exhibit F for newspaper notices. Additionally, notices were mailed to the Project's adjacent landowners on April 30, 2026 and a representative notice letter is included in Exhibit F.

17. During the May 14, 2026 public meetings, attendees were encouraged to view available informational materials, submit comments, and ask questions regarding the Project. Project representatives present included members of the development, permitting, engineering, and construction departments. Informational boards with Project information were available for review, with subject matter experts present at each station to answer questions and receive feedback. Meeting photos and presentation boards are included in Exhibit F.

18. Approximately 15 individuals attended the May 14th public information meetings, with most of these at the Perry County meeting. Attendees sought information regarding job creation, impacts to wildlife, and site maintenance. Most attendees voiced their support for the Project and no concerns were raised that required subsequent attention by Project representatives.

19. Representatives of the Project have also met with the respective Knott and Perry County Judge/Executives to discuss opportunities for economic development as well as ways the Project could invest in the communities and provide support for local business growth.

20. Project representatives are also engaging with landowners and local sheep grazers to consider introducing sheep grazing within the Project area as part of Project planning and design in a practice known as agrivoltaics.

21. Representatives of the Project also met with Starfire Community Coalition on August 19, 2026 to discuss community priorities related to the BrightNight Community Fund, workforce development, prioritization of local hiring solar grazing, local educational engagement, and ongoing engagement.

VII. Efforts to Locate Near Existing Electric Generation

22. Consistent with KRS 278.706(2)(g), the Applicant made efforts to locate the Project on a site with or near existing electric generating facilities. No existing electric generating facilities are (or have been) located on the proposed site for the solar generating facility. For solar projects like Starfire 2, key factors for site selection are favorable geography, willing landowner participation, and access to existing substations with available capacity or transmission lines with available capacity for additional power injection rights. The transmission system in the area is currently owned and maintained by Kentucky Power, within the PJM Interconnection, LLC (PJM) regional transmission organization footprint. Applicant selected a location in proximity to the existing 138

kV Harbert substation. The capacity of the nearby transmission line and anticipated costs of upgrades to accommodate a new interconnection at the POI were evaluated, and it was determined that a 200 MW project was viable in the general area of the proposed facility.

23. The onsite Project substation will connect to the existing electric grid via an approximately 24,502-foot (4.64-mile) nonregulated electric transmission line to be constructed between the Project and the existing 138 kV Harbert Substation. Information on interconnection cost and infrastructure is included in PJM's System Impact Study Report and Facility Study Report, enclosed as Exhibit G.

VIII. Proof of Service to County and Municipality Officials

24. Pursuant to KRS 278.706(2)(h) and KRS 278.714(2)(f), copies of this Application were hand delivered in person to Perry County Judge/Executive Scott Alexander and Knott County Judge/Executive Jeff Dobson on August 25, 2026. Proof of service is included as Exhibit H.

IX. Effect on Kentucky Electricity Generation System

25. Pursuant to KRS 278.706(2)(i), the Project's proposed point of interconnection at the existing Harbert station allows the Project to interconnect at the preferred voltage. The Project initiated a queue position with PJM and was assigned the queue number AH1-617. To date, PJM has completed a System Impact Study Report and a Facility Study Report for the facility interconnection. These are attached as Exhibit G.

X. Effect on Local and Regional Economies

26. Pursuant to KRS 278.706(2)(j), an Economic Impact Study was completed for the Project and is included as Exhibit I. As the study demonstrates, the Project will create job opportunities in the local area during both the short-term construction phase and the long-term operational phase. In addition to the workers directly involved in the construction and operations of the Project,

additional jobs are supported through indirect supply chain purchases and the higher spending that is induced by these workers. The Project will strengthen the local tax base and help improve county services and local infrastructure such as public roads.

27. The Economic Impact Study indicates that the proposed Project would make significant economic contributions to Perry and Knott Counties during both construction and operation phases and furthermore would have a significantly greater fiscal impact than the current use of the property. Construction of the Project would provide a pulse of economic activity to the Counties that would support an estimated \$56.6 million in regional economic output and \$2.5 million in state and local tax revenue. Then, the operational phase of the Project would support an estimated \$4.4 million in regional economic output.

28. The Applicant retained Kirkland Appraisals, LLC to prepare a Property Value Impact Study which is enclosed as SAR Attachment 2. This study shows no impact on home values due to abutting or adjoining a solar farm, as well as no impact to abutting or adjacent vacant residential or agricultural land where the solar farm is properly screened and buffered.

XI. Record of Environmental Violations

29. Pursuant to KRS 278.706(2)(k), neither the Applicant, nor any entity with ownership interest in the Project, has violated any state or federal environmental laws or regulations. There are no pending actions, judicial or administrative, against the Applicant nor any entity with ownership interest in the Project.

XII. Site Assessment Report

30. Pursuant to KRS 278.706(2)(l), the site assessment report is being contemporaneously filed herewith as Exhibit J, Attachments 1-6.

XIII. Decommissioning

31. Pursuant to KRS 278.706(2)(m), the decommissioning plan is being contemporaneously filed herewith as Exhibit K.

32. Pursuant to KRS 278.706(2)(m)(1), the decommissioning plan outlines removal of all the Project's above-ground facilities unless otherwise requested by the current owner at the time of decommissioning. *Id.*

33. Pursuant to KRS 278.706(2)(m)(2), the decommissioning plan outlines the removal of the Project's underground facilities regardless of depth, unless otherwise requested by the current landowner at the time of decommissioning. *Id.*

34. Pursuant to KRS 278.706(2)(m)(3), the land will be restored to a substantially similar state as it was prior to commencement of construction of the Project. *Id.*

35. Pursuant to KRS 278.706(2)(m)(4), the Project's substation will remain in place for future use unless otherwise requested by the current owner at the time of decommissioning. *Id.*

36. Pursuant to KRS 278.706(2)(m)(5), Applicant will secure a decommissioning bond or similar security to assure financial performance of its decommissioning obligations. The amount of the proposed bond shall be the net present value of the total estimated cost of completing the decommissioning plan. For lands leased by the Applicant, the bond or similar security will name the landowner and Energy and Environment Cabinet ("Cabinet") as co-beneficiaries, with Perry and Knott Counties named as secondary beneficiaries once consent is secured. For land owned by the Applicant, the bond or similar security will name the Cabinet as the primary beneficiary. The bond or similar security will be provided by an insurance company or surety that shall maintain at all times at least an "Excellent" rating as measured by the AM Best rating agency or an investment grade credit rating by any national credit rating agency, and, if available, shall be non-cancelable

by the provider or customer until the completion of the decommissioning plan or until a replacement bond is secured. *Id.*

37. Pursuant to KRS 278.706(2)(m)(6), Applicant will communicate with each affected landowner at the end of the Project's useful life so that any requests of the landowner for the decommissioning phase in addition to minimal requirements under KRS 278.706(2)(m) or those specified in the individual lease may, in the sole discretion of the Applicant or its successor or assign, be accommodated. *Id.*

38. Pursuant to KRS 278.706(2)(m)(7), the Project's lease agreements shall be amended to incorporate the requirements of 278.706(2)(m)(1)-(6) therein.

WHEREFORE, the Applicant respectfully requests that the Board issue a final Order regarding this Application: 1) approving a KRS 278.704 certificate of construction for the proposed solar merchant generating facility; 2) approving a KRS 278.714 certificate of construction for the proposed nonregulated electric transmission line, and 3) granting all other relief to which Applicant may be entitled.

Dated this 25th day of August 2026.

Respectfully submitted,

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Statutory/Regulation Requirements
Merchant Electric Generation Facility Certificate

KRS 278.	Description	Filing
<u>278.706(2)(a)</u>	The name, address, and telephone number of the person proposing to construct and own the merchant electric generating facility;	App. ¶1
<u>(2)(b)</u>	A full description of the proposed site, including a map showing the distance of the proposed site from residential neighborhoods, the nearest residential structures, schools, and public and private parks that are located within a two (2) mile radius of the proposed facility;	App. ¶¶3-8; Exh. A
<u>(2)(c)</u>	Evidence of public notice that shall include the location of the proposed site and a general description of the project, state that the proposed line is subject to approval by the board, and provide the telephone number and address of the Public Service Commission. Public notice shall be given within thirty (30) days immediately preceding the application filing to: 1. Landowners whose property borders the proposed site; and 2. The general public in a newspaper of general circulation in the county or municipality in which the facility is proposed to be located.	App. ¶12; Exh. D
<u>(2)(d)</u>	A statement certifying that the proposed plant will be in compliance with all local ordinances and regulations concerning noise control and with any local planning and zoning ordinances. The statement shall also disclose setback requirements established by the planning and zoning commission as provided under KRS 278.704(3);	App. ¶13; Exh. E
<u>(2)(e) [1st]</u>	If the facility is not proposed to be located on a site ... in an area where a planning and zoning commission has established a setback requirement pursuant to KRS 278.704(3), a statement that...all proposed structures or facilities used for generation of electricity are two thousand (2,000) feet from any residential neighborhood, school, hospital, or nursing home facility...	App. ¶14; Exh. A

<u>(2)(e) [2nd]</u>	If the facility is proposed to be located on a site of a former coal processing plant and the facility will use on-site waste coal as a fuel source, a statement that the proposed site is compatible with the setback requirements provided under KRS 278.704(5).	App. ¶14
<u>(2)(e) [3rd]</u>	If the facility is proposed to be located in a jurisdiction that has established setback requirements pursuant to KRS 278.704(3), a statement that the proposed site is in compliance with those established setback requirements;	App. ¶14; Exh. A
<u>(2)(f)(1)</u>	A complete report of the applicant's public involvement program activities undertaken prior to the filing of the application, including: The scheduling and conducting of a public meeting in the county or counties in which the proposed facility will be constructed at least ninety (90) days prior to the filing of an application, for the purpose of informing the public of the project being considered and receiving comment on it.	App. ¶¶15-21; Exh. F
<u>(2)(f)(2)</u>	Evidence that notice of the time, subject, and location of the meeting was published in the newspaper of general circulation in the county, and that individual notice was mailed to all owners of property adjoining the proposed project at least two (2) weeks prior to the meeting.	App. ¶¶15-21; Exh. F
<u>(2)(f)(3)</u>	Any use of media coverage, direct mailing, fliers, newsletters, additional public meetings, establishment of a community advisory group, and any other efforts to obtain local involvement in the siting process.	App. ¶¶15-21; Exh. F
<u>(2)(g)</u>	A summary of the efforts made by the applicant to locate the proposed facility on a site where existing electric generating facilities are located.	App. ¶¶22-23; Exh. G
<u>(2)(h)</u>	Proof of service of a copy of the application upon the chief executive officer of each county and municipal corporation in which the proposed line is to be located, and upon the chief officer of each public agency charged with the duty of planning land use in the general area in which the line is proposed to be located.	App. ¶24; Exh. H
<u>(2)(i)</u>	An analysis of the proposed facility's projected effect on the electricity transmission system in Kentucky.	App. ¶25; Exh. G

<u>(2)(i)</u>	An analysis of the proposed facility's economic impact on the affected region and the state.	App. ¶¶26-28; Exh. I
<u>(2)(k)</u>	A detailed listing of all violations by it, or any person with an ownership interest, of federal or state environmental laws, rules, or administrative regulations, whether judicial or administrative, where violations have resulted in criminal convictions or civil or administrative fines exceeding five thousand dollars (\$5,000). The status of any pending action, whether judicial or administrative, shall also be submitted.	App. ¶29
<u>(2)(l)</u>	A site assessment report as specified in KRS 278.708.	App. ¶30; Exh. J
<u>278.706(2)(m)</u>	A decommissioning plan as specified in KRS 278.706(2)(m)(1) – (7).	App. ¶¶31-38; Exh. K
<u>(2)(m)(1)</u>	Unless otherwise requested by the current landowner at the time of decommissioning, remove all above-ground facilities;	App. ¶32; Exh. K
<u>(2)(m)(2)</u>	Unless otherwise requested by the current landowner at the time of decommissioning, remove any underground components and foundations of above-ground facilities. Facilities removed under this subparagraph shall be removed in their entirety, unless the current landowner and the applicant otherwise agree at the time of decommissioning to a different depth;	App. ¶33; Exh. K
<u>(2)(m)(3)</u>	Return the land to a substantially similar state as it was prior to the commencement of construction;	App. ¶34; Exh. K
<u>(2)(m)(4)</u>	Unless otherwise requested by the current landowner at the time of decommissioning, leave any interconnection or other facilities in place for future use at the completion of the decommissioning process;	App. ¶35; Exh. K
<u>(2)(m)(5)</u>	Secure a bond or other similar security for the project to assure financial performance of the decommissioning obligation, provided that:	App. ¶36; Exh. K
<u>(2)(m)(5)(a)</u>	The amount of the proposed bond or similar security shall be determined by an independent, licensed engineer who is experienced in the decommissioning of solar electric generating facilities and has no financial interest in either the merchant electric generating facility or any parcel of	App. ¶36; Exh. K

	land upon which the merchant electric generating facility is located. The proposed amount of the bond or similar security shall be either: The net present value of the total estimated cost of completing the decommissioning plan; or The bond amount required by a county or municipal government that has established a decommissioning bond requirement or similar security obligation in the county or municipality where the merchant electric generating facility will be located. If the facility will be located in more than one (1) county or municipality that has established a decommissioning bond or similar security obligation, then the higher amount shall be required for the facility;	
<u>(2)(m)(5)(b)</u>	The bond or other similar security names: For property that is leased by the applicant, each landowner from whom the applicant leases land and the Energy and Environment Cabinet as the primary co-beneficiaries; or For property that is owned by the applicant, the Energy and Environment Cabinet as the primary beneficiary;	App. ¶36; Exh. K
<u>(2)(m)(5)(c)</u>	If the merchant electric generating facility is to be located in a county or municipality that has not established a decommissioning bond or other similar security obligation, the bond or other similar security shall name the county or municipality as a secondary beneficiary with the county's or municipality's consent;	App. ¶36; Exh. K
<u>(2)(m)(5)(d)</u>	The bond or other similar security shall be provided by an insurance company or surety that shall at all times maintain at least an "Excellent" rating as measured by the AM Best rating agency or an investment grade credit rating by any national credit rating agency and, if available, shall be noncancelable by the provider or the customer until completion of the decommissioning plan or until a replacement bond is secured; and	App. ¶36 Exh. K

<u>(2)(m)(5)(e)</u>	The bond or other similar security shall provide that at least thirty (30) days prior to its cancellation or lapse, the surety shall notify the applicant, its successor or assign, each landowner, the Energy and Environment Cabinet, and each county or city in which the facility is located of the impending cancellation or lapse. The notice shall specify the reason for the cancellation or lapse and provide any of the parties, either jointly or separately, the opportunity to cure the cancellation or lapse prior to it becoming effective. The applicant, its successor, or its assign, shall be responsible for all costs incurred by all parties to cure the cancellation or lapse of the bond. Each landowner, or the Energy and Environment Cabinet with the prior approval of each landowner, may make a demand on the bond and initiate and complete the decommissioning plan;	App. ¶36 Exh. K
<u>(2)(m)(6)</u>	Communicate with each affected landowner at the end of the merchant electric generating facility's useful life so that any requests of the landowner that are in addition to the minimum requirements set forth in this paragraph and in addition to any other requirements specified in the lease with the landowner may, in the sole discretion of the applicant or its successor or assign, be accommodated; and	App. ¶37; Exh. K
<u>(2)(m)(7)</u>	Incorporate the requirements of paragraphs 1. to 6. of this subsection into the applicant's leases with landowners[.]	App. ¶38; Exh. K
<u>278.704(2)</u>	Except as provided [by locally-established setback requirements or through a deviation granted pursuant to KRS 278.704(4)] ... all proposed structures or facilities used for generation of electricity are two thousand (2,000) feet from any residential neighborhood, school, hospital, or nursing home facility.	App. ¶14
<u>.704(3)(a)</u>	If the merchant electric generating facility is proposed to be located in a county or a municipality with planning and zoning, then maximum height, decommissioning, and setback requirements from a property boundary, residential neighborhood, school, hospital, or nursing home facility may be established by the planning and zoning commission. Any decommissioning requirement, maximum height limitation, or setback established by a	App. ¶14

	planning and zoning commission for a facility in an area over which it has jurisdiction shall: Except with regard to the minimum decommission bonding amount required in KRS 278.706(2)(m)5.a., have primacy over the decommissioning requirements in KRS 278.706(2)(m), the maximum height limitation in subsection (2)(a)3. of this section, and the setback requirement in subsections (2) and (5) of this section; and	
<u>.704(3)(b)</u>	Not be subject to modification or waiver by the board through a request for deviation by the applicant, as provided in subsection (4) of this section or otherwise.	App. ¶14
<u>278.708(1)</u>	A site assessment report ... as required under KRS 278.706(2)(1)	App. Exh. J
<u>(2)</u>	A site assessment report ... prepared by the applicant or its designee.	App. Exh. J
<u>.708(3)(a)</u>	A description of the proposed facility that shall include a proposed site development plan that describes:	SAR ¶¶ 1-12; Att. 1-3
<u>(3)(a)(1)</u>	Surrounding land uses for residential, commercial, agricultural, and recreational purposes;	SAR ¶2; Att. 2
<u>(3)(a)(2)</u>	The legal boundaries of the proposed site;	SAR ¶3; Att. 3
<u>(3)(a)(3)</u>	Proposed access control to the site;	SAR ¶¶4-6; Att. 1
<u>(3)(a)(4)</u>	The location of facility buildings, transmission lines, and other structures;	SAR ¶5; Att. 1
<u>(3)(a)(5)</u>	Location and use of access ways, internal roads, and railways;	SAR ¶6; Att. 1
<u>(3)(a)(6)</u>	Existing or proposed utilities to service the facility;	SAR ¶7
<u>(3)(a)(7)</u>	Compliance with applicable setback requirements as provided under KRS 278.704(2), (3), (4), or (5); and	SAR ¶¶8-9
<u>(3)(a)(8)</u>	Evaluation of the noise levels expected to be produced by the facility.	SAR ¶¶10-12; Att. 4

<u>(3)(b)</u>	An evaluation of the compatibility of the facility with scenic surroundings;	SAR ¶¶13-17; Att. 5
<u>(3)(c)</u>	The potential changes in property values and land use resulting from the siting, construction, and operation of the proposed facility for property owners adjacent to the facility;	SAR ¶18; Att. 2
<u>(3)(d)</u>	Evaluation of anticipated peak and average noise levels associated with the facility's construction and operation at the property boundary; and	SAR ¶¶19-20; Att. 4
<u>(3)(e)</u>	The impact of the facility's operation on road and rail traffic to and within the facility, including anticipated levels of fugitive dust created by the traffic and any anticipated degradation of roads and lands in the vicinity of the facility.	SAR ¶¶21-23; Att. 6
<u>(4)</u>	The site assessment report shall also suggest any mitigating measures to be implemented by the applicant to minimize or avoid adverse effects identified in the site assessment report.	SAR ¶¶24-30

Statutory/Regulation Requirements
Nonregulated Electric Transmission Line Certificate

KRS 278.714	Description	Filing
<u>(2)(a)</u>	The name, address, and telephone number of the person proposing construction of the nonregulated electric transmission line or the carbon dioxide transmission pipeline.	App. ¶1
<u>(2)(b)</u>	A full description of the proposed route of the electric transmission line or the carbon dioxide transmission pipeline and its appurtenances. The description shall include a map or maps showing: 1. The location of the proposed line or pipeline and all proposed structures that will support it; 2. The proposed right-of-way limits; 3. Existing property lines and the names of persons who own the property over which the line or pipeline will cross; and 4. The distance of the proposed electric transmission line from residential neighborhoods, schools, and public and private parks within one (1) mile of the proposed facilities.	App. ¶¶5, 9; Exh. B, C
<u>(2)(c)</u>	With respect to electric transmission lines, a full description of the proposed line and appurtenances, including the following: 1. Initial and design voltages and capacities; 2. Length of line; 3. Terminal points; and 4. Substation connections.	App. ¶10; Exh. B, C
<u>(2)(d)</u>	A statement that the proposed electric transmission line and appurtenances will be constructed and maintained in accordance with accepted engineering practices and the National Electric Safety Code.	App. ¶11
<u>(2)(e)</u>	Evidence that public notice has been given by publication in a newspaper of general circulation in the general area concerned. Public notice shall include the location of the proposed electric transmission line or carbon dioxide pipeline, shall state that the proposed line or pipeline is subject to approval by the board, and shall provide the telephone number and address of the Public Service Commission.	App. ¶12; Exh. D
<u>(2)(f)</u>	Proof of service of a copy of the application upon the chief executive officer of each county and municipal corporation in which the proposed electric transmission line or carbon dioxide transmission pipeline is to be located, and upon the chief officer of each public agency charged with the duty of planning land use in the general area in which the line or pipeline is proposed to be located.	App. ¶24; Exh. H

Exhibit A

Starfire Phase II Solar Knott and Perry Counties, KY

Sensitive Receptors and Residential Neighborhoods Map

LEGEND

-  Proposed Project Area
-  Proposed Limits of Disturbance (LOD)
-  2-mile Buffer
-  2,000-foot Buffer
-  Residential Neighborhood
-  Residence within Neighborhood
-  Residence
-  State Owned Management Land
-  Elk Regulated Area

Notes:

1. The State Owned Management Lands and Elk Regulated Areas identified within the 2-Mile buffer are not recreational parks.
2. The Elk Regulated Areas are managed by the Kentucky Department of Fish and Wildlife Resources.
3. No public or private parks, schools, hospitals, or nursing homes are located within 2-miles of the Project.

Data Sources:

ESRI Aerial Imagery 2024, USGS PADUS 2025,
USGS National Map, KDFWR 2026

Prepared for: STMO Bn, LLC

Prepared by: Tetra Tech GIS Team (JH)

Updated: 8/14/2026



Spatial Reference
NAD 1983 StatePlane Kentucky South FIPS 1602 Feet

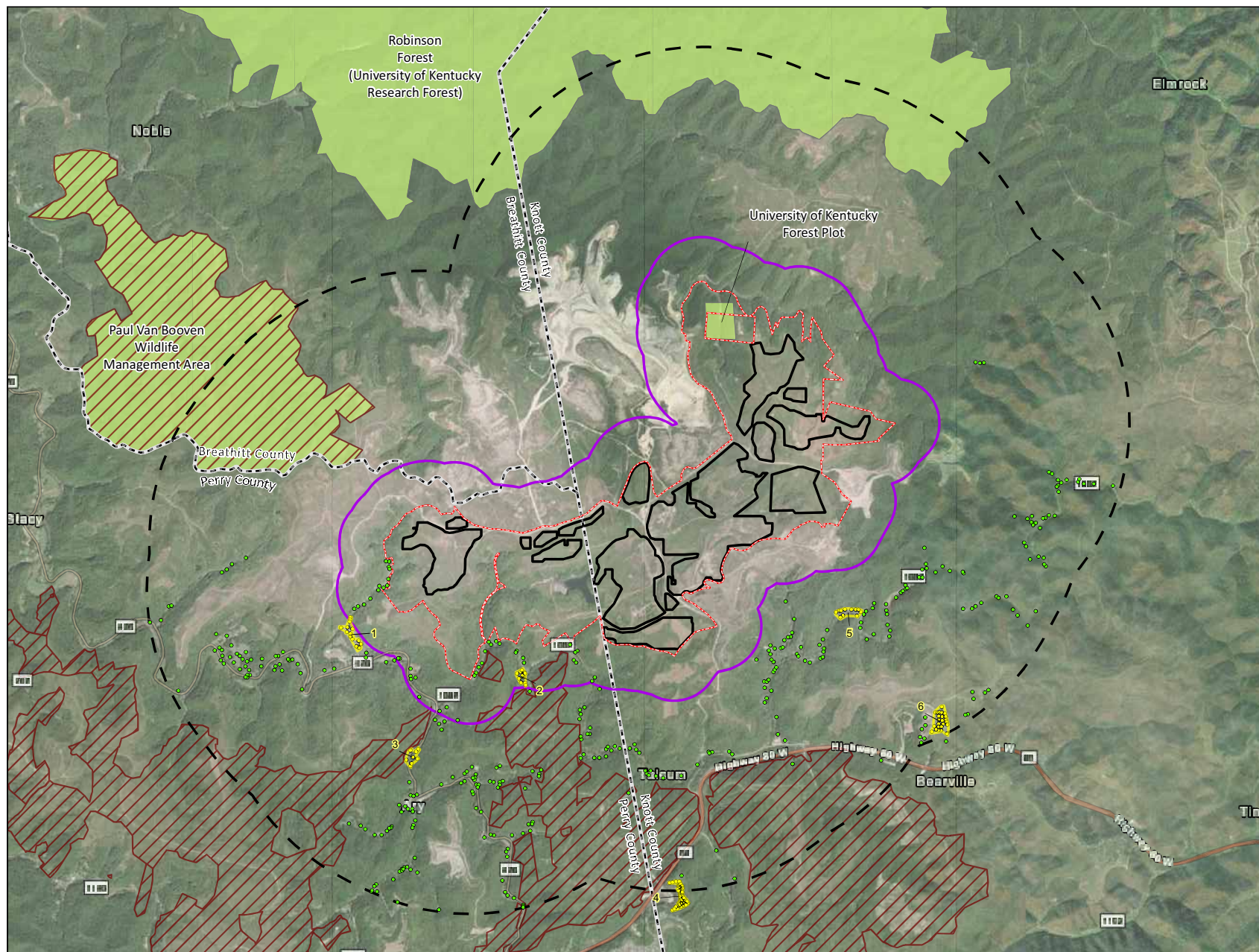
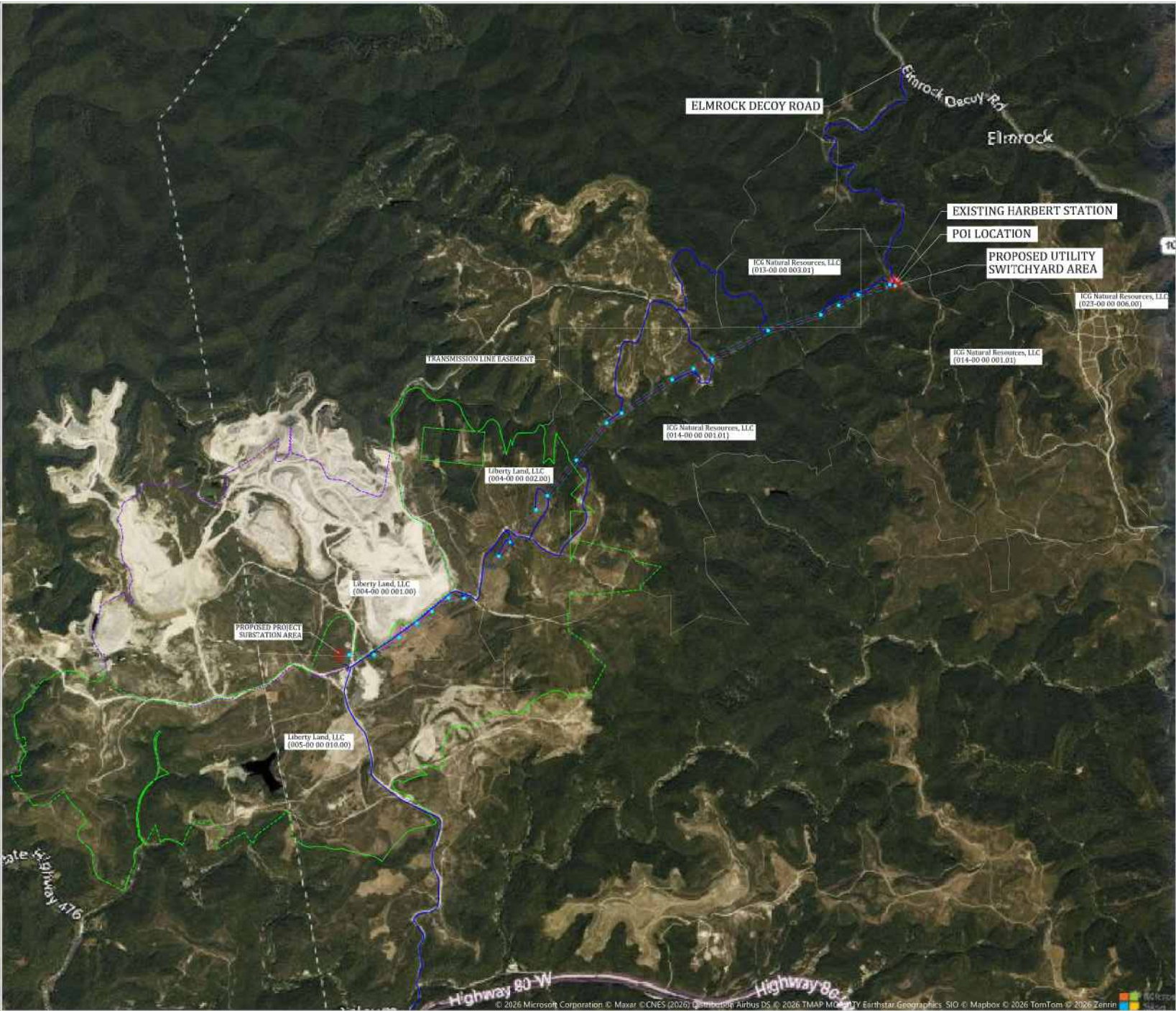
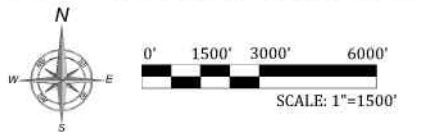


Exhibit B



NOT FOR CONSTRUCTION



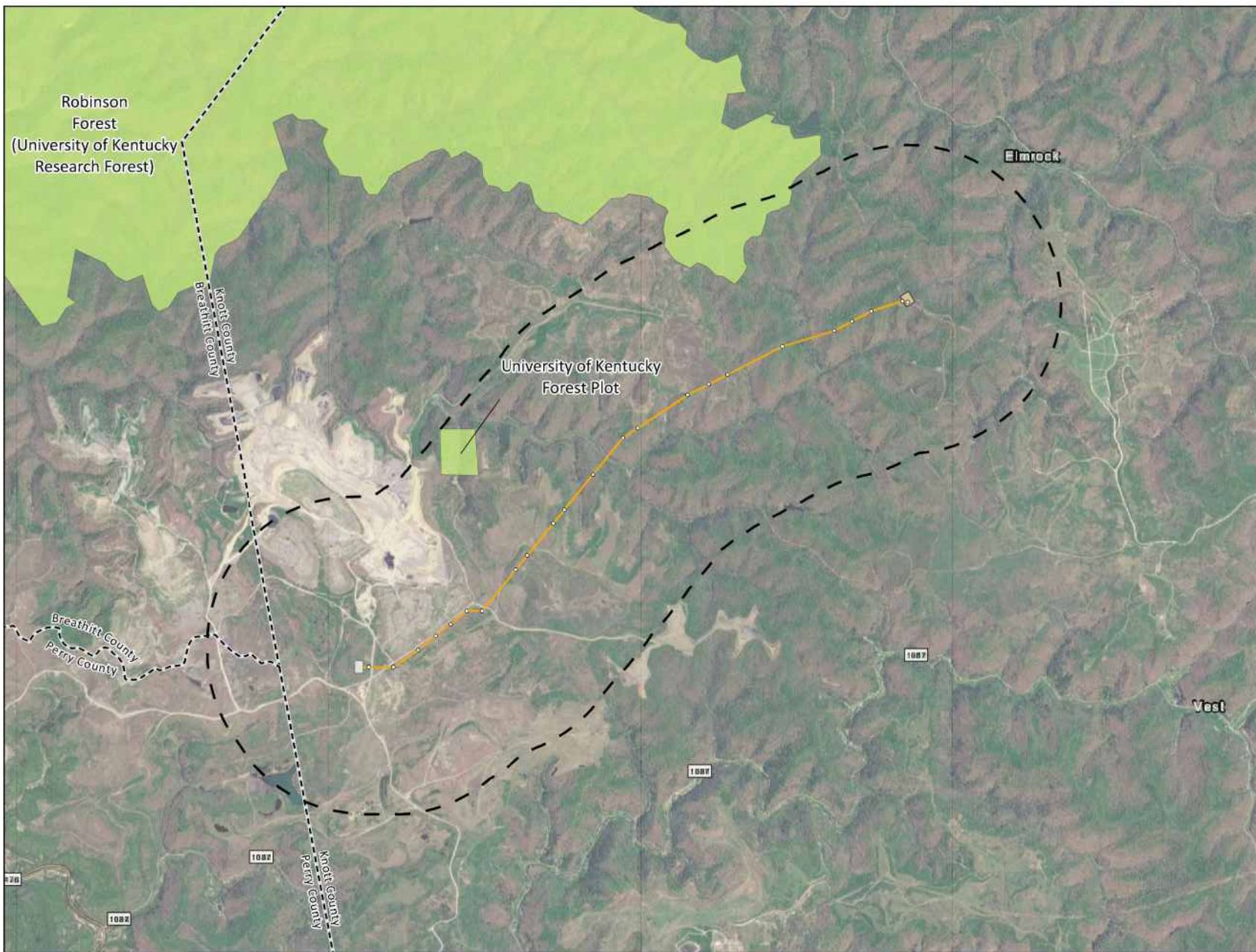
LEGEND:-	
SYMBOL	DESCRIPTION
----	PV SITE BOUNDARY (PHASE-I)
----	PV SITE BOUNDARY (PHASE-II)
●	TRANSMISSION STRUCTURE
---	TRANSMISSION LINE (PROPOSED 138KV LINE ROUTE)
---	TRUCK ACCESS ROUTE
---	TRANSMISSION LINE EASEMENT

Notes:-
* All Dimensions Are in Feet.
* Coordinates System > NAD83 Kentucky State Plane, South Zone, US Foot.

DATE	REV.	REVISION HISTORY	DRN. BY	CKD. BY	APPD. BY
2026-08-19	00	FIRST ISSUE	TJ	YS	KP
BRIGHTNIGHT BrightNight Power					
PROJECT NAME STARFIRE					
TITLE:- 138KV GEN-TIE LINE ROUTE LAYOUT					
SCALE	PURPOSE CODE	SHEET SIZE	REV.	SHEET	
1"=1500'	ISSUE FOR PERMIT	36"X24"	00	1 OF 1	

NOTE:-
1. All rights reserved. This drawing contains proprietary information which is protected by copyright. No part of this drawing may be reproduced, stored in a retrieval system, or transmitted in any form or by any means electronic, mechanical, photocopying, recording, or by any information storage and retrieval system without the prior written consent of BrightNight Power.

Exhibit C



Starfire Phase II Solar Gen-Tie Knott County, KY

Gen-Tie 1-Mile Map

LEGEND

- Proposed Transmission Structure
- Proposed Transmission Line
- 1-mile Buffer
- Proposed Project Substation
- Proposed Utility Switchyard
- State Owned Management Land

Notes:

- The State Owned Management Lands identified within the 2-Mile buffer are not recreational parks.
- No schools, residential neighborhoods, or public or private parks are located within 1-mile of the Gen-Tie line.

Data Sources:

ESRI Aerial Imagery 2024, USGS PADUS 2025, USGS National Map

Prepared for: STMO Bn, LLC

Prepared by: Tetra Tech GIS Team (JH)

Updated: 8/14/2026



Spatial Reference
NAD 1983 StatePlane Kentucky South FIPS 1602 Feet

Exhibit D



The Hazard Herald

P.O. Box 869 • Hazard, KY 41702 • (606) 436-5771 • Fax: (606) 436-3140

jjones@hazard-herald.com

AFFIDAVIT

I, Barb A. Skeens, of the Hazard Herald newspaper, published at Hazard, Kentucky, and having the largest circulation of any newspaper in Perry County, Kentucky do hereby certify that the Advertisement of Starfire Solar Project, notice of application

Was published on the following dates:

Date: 8/12/2026 Page: 4B Column: 5,6

Date: _____ Page: _____ Column: _____

Date: _____ Page: _____ Column: _____

Date: _____ Page: _____ Column: _____

Signature: Barb Skeens

Subscribed and Sworn To Before Me by Barbara A. Skeens

This 12th Day of August, 2026

Notary Public

Virginia S Jones

My Commission Expires the 25th Day of October, 2029
Kentucky, State at Large
Commission Number KYNP37556



General Policies: The Hazard Herald reserves the right to correctly classify, revise and edit all copy or reject any advertisement. All ads are prepaid unless an account has been established.

August 12-18, 2026 • Page 4B • Hazard Herald

LEGAL

**Call
436-5771
to place
your ad.**

Written comments, objections, and requests for a public hearing or informal conference must be filed with the Director.

The proposed operation is approximately 0.5 miles southeast of the intersection of KY 451 and KY 15 and is located on Davidson Branch.

In accordance with KRS 350.093, notice is hereby given that Liberty Management, LLC, P.O. Box 100, Ary, Kentucky 41712-0100 has applied for Phase II Bond Release or Increment Number 897-0865, which was last issued on May 20, 2019. The application covers an area of approximately 334.64 acres and is located approximately 1.50 miles northwest of Bulan in Perry County.

Written comments, objections and requests for a public hearing or informal conference must be filed with the Director, Division of Field Services, 300 Sower Boulevard, Second Floor, Frankfort, Kentucky 40601, by Friday, September 18, 2026.

Starfire is required to file an application with the Kentucky State Board of Electric Generation and Transmission Siting (Board) for construction and operation of the proposed facility and transmission line. This filing will occur in the coming weeks. The proposed construction is subject to the approval of the Board, which can be reached at P.O. Box 615, 21 Sower Boulevard, Frankfort, Kentucky 40602-0615, or via phone at (502) 564-3940.

In order to comply with the orders of the Perry Circuit Court, the Commissioner will sell the property described in the following action on August 14, 2026, at the hour of 10:00 A.M., at the front door of the Perry County Court House, on Main Street, Hazard, Kentucky. Said property shall be sold upon the terms (unless otherwise indicated) following terms and conditions. (A) At the time of sale the successful bidder shall either pay cash or make a deposit of 10% of the purchase price with the balance on credit for thirty (30) days. In the event the successful bidder desires to object to credit

Will the public have been advised that I, Jeremy R. Morgan, a duly licensed and practicing attorney from the Perry Circuit Court, have been appointed Warning Order Attorney on behalf of Union County, Kentucky, of Brittany Moore, 414 Turner Ave., Hazard, KY 40401, who may have an interest in the property which is the subject matter of this action presently pending in the Perry Circuit Court, styled KAR Tax Lien Portfolio, LLC, vs. Brittany Moore, et al.; Civil Action No. 26-CI-00095; Anyone having information on the persons listed or if you are an heir of these defendants, you are requested to come forward with information at (606) 436-4343.

in writing and
filed of record by
the purchaser
within ten (10)
days from the
date of sale. (C)
The property
shall otherwise
be sold free and
clear of any right,
title and interest
of all parties to
the action and of
their liens and
encumbrances
thereon, except-
ing easements
and restrictions
of record in the
Perry County
Court Clerk's Of-
fice and such
right of redemp-
tion as may exist
in favor of the
United States of
America or the
defendant(s).

J. S. Bank Trust
Company, Na-
tional Associa-
tion, Not in its In-
dividual Capacity
but Solely in its
Capacity as In-
tenture Trustee
of CIM Trust
2025-NRI vs.
Jeanette Sturgill;
Joey Sturgill, as
Fiduciary of the
Estate of Yvonne
Eversole; LVNV
Funding, LLC;
and Palisades
Collection. Perry
Circuit Court
Case No: 22-CI-
00129; Property
Address: 1482
Georges Branch
Road, Vico, KY
411773. Parcel No:
178-00 00 007.03.

Denise M. Davidson, Master Commissioner, Perry County

**MASTER
COMMIS-
SIONER'S
SALES**

in order to comply with the orders of the Perry County Circuit Court, the undersigned Commissioner shall sell the property described in the following caption on August 24, 2026, at the hour of 10:00 a.m. at the County Courthouse, in the County of Perry, on Main Street, in Hazard, Missouri. The property sold shall be sold upon the terms and conditions otherwise indicated following: (A) The bidder shall make a deposit of 10% of the purchase price within 30 days (in the event the successful bidder desires to elect to receive the balance, he or she shall be required to post a bond in the amount and furnish acceptable security therefor) for the unpaid purchase price and bear interest thereon at the rate of six percent (6%) per annum from the date of sale until paid. (B) The purchaser shall be responsible for all taxes or assessments upon the property for the term of the sale (i.e., the amount that will be due through June 30, 2026) and all other delinquent taxes or assessments upon the property for the term of the sale shall be paid from the

WHEREAS, American Legal Publishing Corporation of Cincinnati, Ohio has completed the 2025 supplement to the Code of Ordinances of the City of Hazard, Kentucky, which supplement contains all ordinances of a general nature enacted since the prior supplement to the Code of Ordinances of this municipality; and

WHEREAS, American Legal Publishing Corporation has recommended the revision or addition of certain sections of the Code of ordinances which are based on or make references to section of the Kentucky Revised Statutes;

WHEREAS, it is the intent of council to accept these updated sections in accordance with the changes of the law of the Commonwealth of Kentucky;

NOW, THEREFORE, BE IT ORDAINED by the City of Hazard, Kentucky, Board of Commissioners:

SECTION 1. That the 2025 supplement to the Code of Ordinances of the City of Hazard, Kentucky, as submitted by American Legal Publishing Corporation of Cincinnati, and as attached hereto, be and the same is hereby adopted by reference as if set out in its entirety.

SECTION 2. That this ordinance shall take effect and be in force from and after its date of passage, approval and publication as required by law.

Passed this 29th day of July, 2026

First Reading: July 20, 2026

Second Reading: July 29, 2026

ATTEST:

Lisa Hill
Lisa Hill, Assistant City Clerk

STMO Bn, LLC ("Applicant" or "Starfire") is proposing to develop and construct an approximately 200-megawatt solar electric generating facility and nonregulated electric transmission line in Knott and Perry Counties, Kentucky ("Starfire II" or "Project"). The proposed project will be situated on approximately 1,500 acres of land, with an address of 620 Bells Fork Road, Ary, Kentucky 41712. The project will consist of photovoltaic panels and their associated racking systems, inverters, collection system, project substa-

Housing Development Alliance Inc. is applying for federal funding through the Department of Agriculture - Rural Housing Services Housing Preservation Grant program. The proposed funding would be

ry low and
come home
s in Breat

Knott, Leslie and Perry Counties Kentucky in reviewing and piloting their housing. Starting August 13, 2026 the State of OH will be available for review and public comment. The review and comment period will run until August 28, 2026. Anyone wishing to review and/or make comment on the proposed activities may view the State of OH Department of Activities at Housing Development Alliance Inc's office located at 1877 N. Main St., Hazard, KY 41701 or by requesting a copy by contacting the Housing Development Alliance at

PBT Bancorp
f/k/a People
Bank & Trust
Co., vs. Benny
Bryan Joseph
Adams; Unknown
Spouse of Benny
Bryan Joseph
Adams; Darin
Keith Adams
Unknown Spouse
of Darin Keith
Adams; and Per
ry County, Ken

NEWSPAPER AFFIDAVIT

I **Tim Cody**, of the TROUBLESOME CREEK TIMES newspaper published at Hindman, Kentucky, and having the largest general circulation of any newspaper in KNOTT COUNTY, KENTUCKY, do hereby certify from my own knowledge and a check of the files of this newspaper, that the advertisement of:

Proposal to develop & construct an approximately 200-megawatt solar electric generating facility and nonregulated electric transmission

FOR STMO Bn, LLC ("Applicant" or "Starfire")

was inserted in the TROUBLESOME CREEK TIMES on the following dates:

Date **August 13, 2026** Page(s) **B4** Column(s) **4-6**

Date _____ Page(s) _____ Column(s) _____

Date _____ Page(s) _____ Column(s) _____

Date _____ Page(s) _____ Column(s) _____

Date _____ Page(s) _____ Column(s) _____

Signature Tim Cody

Subscribed and sworn before me on this **14th** day of **August**, 2026, by the above.

NOTARY PUBLIC Karen Jones Cody

NOTARY NAME Karen Jones Cody

TITLE Notary Public

JURISDICTION State At Large

NOTARY ID NUMBER KYNP105139

EXPIRATION DATE September 23, 2029

Notices of Bond Releases

NOTICE OF BOND RELEASE

In accordance with KRS 350.093, notice is hereby given that ICG Hazard, 250 West Main Street, Suite 2000, Lexington, KY 40507, has applied for Phase I and II bond release on increment 48 and Phase II bond release on increments 22, 32, and 47 of permit number 860-0542 which was last issued on November 3, 2025. The application covers an area of approximately 524.37 acres located 4 miles northeast of Noble in Breathitt, Knott, and Perry Counties.

The permit area is approximately 3.5 miles northeast from KY RT 1087's junction with KY RT 476 and located on Dans Fork and Long Fork of Buckhorn Creek.

The bond now in effect for the Increment 22 is a surety in the amount of \$85,100. Approximately 85% of the original bond amount of \$209,600 is included in the application for release. The bond now in effect for the Increment 32 is a surety in the amount of \$150,300. Approximately 85% of the original bond amount of \$375,600 is included in the application for release. The bond now in effect for the Increment 47 is a surety in the amount of \$136,100. Ap-

proximately 85% of the original bond amount of \$515,800 is included in the application for release. The bond now in effect for the Increment 48 is a surety in the amount of \$143,800. Approximately 85% of the original bond amount of \$143,800 is included in the application for release.

Reclamation work performed includes backfilling, grading, and seeding and/or planting to achieve the approved post mining land use which was completed Spring of 2021 on Increment 22, Summer of 2021 on Increment 47, and Fall of 2022 on Increment 18.

This is the final advertisement of this application. Written comments, objections, and requests for a public hearing or informal conference must be filed with the Director of the Division of Mine Reclamation and Enforcement, 300 Sower Blvd., Frankfort, KY 40601 by September 14, 2026.

A public hearing on the application has been scheduled for September 16, 2026 at 10:00 am at the Division of Mine Reclamation and Enforcement's Hazard Regional Office, 556 Village Lane, Hazard, KY 41702. The hearing will be cancelled if no request for a hearing or informal conference is received by September 14, 2026. 887/723:4*pd?

PUBLIC NOTICE

Housing Development Alliance, Inc. is applying for federal funding through the Department of Agriculture - Rural Housing Service's Housing Preservation Grant program. The proposed funding would be used to assist very low and low-income homeowners in Breathitt, Knott, Leslie and Perry Counties, Kentucky in repairing and rehabilitating their homes. Starting August 13, 2026, the Statement of Activities for the proposed project will be available for review and public comment. The review and comment period will run until August 28, 2026. Anyone wishing to review and/or make comment on the proposed activities may view the Statement of Activities at Housing Development Alliance Inc.'s office located at 2871 North Main St., Hazard, KY 41701 or by requesting a copy by contacting the Housing Development Alliance at 606-436-0497. Written comments may be delivered in person at the above address or mailed to Housing Development Alliance, P.O. Box 7284, Hazard, KY 41702. For more information contact Scott McReynolds at 606-436-0497. 919/813:2:b

BID NOTICE

Request for Bid for One (1) New 2026 GMC Sierra 1500 Truck

Knott County Water and Sewer District (KCWSD), 7777 Big Branch Rd, Vicco, KY 41773, is soliciting sealed bids from qualified vendors for the purchase of one (1) new 2026 GMC Sierra 1500 truck.

The bid should include, but not be limited to the following specifications and considerations:

- A. 2026 GMC Sierra 1500 Pro
- B. 5.3L EcoTec3 V8 Gas Engine
- C. 10-Speed Automatic Transmission
- D. Four-Wheel Drive (4WD)
- E. Summit White Exterior
- F. Jet Black Cloth Seat Trim
- G. Convenience Package
- H. Trailering Package
- I. Pro Value Package
- J. X31 Off-Road Package
- K. Integrated Trailer Brake Controller

Proposal Preparation and Submission:

- A. Bidders are expected to contact KCWSD for a full list of specifications.
- B. Bidders should provide a list of similar local governments or other pertinent clients served by their company.

Proposals MUST be sealed and addressed as follows:

ATTN: Jared Salmons, General Manager
2026 GMC Sierra 1500 Bid
Knott County Water and Sewer District
7777 Big Branch Rd
Vicco, KY 41773

Proposals must be delivered no later than 1:00 p.m. on Thursday, August 20, 2026. All bid proposals received will be publicly opened and read by KCWSD Management at that time. Bidders and other interested persons may be present.

The final decision regarding selection of the winning bid will be made by the KCWSD Board.

Specifications, instructions, and all questions and correspondence should be directed to Jared Salmons, General Manager, in writing at the above address or by calling (606) 642-3582.

KCWSD reserves the right to reject any and all bids.
921/813:1:b

NOTICE OF BOND RELEASE

Pursuant to Application Number 860-9021

In accordance with the provisions of KRS 350.055, notice is hereby given that Liberty Management, LLC., P. O. Box 100, Ary, Kentucky 41721-0100 has applied for Phase I Bond Release on Increment Number 1 of Permit Number 860-9021 which was last issued on July 09, 2025. The application covers an area of approximately 567.68 acres located approximately 4.00 miles northeast of Ary in Knott and Perry Counties.

The operation is located approximately 3.10 miles northeast of Ky Route 1087's junction with Lick Branch Road and located on Hurricane Branch of Buckhorn Creek. The operation is located on the Noble and Vest U.S.G.S. 7 1/2 minute quadrangle maps.

The bond now in effect for Increment Number 1 is a surety bond in the amount of \$1,696,208, of which sixty percent (60%) of the bond is being requested for release.

Reclamation work performed includes: backfilling, grading, seeding, mulching and planting of trees completed in the winter of 2020.

Written comments, objections, and requests for a public hearing or informal conference must be filed with the Director, Division of Permits, 300 Sower Boulevard, Second Floor, Frankfort, Kentucky 40601-6571 by Friday, September 18, 2026.

A public hearing on the application has been scheduled for Wednesday, September 23, 2026 at 10:00 A.M. at the Division of Mine Reclamation and Enforcement, Hazard Regional Office, 556 Village Lane, P.O. Box 851, Hazard, Kentucky 41702-0851. The hearing will be cancelled if no request for hearing or informal conference is received by Friday, September 18, 2026. 889/730:4*pd?

BID NOTICE

The Knott County Fiscal Court is requesting bids for NRCS demolition projects. Anyone interested in bidding must be fully qualified to complete the necessary work and able to provide proof of insurance and 3 references. There will be a pre-bid meeting on Tuesday, August 18, 2026 at 9:00am in the Office of the Knott County Judge-Executive. Anyone interested in bidding MUST attend this pre-bid meeting. Bids will not be accepted from anyone that does not attend.

For complete details on this project please call the Office of the Knott County Judge-Executive at 606-785-5592.

Bids will be accepted through 4:00 PM, Thursday, August 20, 2026. The bid will be awarded at a Knott County Fiscal Court meeting to be held through a Zoom video conference on August 21, 2026 at 10:00 AM.

The Knott County Fiscal Court reserves the right to reject any or all bids.
916/83:1:b

PUBLIC NOTICE

STMO Bn, LLC ("Applicant" or "Starfire") is proposing to develop and construct an approximately 200-megawatt solar electric generating facility and nonregulated electric transmission line in Knott and Perry Counties, Kentucky ("Starfire II" or "Project"). The proposed project will be situated on approximately 1,500 acres of land, with an address of 620 Balls Fork Road, Ary, Kentucky 41712. The project will consist of photovoltaic panels and their associated racking systems, inverters, collection system, project substation, electric transmission line, and other equipment.

Starfire is required to file an application with the Kentucky State Board on Electric Generation and Transmission Siting ("Board") for construction and operation of the proposed facility and transmission line. This filing will occur in the coming weeks. The proposed construction is subject to the approval of the Board, which can be reached at P.O. Box 615, 211 Sower Boulevard, Frankfort, Kentucky 40602-0615, or via phone at (502) 564-3940.

A person who wishes to become a party to a proceeding before the Board may, by written motion filed no later than thirty (30) days after the application has been submitted, request leave to intervene. A party may, upon written motion filed no later than thirty (30) days after an application has been filed, request the Board to schedule an evidentiary hearing at the offices of the Public Service Commission. A request for a local public hearing or local public information meeting shall be made by at least three (3) interested persons who reside in the county in which the plant is proposed to be located. The request shall be made in writing and shall be filed within thirty (30) days following the filing of a completed application. 920/813:1:b



MONTGOMERY
Baptist Church
Attend Church this Sunday!

07/01/2026 THROUGH 06/30/2027			
ESTIMATING REVENUES AND RESOURCES AND APPROPRIATING FUND FOR THE OPERATION OF CITY GOVERNMENT			
Whereas, an annual budget proposal and message has been prepared and delivered to the City Council/Commission; and			
Whereas, the City Council/Commission has reviewed such budget proposal and made necessary modifications;			
NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF PIPPA PASSES, SECTION 1:			
That the annual budget for the fiscal year beginning 7/1/26 and ending 6/30/27 be hereby adopted as follows:			
Resources Available:	General Fund	Municipal Road Fund	LG&A Coal & Mineral Severance Tax Fund
Fund Balance(Carried Forward)	\$120,000.00	580,000.00	\$36,000.00
Estimated Revenues:			
Property Taxes	0.00	0.00	0.00
Payment in Lieu of Taxes	0.00	0.00	0.00
Intergovernmental Revenues	6,000.00	10,200.00	37,000.00
Fines & Forfeits	0.00	0.00	0.00
Rents	18,000.00	0.00	0.00
Inter-fund Transfers	0.00	9,000.00	0.00
Interest Income	300.00	1,000.00	150.00
Total Resources Available	\$144,300.00	\$600,200.00	\$73,150.00
Appropriations:			
General Government	\$134,700.00	\$0.00	\$0.00
Police	0.00	0.00	39,150.00
Fire	0.00	0.00	25,000.00
Streets	0.00	600,200.00	0.00
Street Lights	9,600.00	0.00	0.00
Inter-fund Transfers	0.00	0.00	9,000.00
Social Services	0.00	0.00	0.00
Total Appropriations	\$144,300.00	\$600,200.00	\$73,150.00
Excess of Resources Over/Under	0.00	0.00	0.00
Inter-fund Revenues	0.00	0.00	0.00
Estimated End of Year Fund Balance	0.00	0.00	0.00

SECTION 2:

That this Ordinance shall be in effect on 07/01/2026.

Mayor Scott Cornett
Mayor, Scott Cornett
City of Pippa Passes

Attest:

John Mills
Council Member, John Mills
City of Pippa Passes

922/813:1:b



August 17, 2026

BrightNight, LLC
515 North Flagler Dr
Suite 250
West Palm Beach, FL 32401

RE: Starfire 2 Renewable Energy Project Community Outreach

Dear Neighbor,

STMO Bn, LLC is proposing to develop and construct an approximately 200-megawatt solar electric generating facility to be located in Knott and Perry Counties, Kentucky. The proposed solar project will be situated on approximately 1,500 acres of land, with an address of 620 Balls Fork Road, Ary, Kentucky 41712. The project will consist of photovoltaic panels and their associated racking systems, inverters, collection system, project substation, transmission line, and other equipment.

STMO Bn, LLC, is required to file an application with the Kentucky State Board on Electric Generation and Transmission Siting ("Board") to obtain a certificate of construction for the proposed electric generating facility. This filing will occur in the coming weeks. This proposed construction is subject to approval by the Board, which can be reached at P.O. Box 615, 211 Sower Boulevard, Frankfort, Kentucky 40602-0615, or via phone at (502) 564-3940.

A person who wishes to become a party to a proceeding before the Board may, by written motion filed no later than thirty (30) days after the application has been submitted, request leave to intervene. A party may, upon written motion filed no later than thirty (30) days after an application has been filed, request the Board to schedule an evidentiary hearing at the offices of the Public Service Commission. A request for a local public hearing or local public information meeting shall be made by at least three (3) interested persons who reside in the county in which the plant is proposed to be located. The request shall be made in writing and shall be filed within thirty (30) days following the filing of a completed application.

Please feel free to contact us if you have any questions.

Best regards,

Jacqui Kitchen
Senior Director, Development
Phone: (850) 460-0829
Email: Jacqui.Kitchen@brightnightpower.com
Company Website: www.brightnightpower.com
Project Website: <https://brightnightpower.com/starfire-project/>

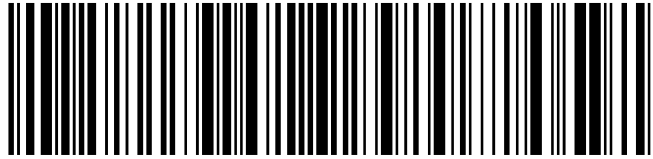
ParcelID	Owner	Address
003-00 00 002.01		1 CITY PLACE DR, SUITE 300, SAINT LOUIS MO 63141
004-00 00 003.00		HINDMAN KY 41822
005-00 00 009.00		122 ROY CAMPBELL DR, HAZARD KY 41701-9407
005-00 00 010.01		1 CITY PLACE DR, SUITE 300, SAINT LOUIS MO 63141
015-00 00 062.00		223 E CEDAR DR, PIKEVILLE, KY 41501
014-00 00 001.01		1 CITY PLACE DR, SUITE 300, SAINT LOUIS MO 63141
013-00 00 001.00		LEXINGTON KY
014-00 00 009.01		122 ROY CAMPBELL DR, HAZARD KY 41701-9407
015-00 00 061.00		122 ROY CAMPBELL DR, HAZARD KY 41701-9407
005-20 00 003.00		176 LEESBURG PIKE GEORGETOWN KY 40324
005-20 00 002.00		176 LEESBURG PIKE, GEORGETOWN KY 40324
005-00 00 019.02		176 LEESBURG PIKE, GEORGETOWN KY 40324
005-00 00 018.00		GEN DEL, TALCUM KY 41722
131-00 00 001.01		P.O. BOX 100, ARY, KY 41712
131-00 00 001.00		P.O. BOX 100, ARY, KY 41712
131-00 00 002.00		P.O. BOX 100, ARY, KY 41712
131-00 00 003.00		P.O. BOX 100, ARY, KY 41712
131-00 00 003.00		P.O. BOX 100, ARY, KY 41712
131-00 00 026.00		P.O. BOX 100, ARY, KY 41712
131-00 00 027.03		1668 BALLS FORK RD, ARY, KY 41712
131-00 00 027.02		5145 BERKSHIRE SOUTH BOULEVARD, GREENWOOD, IN 46142
131-00 00 027.04		614 BROOKVILE AVE, INDIANAPOLIS, IN 46203
131-00 00 024.00		PO BOX 817, HAZARD, KY 41702
131-00 00 016.00		PO BOX 460, ALLEN, KY 41601
131-00 00 002.01		P.O. BOX 100, ARY, KY 41712
131-00 00 005.00		221 HENRY CLAY BLVD LEXINGTON, KY 40502
131-00 00 015.00		P.O. BOX 100, ARY, KY 41712
131-00 00 014.02		P.O. BOX 100, ARY, KY 41712
131-00 00 014.00		P.O. BOX 100, ARY, KY 41712
131-00 00 013.00		P.O. BOX 100, ARY, KY 41712
131-00 00 006.00		745 BALLS FORK RD ARY, KY 41712
131-00 00 014.01		244 CRAWFORD LN, HAZARD, KY 41701
131-00 00 011.00		1805 GREENSPOINT COVE, JONESBORO, AR 72401
131-00 00 007.00		PO BOX 433, ARY, KY 41712
131-00 00 010.02		PO BOX 771, BULAN, KY 41722
131-00 00 008.00		481 MAIN STREET SUITE, 100 HAZARD, KY 41701
131-00 00 009.00		MAC X2502-011 - 1 COME CAMPLUS, DES MOINES, IA 50328-0001
132-00 00 001.00		BOX 194 ARY, KY 41712
132-00 00 002.00		10328 NORTH COUNTY - 550 EAST, PITSBORO, IN 46167
112-00 00 056.00		221 HENRY CLAY BLVD LEXINGTON, KY 40502
112-00 00 055.00		P.O. BOX 100, ARY, KY 41712
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112-00 00 053.00		P.O. BOX 100, ARY, KY 41712
113-00 00 002.02		121 BALL BRANCH CEMETERY RD, ARY, KY 41712
112-00 00 047.00		6272 COBBLER CT, COLUMBIA, MD 21045
112-00 00 021.00		585 WILLIAMS BRANCH ROAD HAZARD, KY 41701
112-00 00 019.00		6096 CENTRAL RIDGE RD, MT. OLIVET, KY 41064
112-00 00 017.00		821 WILLIAMS BRANCH ROAD HAZARD, KY 41701
112-00 00 016.00		PO BOX 407, ARY, KY 41712
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112-00 00 009.00		908 WILLIAMS BRANCH RD, HAZARD, KY 41701
112-00 00 009.02		PO BOX 989, HAZARD, KY 41702
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112-00 00 010.00		481 MAIN STREET, SUITE 100, HAZARD, KY 41701
112-00 00 005.00		275 TECHNOLOGY DRIVE, SUITE 101, CANONSBURG, PA 15317
112-00 00 001.00		275 TECHNOLOGY DRIVE, SUITE 101, CANONSBURG, PA 15317
111-00 00 002.00		275 TECHNOLOGY DRIVE, SUITE 101, CANONSBURG, PA 15317
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111-00 00 004.00		275 TECHNOLOGY DRIVE, SUITE 101, CANONSBURG, PA 15317
111-00 00 003.00		P.O. BOX 100, ARY, KY 41712
112-00 00 018.00		P.O. BOX 100, ARY, KY 41712
112-00 00 013.00		P.O. BOX 100, ARY, KY 41712

112-00 00 002.00		P.O. BOX 100, ARY, KY 41712
227-00 00 001.00		223 E. CEDAR DR, PIKEVILLE, KY 41501
131-00 00 025.00		2830 UPPER SECOND CREEK RD., HAZARD, KY 41701
112-00 00 007.00		275 TECHNOLOGY DRIVE, SUITE 101, CANONSBURG, PA 15317
112-00 00 011.00		P.O. BOX 100, ARY, KY 41712
112-00 00 005.01		P.O. BOX 100, ARY, KY 41712
005-00 00 007.01		PO BOX 193A, ARY, KY 41712
013-00 00 003.01		1 CITY PLACE DR, SUITE 300, SAINT LOUIS, MO 63141
005-20 00 005.00		7680 VEST TALCUM RD, TALCUM, KY 41722
205-00 00 011.00		1 CITY PLACE DR, SUITE 300, SAINT LOUIS, MO 63141



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8339 0896 93

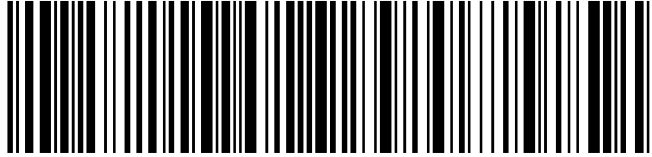
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1 CITY PLACE DR SUITE 300
SAINT LOUIS MO 63141



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8339 0897 09

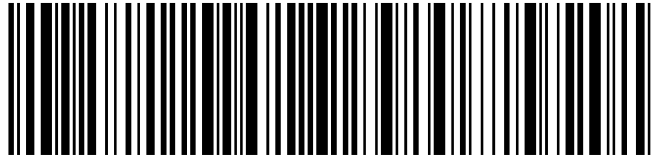
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PO BOX 462
HINDMAN KY 41822



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



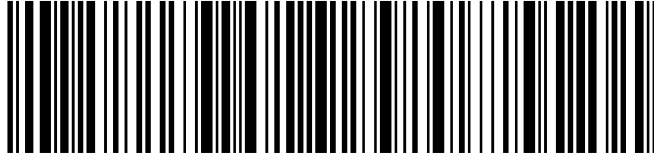
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[REDACTED]
122 ROY CAMPBELL DR
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



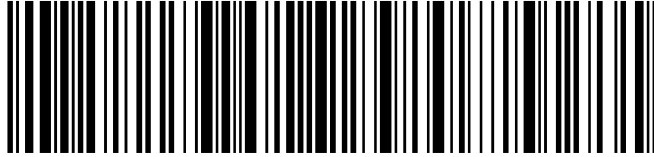
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[REDACTED]
1 CITY PLACE DR SUITE 300
SAINT LOUIS MO 63141



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8339 0897 30

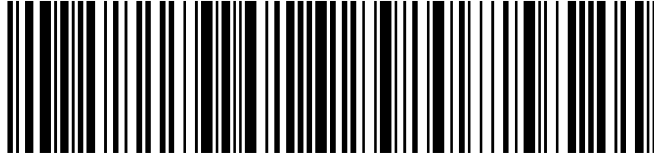
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223 E CEDAR DR
Pikeville KY 63141



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



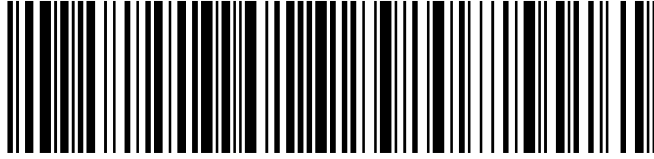
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[REDACTED]
1 CITY PLACE DR SUITE 300
SAINT LOUIS MO 63141



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8339 0897 54

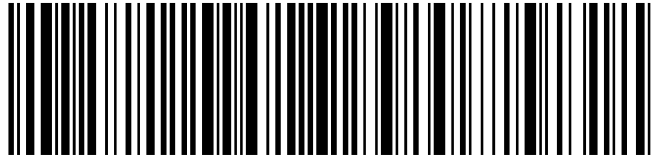
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Clayhole KY 41317



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



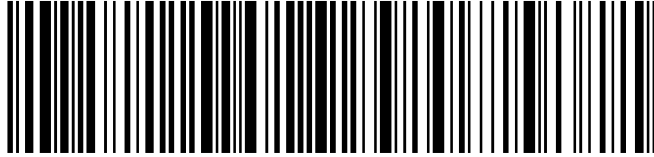
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122 ROY CAMPBELL DR
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



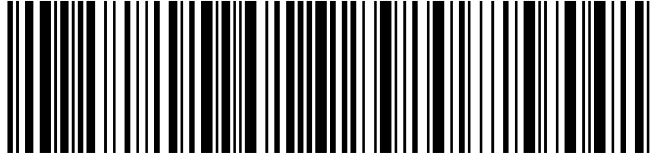
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122 ROY CAMPBELL DR
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



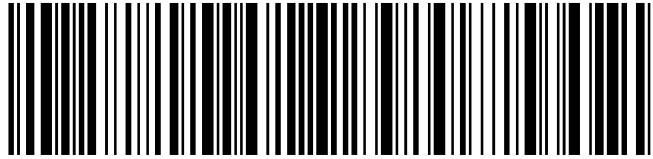
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[REDACTED]
176 LEESBURG PIKE
GEORGETOWN KY 40324



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



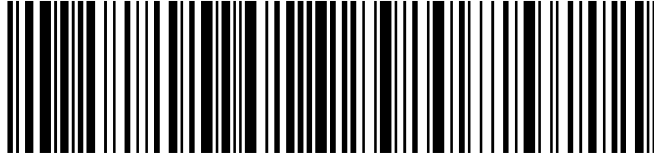
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[REDACTED]
176 LEESBURG PIKE
GEORGETOWN KY 40324



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



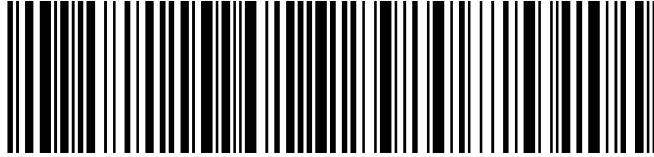
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176 LEESBURG PIKE
GEORGETOWN KY 40324



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



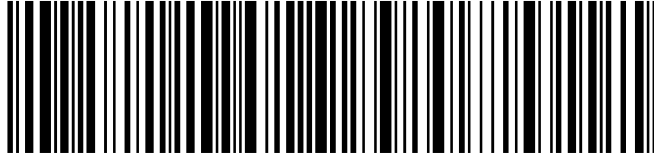
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GEN DEL
TALCUM KY 41722



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



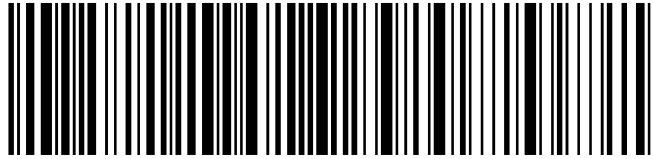
9214 8901 9403 8339 0898 22

PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



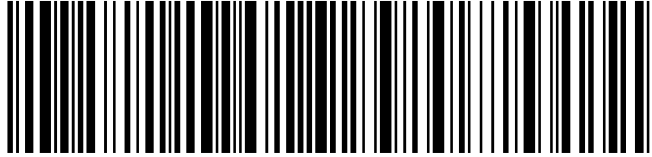
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



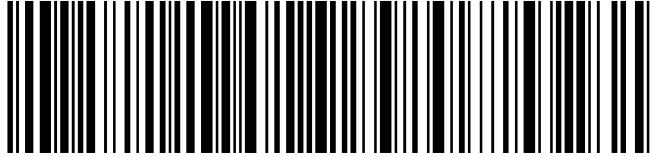
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



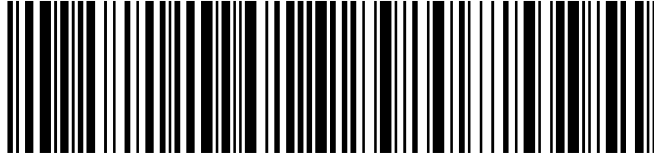
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



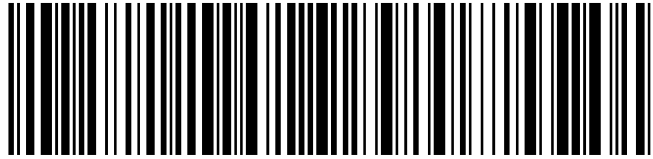
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



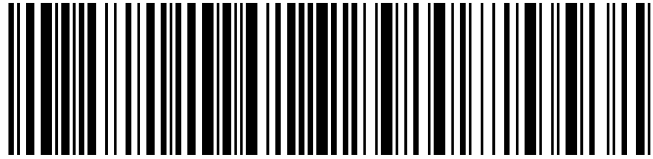
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



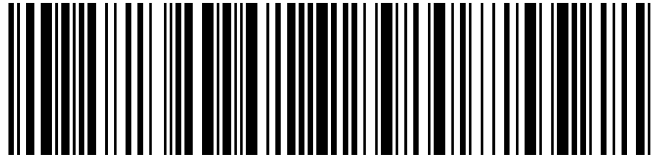
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1668 BALLS FORK RD
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



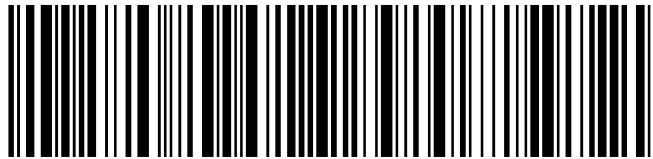
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[REDACTED]
5145 BERKSHIRE SOUTH BOULEVARD
GREENWOOD IN 46142



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8339 0899 07

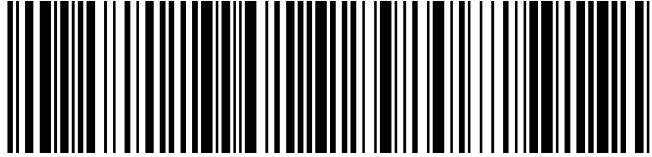
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614 BROOKVILE AVE
INDIANAPOLIS IN 46203



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



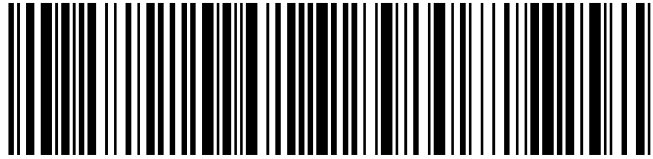
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PO BOX 817
HAZARD KY 41702



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8339 0899 21

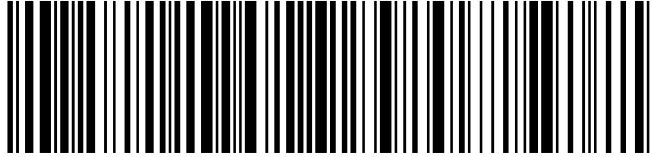
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PO BOX 460
ALLEN KY 41601



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



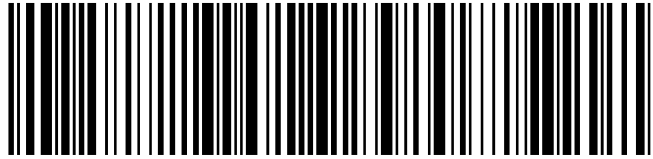
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



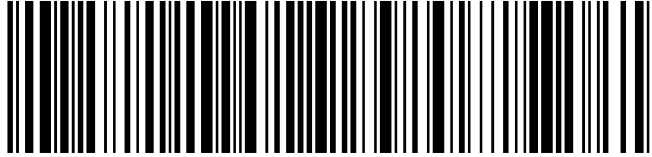
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[REDACTED]
221 HENRY CLAY BLVD
LEXINGTON KY 40502



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8339 0899 52

PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



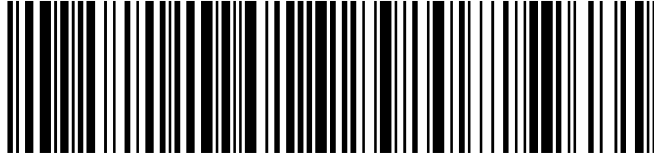
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



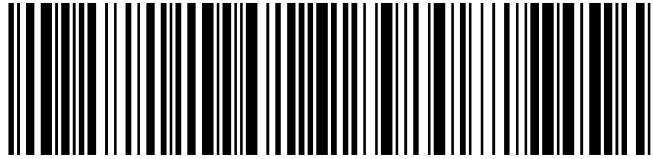
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



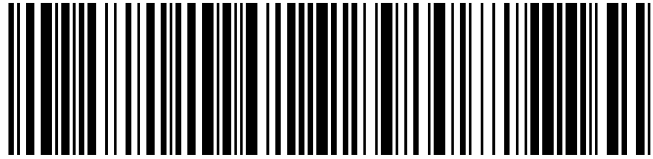
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



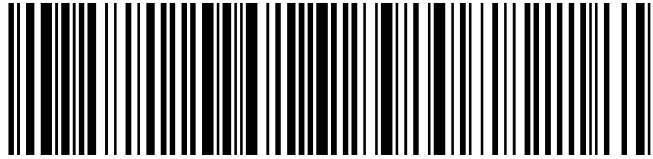
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[REDACTED]
745 BALLS FORK RD
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



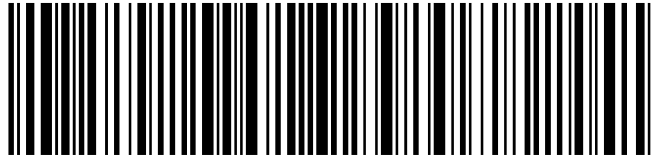
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[REDACTED]
244 CRAWFORD LN
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



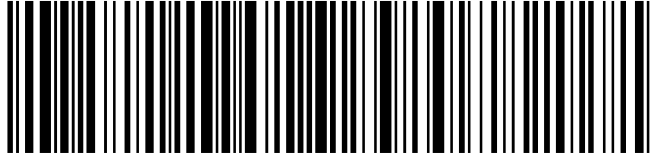
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1805 GREENSPPOINT COVE
JONESBORO AR 72401



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



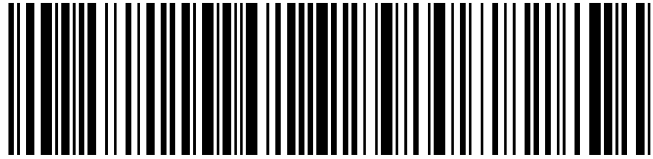
9214 8901 9403 8339 0900 26

PO BOX 433
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8339 0900 33

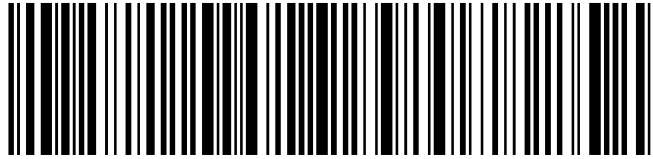
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PO BOX 771
BULAN KY 41722



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



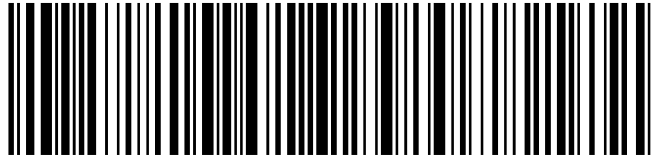
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481 MAIN STREET SUITE 100
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



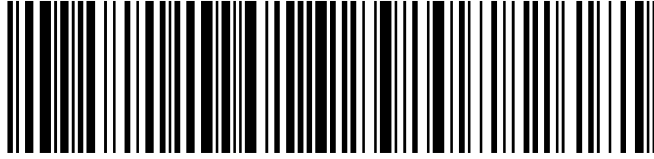
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MAC X2502-011 - 1 COME CAMPLUS
DES MOINES IA 50328



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



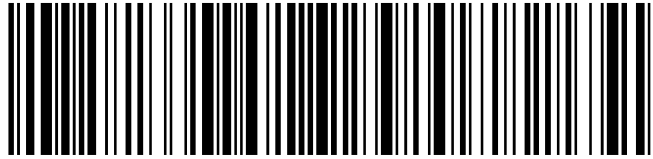
9214 8901 9403 8339 0900 64

Box 194
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



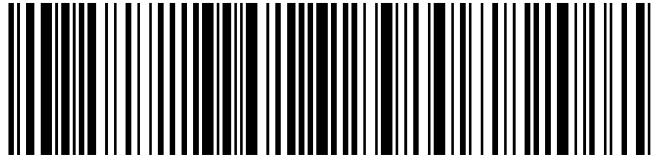
9214 8901 9403 8339 0900 71

[REDACTED]
10328 NORTH COUNTY - 550 EAST
PITSBORO IN 46167



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



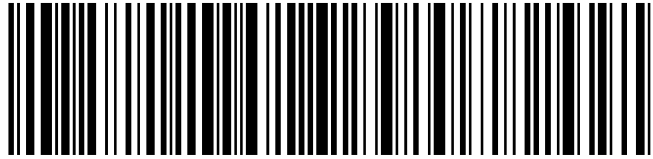
9214 8901 9403 8339 0900 88

[REDACTED]
221 HENRY CLAY BLVD
LEXINGTON KY 40502



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



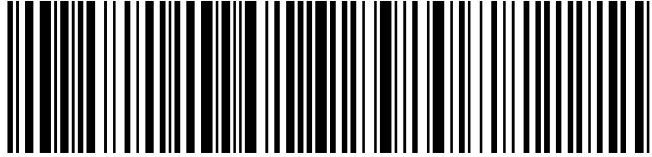
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



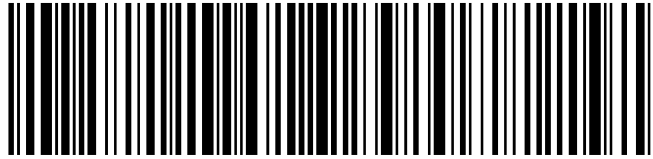
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



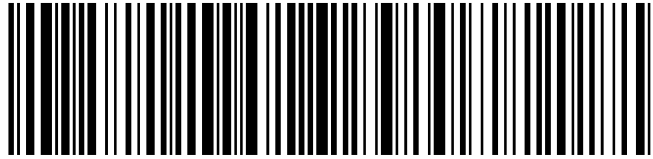
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



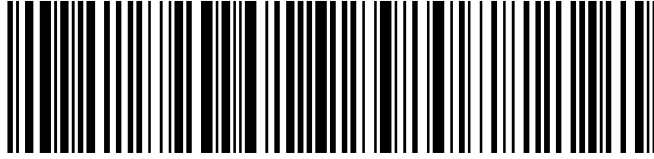
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ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



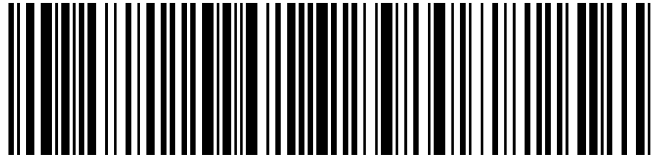
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COLUMBIA MD 21045



FBT Gibbons
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Louisville KY 40202

USPS CERTIFIED MAIL



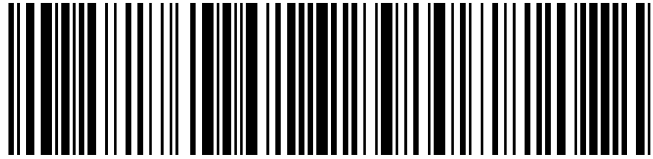
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HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



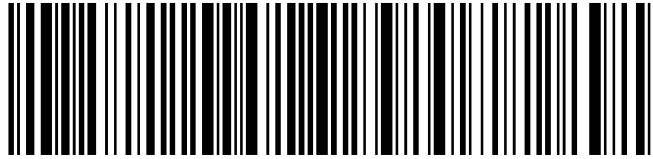
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MT OLIVET KY 41064



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



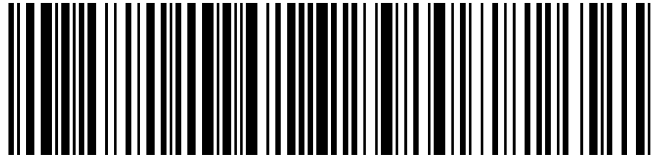
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HAZARD KY 41701



FBT Gibbons
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Louisville KY 40202

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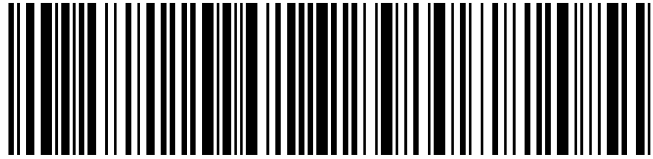
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PO BOX 407
ARY KY 41712



FBT Gibbons
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Louisville KY 40202

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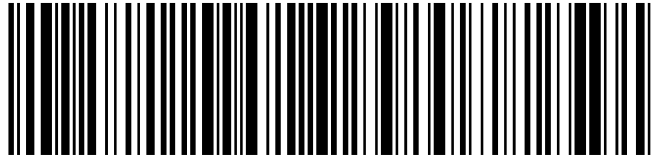
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FBT Gibbons
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Louisville KY 40202

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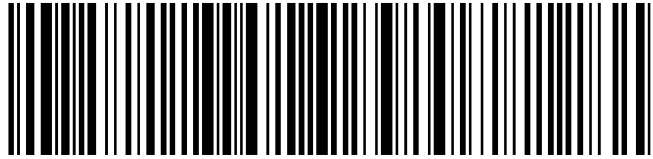
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FBT Gibbons
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Louisville KY 40202

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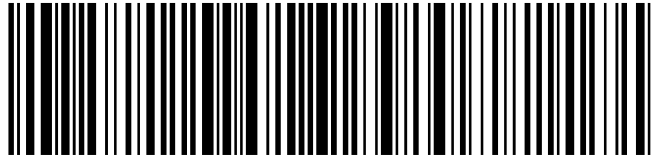
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PO BOX 989
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FBT Gibbons
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Louisville KY 40202

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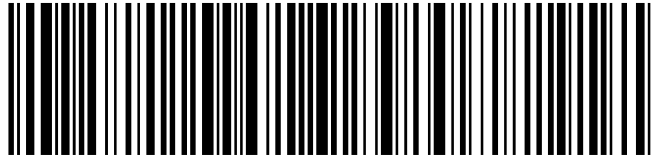
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Louisville KY 40202

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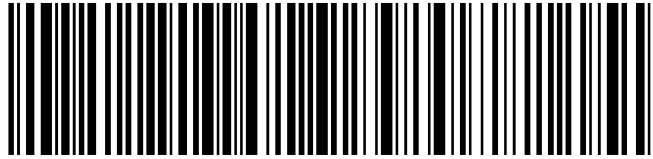
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FBT Gibbons
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Louisville KY 40202

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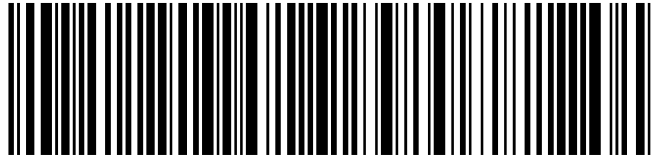
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CANONSBURG PA 15317



FBT Gibbons
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Louisville KY 40202

USPS CERTIFIED MAIL



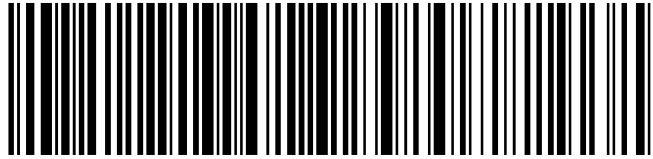
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275 TECHNOLOGY DRIVE SUITE 101
CANONSBURG PA 15317



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



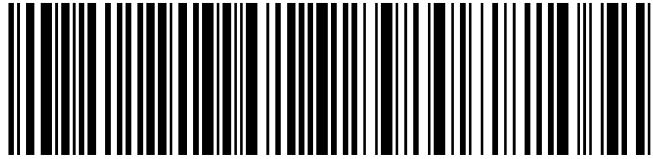
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CANONSBURG PA 15317



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



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[REDACTED]
275 TECHNOLOGY DRIVE SUITE 101
CANONSBURG PA 15317



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



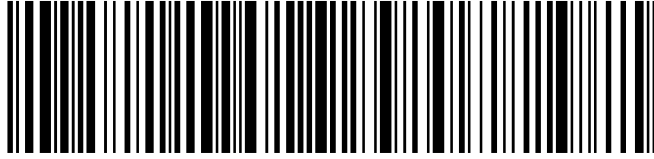
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FBT Gibbons
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Louisville KY 40202

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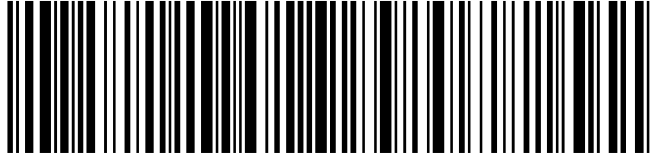
9214 8901 9403 8339 0902 86

PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



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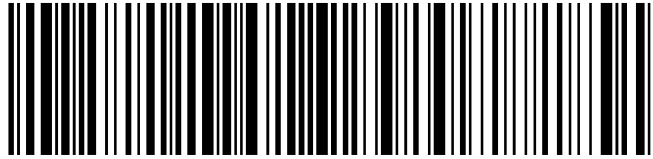
PO BOX 100
ARY KY 41712

Postage: \$9.0300



FBT Gibbons
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Louisville KY 40202

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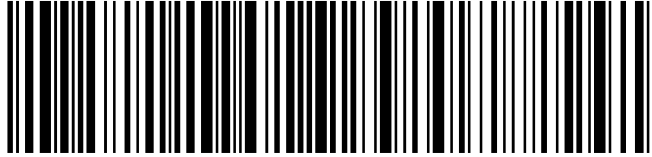
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PO BOX 100
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FBT Gibbons
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Louisville KY 40202

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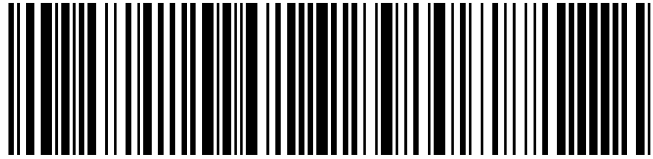
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

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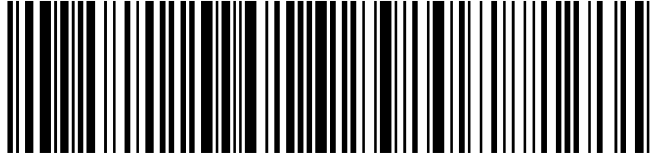
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223 E CEDAR DR
Pikeville KY 41501



FBT Gibbons
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Louisville KY 40202

USPS CERTIFIED MAIL



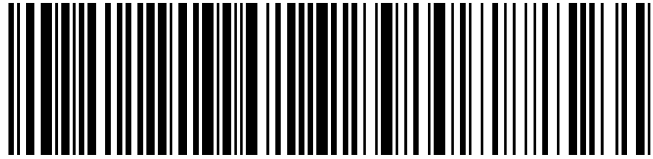
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HAZARD KY 41701



FBT Gibbons
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Louisville KY 40202

USPS CERTIFIED MAIL



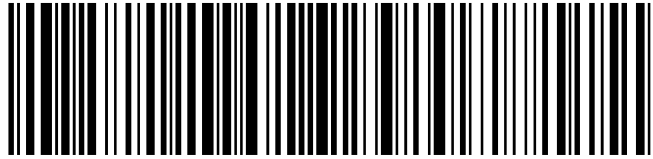
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[REDACTED]
275 TECHNOLOGY DRIVE SUITE 101
CANONSBURG PA 15317



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



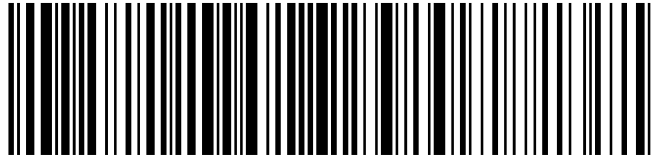
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FBT Gibbons
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Louisville KY 40202

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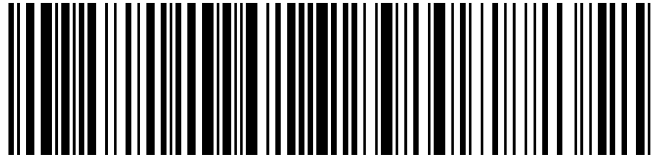
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Louisville KY 40202

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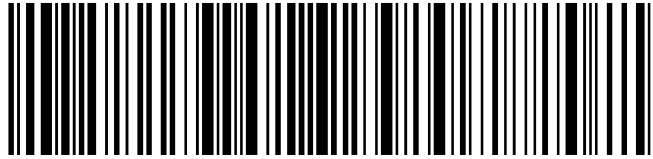
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FBT Gibbons
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Louisville KY 40202

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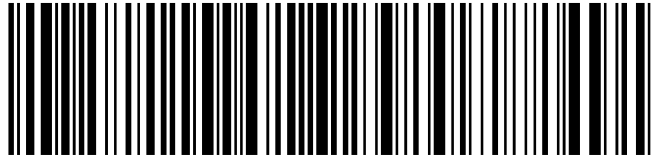
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[REDACTED]
1 CITY PLACE DR SUITE 300
SAINT LOUIS MO 63141



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8339 0903 92

[REDACTED ADDRESS]

7680 VEST TALCUM RD
TALCUM KY 41722



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8339 0904 08

[REDACTED]
1 CITY PLACE DR SUITE 300
SAINT LOUIS MO 63141

Exhibit E

COMMONWEALTH OF KENTUCKY
BEFORE THE KENTUCKY STATE BOARD ON
ELECTRIC GENERATION AND TRANSMISSION SITING

In the Matter of:

ELECTRONIC APPLICATION OF STMO BN, LLC	)	
(STARFIRE) FOR A CERTIFICATE OF	)	
CONSTRUCTION FOR AN APPROXIMATELY 200	)	
MEGAWATT MERCHANT SOLAR ELECTRIC	)	Case No. 2026-00180
GENERATING FACILITY AND NONREGULATED	)	
ELECTRIC TRANSMISSION LINE IN KNOTT AND	)	
PERRY COUNTIES, KENTUCKY PURSUANT TO	)	
KRS 278.700 AND 807 KAR 5:110	)	

STATEMENT OF COMPLIANCE PURSUANT TO KRS 278.706(2)(d)

Comes now David Gil, solely in my capacity as Authorized Representative of STMO Bn, LLC, and hereby state as follows:

1. I am over the age of 18 and a resident of Florida.
2. I am the Chief Development Officer of BrightNight, LLC, the parent company of STMO Bn, LLC.
3. I have conducted an inquiry into the facts contained in this Statement and have found them to be true to the best of my knowledge and belief.
4. I hereby certify that the proposed facility as planned and to be constructed in unincorporated Knott County and Perry County, Kentucky, will be in compliance with any local noise control ordinances and planning and zoning ordinances in effect at the time of filing the Application.
5. There is no noise control ordinance applicable to either unincorporated Knott County or Perry County.
6. There is no planning and zoning commission with jurisdiction over unincorporated Knott County or Perry County, and therefore there are no planning and zoning ordinances nor any setbacks established by a planning and zoning commission.

Signed this 19 day of August 2026.



David Gil
Authorized Representative
STMO Bn, LLC

Exhibit F



The Hazard Herald

P.O. Box 869 • Hazard, KY 41702 • (606) 436-5771 • Fax: (606) 436-3140

jjones@hazard-herald.com

AFFIDAVIT

I, Barb A. Skeens, of the Hazard Herald newspaper, published at Hazard, Kentucky, and having the largest circulation of any newspaper in Perry County, Kentucky do hereby certify that the Advertisement of Bright Night Solar electric generating facility

Was published on the following dates:

Date: 4-29-2026 Page: 50 Column: 3

Date: _____ Page: _____ Column: _____

Date: _____ Page: _____ Column: _____

Date: _____ Page: _____ Column: _____

Signature: Barb Skeens

Subscribed and Sworn To Before Me by Barbara A. Skeens

This 29 Day of April, 2026

Notary Public

Virginia Jones

My Commission Expires the 25th Day of October, 2029
Kentucky, State at Large
Commission Number KYNP37556



PLACING YOUR AD

OFFICE HOURS:
Monday - Friday
8:30 a.m. - 5 p.m.
ADDRESS:
100 Cooksey St., Hazard

PHONE:
(606) 436-5771
FAX:
(606) 436-3140

EMAIL:
jjones@hazard-herald.com
Deadline:
Monday @ 4PM

General Policies: The Hazard Herald reserves the right to correctly classify, revise and edit all copy or reject any advertisement. All ads are prepaid unless an account has been established.

HAZARD & PERRY COUNTIES MOST AMAZING CLASSIFIEDS

April-May 29-5, 2026 • Page 5B • Hazard Herald

TO OUR READERS

PLEASE CHECK YOUR AD
Please read your ad the first day it appears in the newspaper. Report any errors immediately and we will gladly correct any errors published. Credit will be issued for one (1) day only. After the first day the ad can be corrected for the remaining number of runs, but credit will not be issued for days ad ran incorrectly.

PUBLISHER'S NOTICE
All real estate advertising in this newspaper is subject to the Fair Housing Act which makes it illegal to advertise "any preference, limitation or discrimination based on race, color, religion, sex, handicap, familial status or national origin, or an intention to make any such preference, limitation or discrimination." Familial includes children under the age of 18 living with parents or legal custodians, pregnant women and people securing custody of children under 18. This newspaper will not knowingly accept any advertising for real estate which is in violation of the law. Our readers are hereby informed that all dwellings advertised in this newspaper are available on an equal opportunity basis. To complain of discrimination, call HUD toll-free at 1-800-669-9777. The toll-free number for the hearing impaired is 1-800-927-9275.

LEGAL

PLEASE CHECK YOUR AD
Please read your ad the first day it appears in the newspaper. Report any errors immediately and we will gladly correct any errors published. Credit will be issued for one (1) day only. After the first day the ad can be corrected for the remaining number of runs, but credit will not be issued for days ad ran incorrectly.



LEGAL

NOTICE OF BOND RELEASE
Pursuant to Application Number 897-0591

In accordance with KRS 350.093, notice is hereby given that ICG Hazard, LLC, 250 West Main St., Suite 2000, Lexington, Kentucky 40507, has applied for Phase I bond release on Increments 25 & 26 and Phase I, II, and III bond release on increments 4, 15, 21, & 24 of permit number 897-0591, which was last issued on February 2, 2026. The application covers an area of approximately 56.66 acres located 1.7 miles southeast of Engle in Perry County.

The permit area is located approximately 2.82 miles southeast from KY 155 junction with KY Route 2446 and located on Rockhouse Fork of Lost Creek. The bond now in effect for Increment 4 is a surety bond in the amount of \$75,000.00. Approximately 100% of the original

bond amount of \$182,200.00 is included in the release. The bond now in effect for Increment 16 is a surety bond in the amount of \$3,000.00. Approximately 100% of the original bond amount of \$3,000.00 is included in the release. The bond now in effect for Increment 21 is a surety bond in the amount of \$1,500.00. Approximately 100% of the original bond amount of \$1,500.00 is included in the release. The bond now in effect for Increment 24 is a surety bond in the amount of \$40,200.00. Approximately 100% of the original bond amount of \$40,200.00 is included in the release. The bond now in effect for Increment 25 is a surety bond in the amount of \$75,000.00. Approximately 60% of the original bond amount of \$75,000.00 is included in the release. The bond now in effect for Increment 26 is a surety bond in the amount of \$2,100.00. Approximately 60% of the original bond amount of \$2,100.00 is included in the release. Reclamation work performed for the Phase 1 bond release includes: backfilling, grading, and seeding. This work was completed November 2004. Reclamation work performed for the Phase 1, 2, and 3 bond release includes: backfilling, grading, and seeding. This work was completed November 2004.

Written comments, objections, and requests for a public hearing or informal conference must be filed with the Director of the Division of Mine Reclamation and Enforcement, 300 Sower Boulevard, Frankfort, Kentucky 40601, by June 12, 2026. A public hearing on the application has been scheduled for June 17, 2026 at 10:00 am at the Division of Mine Reclamation and Enforcement's Hazard Regional Office located at 556 Village Lane, Hazard, KY 41702. The hearing will be cancelled if no request for a hearing or informal conference is received by June 12, 2026.

Comments, objections, and requests for a public hearing or informal conference must be filed with the Director of the Division of Mine Reclamation and Enforcement, 300 Sower Boulevard, Frankfort, Kentucky 40601, by June 12, 2026. A public hearing on the application has been scheduled for June 17, 2026 at 10:00 am at the Division of Mine Reclamation and Enforcement's Hazard Regional Office located at 556 Village Lane, Hazard, KY 41702. The hearing will be cancelled if no request for a hearing or informal conference is received by June 12, 2026.

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NEWSPAPER NOTICE

Knott and Perry Counties Bright Night is proposing to develop and construct an approximately 200-megawatt solar electric generating facility to be located in Perry and Knott Counties, Kentucky, approximately 12 miles northeast of the City of Hazard.

The public is invited to learn more about the project through the projects website and through two in-person informational sessions. You are welcome to attend one or both of these sessions; however, the same information will be provided at each.

The projects website can be accessed at <https://bright-nightpower.com/s/tarfire-project/>. Additionally, you may email questions regarding the project to jackson@bright-nightpower.com. BrightNight will host a public informational session within each respective county to provide details about the proposed Starfire 2 Renewable Energy Project, with project representatives available to answer questions from the community.

Please note the public information meeting originally scheduled for April 30, 2026, has been cancelled and rescheduled as detailed below.

The public informational session within Perry County will be held on Thursday, May 14, 2026, from 12-2 PM, at the meeting room of the Hampton Inn & Suites Hazard (70 Morton Blvd., Hazard, KY 41701). The public informational session within Knott County will be held on Thursday, May 14, 2026, from 3-5 PM, at the Knott County Fiscal Court Room 64, West Main St., Hindman, KY 41822.

A public hearing on the application has been scheduled for June 17, 2026 at 10:00 am at the Division of Mine Reclamation and Enforcement's Hazard Regional Office located at 556 Village Lane, Hazard, KY 41702. The hearing will be cancelled if no request for a hearing or informal conference is received by June 12, 2026.

A public hearing on the application has been scheduled for June 17, 2026 at 10:00 am at the Division of Mine Reclamation and Enforcement's Hazard Regional Office located at 556 Village Lane, Hazard, KY 41702. The hearing will be cancelled if no request for a hearing or informal conference is received by June 12, 2026.

ADVERTISE-MENT FOR BIDS

The Housing Authority of Hazard is requesting bids for siding replacement, involving the removal of existing siding and installation of new vinyl siding and trim on three buildings, 124 building, 133 building, and 140 building. The project requires specified materials moisture barriers, and disposal of old materials.

Interested parties should submit sealed bids to the Housing Authority of Hazard, 100 Campbell Street, Room A, Hazard, Kentucky 41701. All bids must be submitted by April 30, 2026 by 12:00 p.m. Bid packet will be available at Housing Authority of Hazard.

Contractors must have a minimum of five (5) years experience in similar work. Contractors must have contractor licenses and proof of insurance. The Housing Authority of Hazard reserves the right to reject any and all bids or to waive any informality in bidding. For additional information or questions, call (606) 436-5741.

PUBLIC NOTICE

Hazard Independent Schools will have a special called board meeting on Friday, April 24, 2026, at 12:30 P.M. at the Board of Education to review weight room bid. There will be an executive session after.

LEGAL NOTICE

Will the public please be advised that I, Jeffrey R. Morgan, a duly licensed and practicing attorney before the Perry Circuit Court, have been appointed Warning Order Attorney on behalf of Unknown Heirs, Devises, and Legatees of Joe Turner of 667 Ridgeview Way, Hazard, KY, who may have an interest in the property which is the subject matter of this action presently pending in the Perry Circuit Court styled Orchard Tax Lien Services, LLC, c/o Burns & Hausman, LLC, vs Brian Adams Development, LLC, et al; Civil Action No. 25-CV-00078. Anyone having knowledge of the people listed or if you are an heir of these defendants, you are requested to contact me at (606) 436-4361.

Will the public please be advised that I, Jeffrey R. Morgan, a duly licensed and practicing attorney before the Perry Circuit Court, have been appointed Warning Order Attorney on behalf of Unknown Heirs, Devises, and Legatees of Joe Turner of 667 Ridgeview Way, Hazard, KY, who may have an interest in the property which is the subject matter of this action presently pending in the Perry Circuit Court styled Orchard Tax Lien Services, LLC, c/o Burns & Hausman, LLC, vs Brian Adams Development, LLC, et al; Civil Action No. 25-CV-00078. Anyone having knowledge of the people listed or if you are an heir of these defendants, you are requested to contact me at (606) 436-4361.

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Public Notice

Notice is hereby given that Perry County Fiscal Court, 481 Main Street, Hazard, KY 41701 has filed an application with the Energy and Environment Cabinet to replace an existing bridge. The bridge is located from the intersection of KY Rt 15 and Lower Second Creek Road, 1.6 miles south along Lower Second Creek Road. Anyone having knowledge of the whereabouts of the above listed individual is requested to contact me at 264 East Main Street, Hazard, Kentucky 41701, telephone (606) 436-4878.

Public Notice

Notice is hereby given that Perry County Fiscal Court, 481 Main Street, Hazard, KY 41701 has filed an application with the Energy and Environment Cabinet to replace an existing bridge. The bridge is located from the intersection of KY Rt 15 and White Drive, .04 miles West along White Drive. Any comments or objections can be submitted via email to: DOWFloodplain@ky.gov Kentucky Division of Water, Floodplain Management Section, 300 Sower Blvd. Frankfort, KY 40601, Call 502-564-3410 with questions.

Public Notice

Notice is hereby given that Perry County Fiscal Court, 481 Main Street, Hazard, KY 41701 has filed an application with the Energy and Environment Cabinet to replace an existing bridge. The bridge is located from the intersection of KY Rt 80 and Pigeon Roost Road, 1.9 miles north along Pigeon Roost Road. Anyone comments or objections can be submitted via email to: DOWFloodplain@ky.gov Kentucky Division of Water, Floodplain Management Section, 300 Sower Blvd. Frankfort, KY 40601, Call 502-564-3410 with questions.

Call 436-5771 to place your ad.

LEGAL NOTICE

Will the public please be advised that I, Shasta K. Mullins, a duly licensed and practicing attorney before the Perry Circuit Court, have been appointed Warning Order Attorney to notify James Morris of a critical legal action involving their child in Perry Circuit Court. Anyone having knowledge of the whereabouts of the above listed individual is requested to contact me at 264 East Main Street, Hazard, Kentucky 41701, telephone (606) 436-4878.

BATHROOM REMODEL

BATH & SHOW. ER UPDATES in as little as ONE DAY! Affordable prices - No payments for 18 months! Lifetime warranty & professional installs. Senior & Military Discounts available. Call 1-833-770-4957. Jacuzzi Bath Remodel can install new, custom bath or shower in as little as one day. For a limited time, waiving ALL installation costs! (Additional terms apply. Subject to change and vary by dealer. Offer ends 12/27/26.) Call 1-866-837-5986

Safe Step. North America's #1 Walk-In Tubs. Comprehensive lifetime warranty. Top-of-the-line installation and service. Now featuring our FREE shower packages and \$1600 Off for a limited time! Call today! Financing available. Call Safe Step 1-888-302-4539

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Frankfort Office Space for rent: Second floor with four large office areas, restroom. Office desks, furnished. Located 1/2 mile from I-64 Lawrenceburg exit 53A. Electric, water, gas, utilities and internet included. \$2,200 per month. Call Bonnie Howard, Kentucky Press Association, 502-223-8821.

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LOOKING FOR SOMEONE TO WEED/AT
around residential home. Located 2 miles from Hazard in Hazard Call or text 606-506-2842#

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DEBT HELP
Inflation is at 40 year highs. Interest rates are way up. Credit Cards, Medical Bills, Car Loans. Do you have \$10K or more in debt? Call NATIONAL DEBT RELIEF and find out how to pay off your debt for significantly less than what you owe! FREE quote: Call 1-844-262-5602

Struggling with debt? If you have over \$15,000 in debt we help you be debt free in as little as 24-48 months. Pay nothing to enroll. Call Now: 1-877-857-0268

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FAST, FREE vehicle pickup and receive a top tax deduction! Call Veteran Car Donations at 1-833-984-2146 today!

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STATEWIDE CLASSIFIEDS

to schedule a FREE inspection and no obligation estimate. Get 15% off your entire order. Plus, Military & Seniors get an additional 10% off. Limited time only. Restrictions apply, see representative for warranty and offer details.

Replace your roof with the best looking and longest lasting material - steel from Erie Metal Roofs! Three styles and multiple colors available. Guaranteed to last a lifetime! Limited Time Offer up to 50% off installation. 4 Additional 10% off of retail! (for military, health workers & 1st responders.) Call Erie Metal Roofs: 1-888-306-0302

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DENTAL INSURANCE from Physicians Mutual Insurance Company. Coverage for 400 plus procedures. Real dental insurance - NOT just a discount plan. Do not wait! Call now! Dental Information Kit with all the details! 1-855-900-7392 www.dental50plus.com/2686258

NEWSPAPER AFFIDAVIT

I **Tim Cody**, of the TROUBLESOME CREEK TIMES newspaper published at Hindman, Kentucky, and having the largest general circulation of any newspaper in KNOTT COUNTY, KENTUCKY, do hereby certify from my own knowledge and a check of the files of this newspaper, that the advertisement of:

PUBLIC NOTICE - 200-megawatt solar electric generating facility

FOR **Brightnight; FBT Gibbons, Louisville, KY**

was inserted in the TROUBLESOME CREEK TIMES on the following dates:

Date **April 30, 2026** Page(s) **D3** Column(s) **4,5,6**

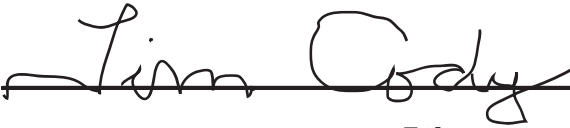
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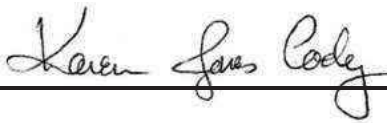
Date _____ Page(s) _____ Column(s) _____

Signature



Subscribed and sworn before me on this **5th** day of **May**, 2026, by the above.

NOTARY PUBLIC



NOTARY NAME **Karen Jones Cody**

TITLE **Notary Public**

JURISDICTION **State At Large**

NOTARY ID NUMBER **KYNP105139**

EXPIRATION DATE **September 23, 2029**

**COMMONWEALTH OF KENTUCKY
KNOTT CIRCUIT COURT
CIVIL ACTION NO. 25-CI-00136**

ROCKET MORTGAGE, LLC, et al

PLAINTIFF

VS.

**LORA ANN TRAEGER,
as administratrix of the
Estate of JUDY GIBSON, et al**

DEFENDANTS

NOTICE OF MASTER COMMISSIONER SALE

Pursuant to a Judgment In Rem and Order of Sale entered on January 5, 2026, in the office of the Knott Circuit Clerk, the undersigned, as Master Commissioner of said Court, will offer for sale on the 8th day of May, 2026, at the hour of 11:00 a.m. on the front steps of the Knott County Courthouse, on Main Street, Hindman, Kentucky, to the highest bidder at public sale the following property. The subject property located in Knott County, Kentucky and being more particularly described as follows:

Being certain tract of land located at 580 KY Highway 721 in Knott County, Kentucky. Being a portion of the tract conveyed to Carol Anna Fugate at Deed Book 95, at Page 623 in the County Court Clerk's Office and described as follows:

Monuments referred to herein as steel pin (set) are 5/8 inch rebar, with a plastic cap stamped Johnson PLS 3325. The bearings for this survey are based on a magnetic reading taken Jan. 27, 2007.

Beginning in Clear Creek at the bridge on the southern property line of a tract conveyed to J. Slone at Deed Book 219, Page 749 being the True Point of Beginning:

Thence along said Clear Creek South 21 degrees 45 minutes 00 seconds East, 163.96 feet to the center of new bridge;
Thence South 65 degrees 15 minutes 26 seconds West, 56.66 feet to a steel pin set;
Thence South 27 degrees 20 minutes 30 seconds East, 42.26 feet to a steel pin set;
Thence South 62 degrees 56 minutes 16 seconds West, 22.21 feet to a steel pin set;
Thence South 23 degrees 43 minutes 00 seconds East, 73.04 feet to 6 inch square concrete monument found;
Thence North 78 degrees 32 minutes 55 seconds West, 47.62 feet to a 6 inch square concrete monument found;
Thence North 64 degrees 50 minutes 53 seconds West, 146.93 feet to a 6 inch square concrete monument found;
Thence North 48 degrees 59 minutes 4 seconds West, 155.10 feet to a 6 inch square concrete monument found;
Thence North 66 degrees 44 minutes 22 seconds East, 164.01 feet to a steel pin set;
Thence North 64 degrees 11 minutes 44 seconds East, 119.66 feet to the True Point of Beginning containing 1.090 acres

Survey performed by Kenneth W. Johnson, PLS #325 on Feb. 9, 2007.

Being the same property conveyed to Judy Gibson by deed from John Barkley Slone and Jean Slone, his wife, dated 05/09/2014 and recorded with Knott County Clerk on 05/14/2014 in Book 269, Page 458, and commonly known as 580 Highway 721, Hazard, KY 41701 with PYA Map/Parcel No. 007-00-00 019.00

The property hereinabove described is indivisible, without materially impairing its value or the value of the plaintiffs interest therein, said property shall be sold together as a whole.

The foregoing property shall be sold for cash on the day of the sale. The purchaser shall be required to pay cash, certified or cashier's check at the time of the sale (we do not accept personal checks), or, at the option of the purchaser, to make a non-refundable deposit of ten percent (10%) of the bid price to apply to said purchase price. Purchaser shall execute a bond for the amount equal to the unpaid purchase price, with surety, and being approved by the Master Commissioner, maturing and payable within thirty (30) days, and bearing interest at the rate of 2-49% percent per annum.

This sale is being made without warranties of title. Any inspections or title searches for the property should be done prior to the Master Commissioner Sale.

In the event that the Plaintiff is the successful purchaser, then, and in that event, no payment shall be required and no bond shall be executed by them.

The amount to be realized from the sale is the highest amount.

JAMESON D. COMBS
MASTER COMMISSIONER
KNOTT CIRCUIT COURT
55 Pridemore Lane
Hindman, Kentucky 41822
Phone: (606) 785-4889
jdcombslaw@outlook.com

755-4/30 11b

TENNIS ... from page B1



**Mallory Hughes
with her parents, Fraan & Jamie Hughes**



Miranda Bartoe & parents, Gwen & Mike Bartoe

Mallory Reece Hughes is 18 years old. This is her sixth year playing on the Knott Central tennis team.

Mallory says her favorite memories of tennis are playing her first doubles match with Miranda and getting to play in the state tournament last year with Peyton Slone.

Mallory wishes to thank her team for being such great teammates. She would also like to thank her coaches through the years -- Doug and Yvonne Bentley, Jamie Combs and Greg Conn, and anyone who has helped her learn and come to love the game of tennis.

In her spare time, she enjoys art, traveling, tennis, and taking care of animals.

After graduation, Mallory plans to attend Morehead State University, where she will pursue a career in nursing with a BSN degree.

Kylie Miranda Bartoe is 18 years old. She has been on the KCC tennis team for six years.

Miranda's most memorable tennis moment was playing in the state tournament last year.

She would like to thank her parents for encouraging her and for being her biggest fans, attending matches to support her.

Miranda sends her thanks to Doug Bentley for coaching her, giving her lessons and dealing with her injuries. She would also like to thank Yvonne Bentley for going on the court with her to give her the courage to play at her first match.

Miranda says she is "thankful for

**COMMONWEALTH OF KENTUCKY
KNOTT CIRCUIT COURT
CIVIL ACTION NO. 23-CI-00121**

JIMMY HALL, et al

PLAINTIFFS

VS.

WHITAKER BANK, INC., et al

DEFENDANTS

NOTICE OF MASTER COMMISSIONER SALE

Pursuant to an Agreed Order and Judgment of Sale entered on February 16, 2026, in the office of the Knott Circuit Clerk, the undersigned, as Master Commissioner of said Court, will offer for sale on the 8th day of May, 2026, at the hour of 11:00 a.m. on the front steps of the Knott County Courthouse, on Main Street, Hindman, Kentucky, to the highest bidder at public sale the following property. The subject property located in Knott County, Kentucky and being more particularly described as follows:

BEGINNING on a stake at the road, thence crossing the road with Elizabeth Johnson's line; thence West along the Highway to a Poplar, thence across to the Creek; thence East along the creek to the Hollow; thence up the hollow to the Johnson and Hylton line to a stake at Eugene Johnson's line and with bia line to the creek and crossing the creek with his line and across the bottom and up the hill with the same to the top of High Knob at Jim Back and Johnson and Francis line; thence down the hill with Elizabeth Johnson's line to the foot of the hill at a Mulberry tree; thence across the bottom to a stake and the beginning.

Excepted from the above boundary is all property previously sold by Joe Johnson and Vina Johnson, his wife, including the following tracts:

1. Joe Johnson and Vina Johnson to Sidney Johnson and Usley Johnson as found in Deed Book 82, page 55.
2. Joe Johnson and Vina Johnson to Allie Johnson as found in Deed Book 85, page 144.
3. Joe Johnson and Vina Johnson to Sidney Johnson and Wurley Johnson as found in Deed Book 87, page 294.
4. Joe Johnson and Vina Johnson to U.S.A. as found in Deed Book 91, page 394.

The following tracts should also be looked to determine if they come out of the above described property.

1. To Elizabeth Johnson as found in Deed Book 75, page 302.
2. To John D. Johnson as found in Deed Book 75, page 301.
3. To Sarah Eraline Boggs as found in Deed Book 72, page 458.
4. To Eugene Johnson as found in Deed Book 74, page 10.
5. J.E. Johnson and Ada Johnson to Jethro Amburgey as found in Deed Book 54, page 341.
6. J.E. Johnson and Ada Johnson to Little Home Church as found in Deed Book 58, page 195.

Being the same property conveyed from Kenzie Tolliver and Lilly Tolliver, husband and wife, by deed dated April 01, 1987 to Joe Hall, Jr. And Mary Ann Hall, husband and wife, and recorded in Deed Book 140, Page 329 of the records in the Knott County Clerk's Office.

All deed being recorded in the Knott County Clerk's Office, and any other tracts sold by Joe Johnson and Vina Johnson and which are not specifically mentioned herein. Being the same land conveyed by Joe Johnson and Vina Johnson, his wife, to Kenzie Tolliver and Lilly Tolliver, his wife, by Deed dated March 31, 1987, and recorded in Deed Book 140, page 314, records of the Knott County Clerk's Office.

and commonly known as 99 Nascar Ridge, Redfox, Kentucky 41847 with PYA Map/Parcel No. 052-00-00-035.00

The property hereinabove described is indivisible, without materially impairing its value or the value of the plaintiffs interest therein, said property shall be sold together as a whole along with the mobile home situated on the real property, described as a 1990 singlewide mobile home.

The foregoing property shall be sold for cash on the day of the sale. The purchaser shall be required to pay cash, certified or cashier's check at the time of the sale (we do not accept personal checks), or, at the option of the purchaser, to make a non-refundable deposit of ten percent (10%) of the bid price to apply to said purchase price.

Purchaser shall execute a bond for the amount equal to the unpaid purchase price, with surety, and being approved by the Master Commissioner, maturing and payable within thirty (30) days. The successful bidder shall be obligated to pay court costs, the fees and costs of the Master Commissioner, and any real estate taxes payable pursuant to the agreed order and judgement of sale if it is the successful purchaser. The purchaser of the real property and mobile home described herein shall be required to pay ad valorem property taxes for the year 2024, and all subsequent years of ownership and shall take the real property subject to all easements and restrictive covenants of record in the Office of the Knott County Clerk.

This sale is being made without warranties of title. Any inspections or title searches for the property should be done prior to the Master Commissioner Sale.

The amount to be realized from the sale is the highest amount.

JAMESON D. COMBS
MASTER COMMISSIONER
KNOTT CIRCUIT COURT
55 Pridemore Lane
Hindman, Kentucky 41822
Phone: (606) 785-4889
jdcombslaw@outlook.com

754-4/30 1TB

PUBLIC NOTICE

BrightNight is proposing to develop and construct an approximately 200-megawatt solar electric generating facility to be located in Perry and Knott Counties, Kentucky, approximately 12 miles northeast of the City of Hazard.

The public is invited to learn more about the project through the project's website and through two in-person informational sessions. You are welcome to attend one or both of these sessions, however, the same information will be provided at each.

The project's website can be accessed at <https://brighthousepower.com/starfire-project/>. Additionally, you may email questions regarding the project to jackson@brighthousepower.com.

BrightNight will host a public informational session within each respective county to provide details about the proposed Starfire 2 Renewable Energy Project, with project representatives available to answer questions from the community. Please note the public information meeting originally scheduled for April 30, 2026, has been cancelled and rescheduled as detailed below.

The public informational session within Perry County will be held on Thursday, May 14, 2026, from 12-2 PM, at the meeting room of the Hampton Inn & Suites Hazard (70 Morton Blvd., Hazard, KY 41701). The public informational session within Knott County will be held on Thursday, May 14, 2026, from 3-5 PM, at the Knott County Fiscal Court Room (54 West Main St., Hindman, KY 41822). **754-4/30 1TB**

Jamie Combs, Greg Conn, and all my teammates, Miranda enjoys reading, going to church and spending time with her family and friends.

After graduation, she plans to attend Marshall University and study exercise science to become a physical therapist.

After graduation, she plans to attend Marshall



April 30, 2026

RE: Starfire 2 Renewable Energy Project Community Outreach

Dear Neighbor,

BrightNight is proposing to develop and construct an approximately 200-megawatt solar electric generating facility to be located in Perry and Knott Counties, Kentucky, approximately 12 miles northeast of the City of Hazard. As a neighbor to the project, you are invited to learn more about the project through the project's website and through two in-person informational sessions. You are welcome to attend one or both of these sessions; however, the same information will be provided at each. Please note the public information meeting originally scheduled for April 30, 2026, has been cancelled and rescheduled as detailed below

The public informational session within Perry County will be held on Thursday, May 14, 2026, from 12-2 PM, at the meeting room of the Hampton Inn & Suites Hazard (70 Morton Blvd., Hazard, KY 41701). The public informational session within Knott County will be held on Thursday, May 14, 2026, from 3-5 PM, at the Knott County Fiscal Court Room (54 West Main St., Hindman, KY 41822).

At any of these informational sessions, you can expect to learn about utility-scale solar development, Starfire 2 Project specifics, and what to expect during construction and project operations. We would also like to take this opportunity to get to know our neighbors and introduce BrightNight and the project team. In the meantime, please feel free to contact the project team at the contact information provided below. Your questions or concerns are welcome at any time.

BrightNight recognizes our projects have a long-term presence in the communities where they are sited, and we value your input during this process.

Best regards,

Jackson Doughty
Director, Project Development

Phone: (443) 602-4615

Email: jackson@brightnightpower.com

Company Website: www.brightnightpower.com

Project Website: <https://brightnightpower.com/starfire-project/>

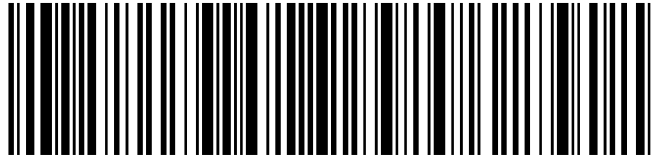
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004-00 00 003.00		HINDMAN KY 41822
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005-00 00 010.01		1 CITY PLACE DR, SUITE 300, SAINT LOUIS MO 63141
015-00 00 062.00		223 E CEDAR DR, PIKEVILLE, KY 41501
014-00 00 001.01		1 CITY PLACE DR, SUITE 300, SAINT LOUIS MO 63141
013-00 00 001.00		LEXINGTON KY
014-00 00 009.01		122 ROY CAMPBELL DR, HAZARD KY 41701-9407
015-00 00 061.00		122 ROY CAMPBELL DR, HAZARD KY 41701-9407
005-20 00 003.00		176 LEESBURG PIKE GEORGETOWN KY 40324
005-20 00 002.00		176 LEESBURG PIKE, GEORGETOWN KY 40324
005-00 00 019.02		176 LEESBURG PIKE, GEORGETOWN KY 40324
005-00 00 018.00		GEN DEL, TALCUM KY 41722
131-00 00 001.01		P.O. BOX 100, ARY, KY 41712
131-00 00 001.00		P.O. BOX 100, ARY, KY 41712
131-00 00 002.00		P.O. BOX 100, ARY, KY 41712
131-00 00 003.00		P.O. BOX 100, ARY, KY 41712
131-00 00 003.00		P.O. BOX 100, ARY, KY 41712
131-00 00 026.00		P.O. BOX 100, ARY, KY 41712
131-00 00 027.03		1668 BALLS FORK RD, ARY, KY 41712
131-00 00 027.02		5145 BERKSHIRE SOUTH BOULEVARD, GREENWOOD, IN 46142
131-00 00 027.04		614 BROOKVILE AVE, INDIANAPOLIS, IN 46203
131-00 00 024.00		PO BOX 817, HAZARD, KY 41702
131-00 00 016.00		PO BOX 460, ALLEN, KY 41601
131-00 00 002.01		P.O. BOX 100, ARY, KY 41712
131-00 00 005.00		221 HENRY CLAY BLVD LEXINGTON, KY 40502
131-00 00 015.00		P.O. BOX 100, ARY, KY 41712
131-00 00 014.02		P.O. BOX 100, ARY, KY 41712
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131-00 00 013.00		P.O. BOX 100, ARY, KY 41712
131-00 00 006.00		745 BALLS FORK RD ARY, KY 41712
131-00 00 014.01		244 CRAWFORD LN, HAZARD, KY 41701
131-00 00 011.00		1805 GREENSPOINT COVE, JONESBORO, AR 72401
131-00 00 007.00		PO BOX 433, ARY, KY 41712
131-00 00 010.02		PO BOX 771, BULAN, KY 41722
131-00 00 008.00		481 MAIN STREET SUITE, 100 HAZARD, KY 41701
131-00 00 009.00		MAC X2502-011 - 1 COME CAMPLUS, DES MOINES, IA 50328-0001
132-00 00 001.00		BOX 194 ARY, KY 41712
132-00 00 002.00		10328 NORTH COUNTY - 550 EAST, PITSBORO, IN 46167
112-00 00 056.00		221 HENRY CLAY BLVD LEXINGTON, KY 40502
112-00 00 055.00		P.O. BOX 100, ARY, KY 41712
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112-00 00 053.00		P.O. BOX 100, ARY, KY 41712
113-00 00 002.02		121 BALL BRANCH CEMETERY RD, ARY, KY 41712
112-00 00 047.00		6272 COBBLER CT, COLUMBIA, MD 21045
112-00 00 021.00		585 WILLIAMS BRANCH ROAD HAZARD, KY 41701
112-00 00 019.00		6096 CENTRAL RIDGE RD, MT. OLIVET, KY 41064
112-00 00 017.00		821 WILLIAMS BRANCH ROAD HAZARD, KY 41701
112-00 00 016.00		PO BOX 407, ARY, KY 41712
112-00 00 015.00		752 WILLIAMS BRANCH ROAD HAZARD, KY 41701
112-00 00 009.00		908 WILLIAMS BRANCH RD, HAZARD, KY 41701
112-00 00 009.02		PO BOX 989, HAZARD, KY 41702
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112-00 00 010.00		481 MAIN STREET, SUITE 100, HAZARD, KY 41701
112-00 00 005.00		275 TECHNOLOGY DRIVE, SUITE 101, CANONSBURG, PA 15317
112-00 00 001.00		275 TECHNOLOGY DRIVE, SUITE 101, CANONSBURG, PA 15317
111-00 00 002.00		275 TECHNOLOGY DRIVE, SUITE 101, CANONSBURG, PA 15317
111-00 00 001.00		275 TECHNOLOGY DRIVE, SUITE 101, CANONSBURG, PA 15317
111-00 00 004.00		275 TECHNOLOGY DRIVE, SUITE 101, CANONSBURG, PA 15317
111-00 00 003.00		P.O. BOX 100, ARY, KY 41712
112-00 00 018.00		P.O. BOX 100, ARY, KY 41712
112-00 00 013.00		P.O. BOX 100, ARY, KY 41712

112-00 00 002.00		P.O. BOX 100, ARY, KY 41712
227-00 00 001.00		223 E. CEDAR DR, PIKEVILLE, KY 41501
131-00 00 025.00		2830 UPPER SECOND CREEK RD., HAZARD, KY 41701
112-00 00 007.00		275 TECHNOLOGY DRIVE, SUITE 101, CANONSBURG, PA 15317
112-00 00 011.00		P.O. BOX 100, ARY, KY 41712
112-00 00 005.01		P.O. BOX 100, ARY, KY 41712
005-00 00 007.01		PO BOX 193A, ARY, KY 41712
013-00 00 003.01		1 CITY PLACE DR, SUITE 300, SAINT LOUIS, MO 63141
005-20 00 005.00		7680 VEST TALCUM RD, TALCUM, KY 41722
205-00 00 011.00		1 CITY PLACE DR, SUITE 300, SAINT LOUIS, MO 63141



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



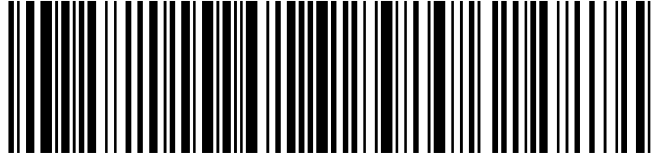
9214 8901 9403 8371 0041 97

[REDACTED]
1 CITY PLACE DR SUITE 300
SAINT LOUIS MO 63141



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



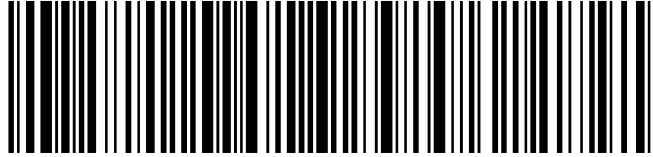
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[REDACTED]
PO BOX 462
HINDMAN KY 41822



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



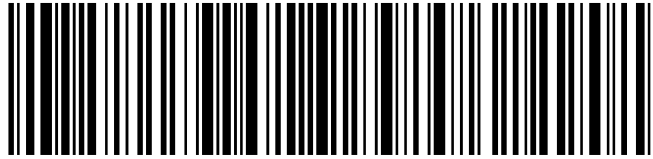
9214 8901 9403 8371 0042 10

[REDACTED]
122 ROY CAMPBELL DR
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



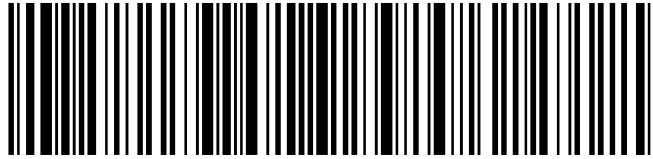
9214 8901 9403 8371 0042 27

[REDACTED]
1 CITY PLACE DR SUITE 300
SAINT LOUIS MO 63141



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



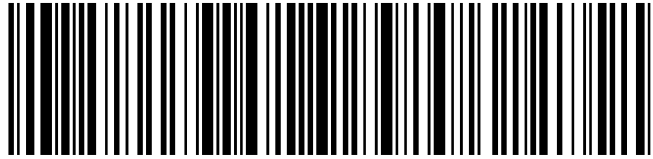
9214 8901 9403 8371 0042 34

[REDACTED]
223 E CEDAR DR
Pikeville KY 63141



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



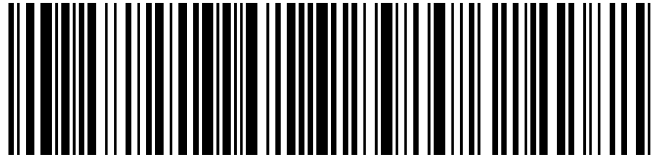
9214 8901 9403 8371 0042 41

[REDACTED]
1 CITY PLACE DR SUITE 300
SAINT LOUIS MO 63141



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



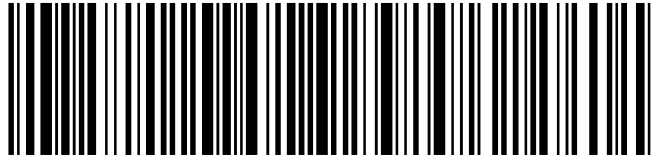
9214 8901 9403 8371 0042 58

Clayhole KY 41317



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



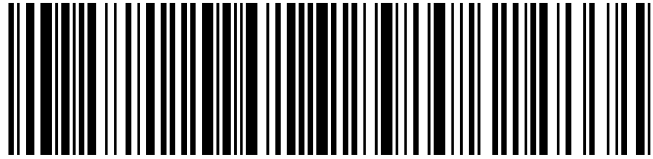
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[REDACTED]
122 ROY CAMPBELL DR
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



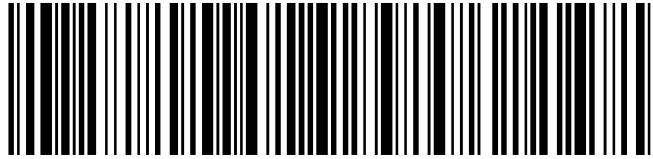
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[REDACTED]
122 ROY CAMPBELL DR
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



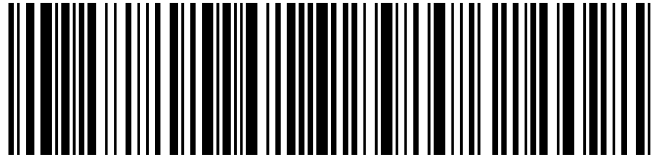
9214 8901 9403 8371 0042 89

[REDACTED]
176 LEESBURG PIKE
GEORGETOWN KY 40324



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



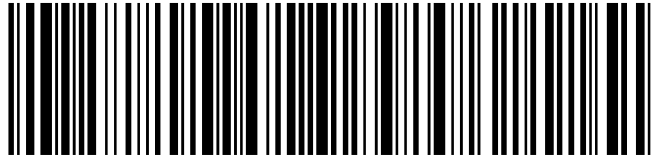
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[REDACTED]
176 LEESBURG PIKE
GEORGETOWN KY 40324



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



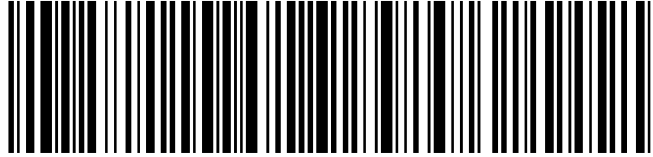
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176 LEESBURG PIKE
GEORGETOWN KY 40324



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



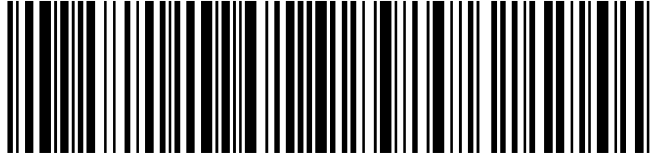
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GEN DEL
TALCUM KY 41722



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



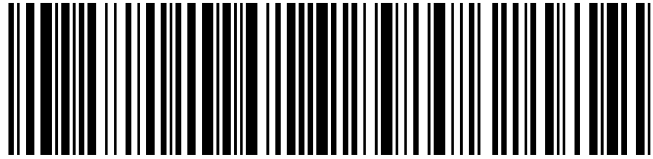
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



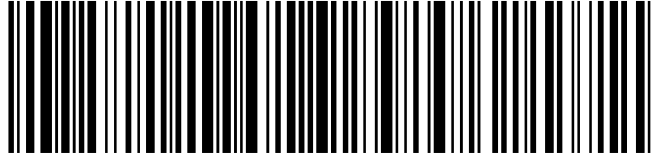
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



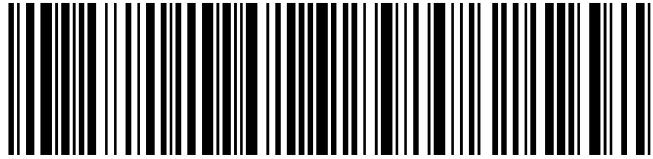
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



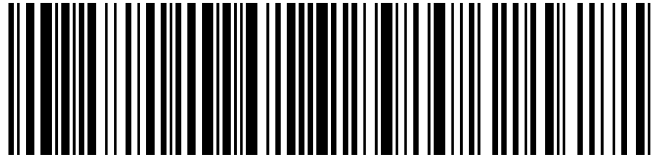
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[REDACTED]
PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



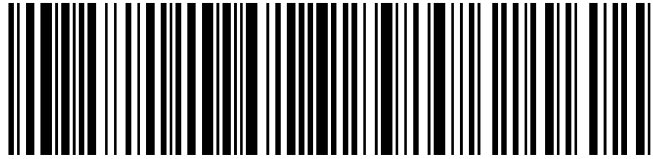
9214 8901 9403 8371 0043 64

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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



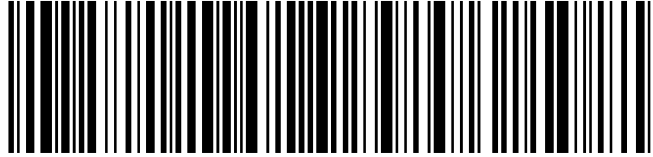
9214 8901 9403 8371 0043 71

[REDACTED]
PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



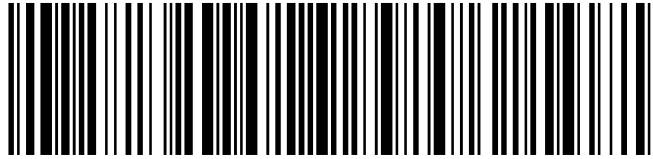
9214 8901 9403 8371 0043 88

[REDACTED]
1668 BALLS FORK RD
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



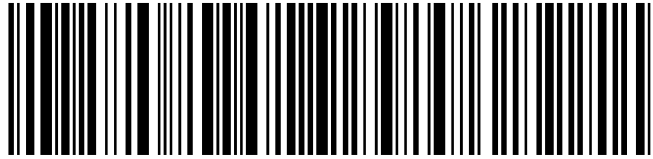
9214 8901 9403 8371 0043 95

[REDACTED]
5145 BERKSHIRE SOUTH BOULEVARD
GREENWOOD IN 46142



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



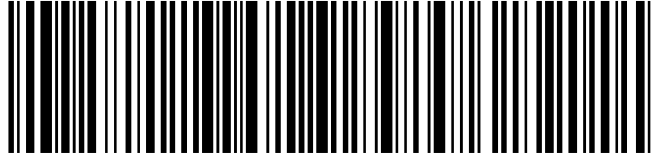
9214 8901 9403 8371 0044 01

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614 BROOKVILE AVE
INDIANAPOLIS IN 46203



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



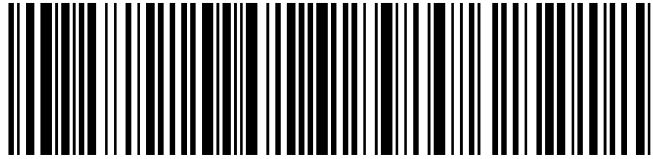
9214 8901 9403 8371 0044 18

[REDACTED]
PO BOX 817
HAZARD KY 41702



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



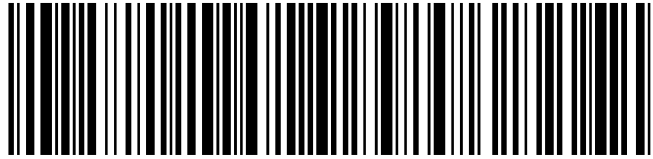
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PO BOX 460
ALLEN KY 41601



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



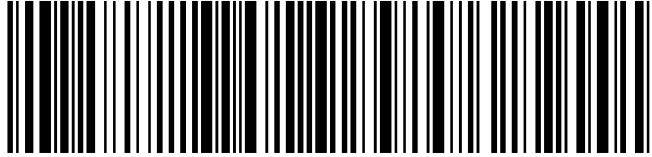
9214 8901 9403 8371 0044 32

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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



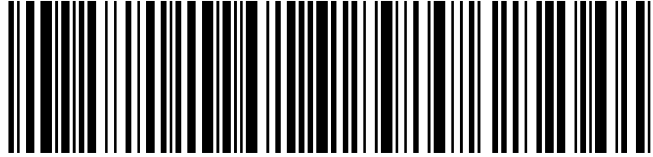
9214 8901 9403 8371 0044 49

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221 HENRY CLAY BLVD
LEXINGTON KY 40502



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



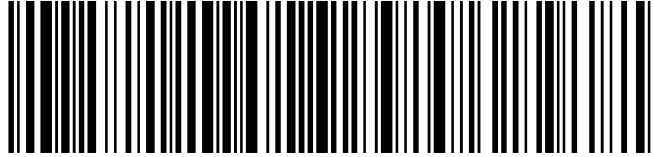
9214 8901 9403 8371 0044 56

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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



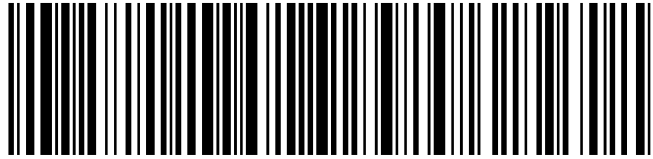
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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



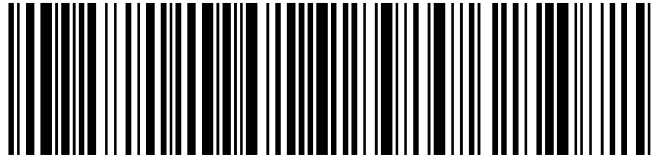
9214 8901 9403 8371 0044 70

[REDACTED]
PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



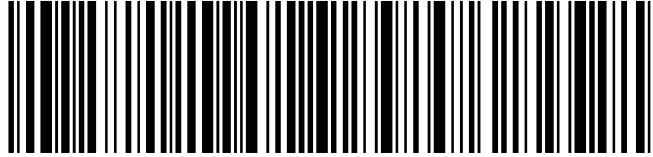
9214 8901 9403 8371 0044 87

[REDACTED]
PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



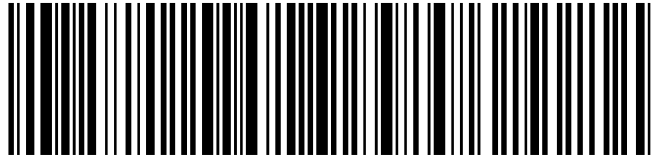
9214 8901 9403 8371 0044 94

[REDACTED]
745 BALLS FORK RD
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



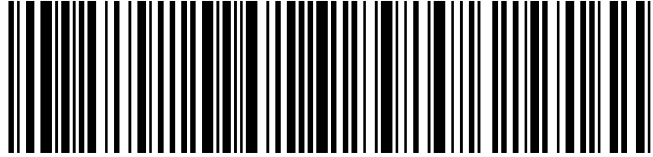
9214 8901 9403 8371 0045 00

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244 CRAWFORD LN
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



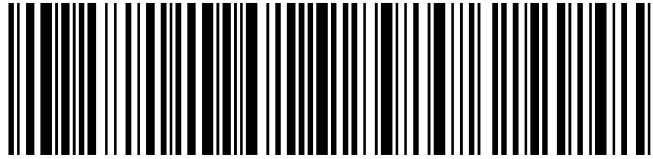
9214 8901 9403 8371 0045 17

[REDACTED]
1805 GREENSPPOINT COVE
JONESBORO AR 72401



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



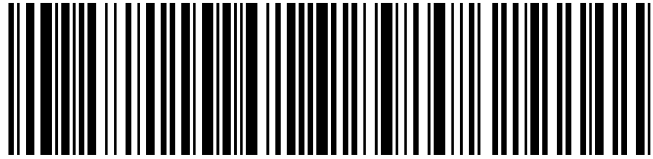
9214 8901 9403 8371 0045 24

[REDACTED]
PO BOX 433
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



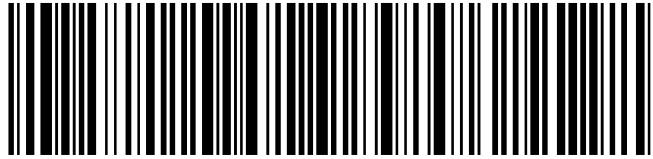
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PO BOX 771
BULAN KY 41722



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



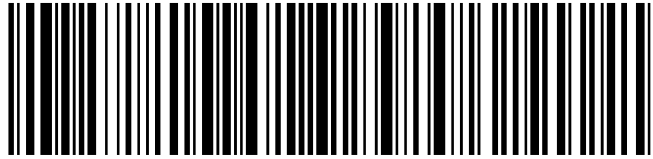
9214 8901 9403 8371 0045 48

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481 MAIN STREET SUITE 100
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



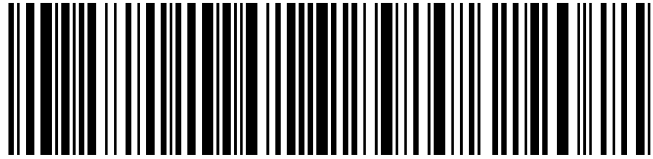
9214 8901 9403 8371 0045 55

MAC X2502-011 - 1 COME CAMPLUS
DES MOINES IA 50328



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



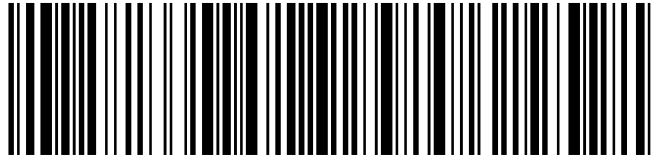
9214 8901 9403 8371 0045 62

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Box 194
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



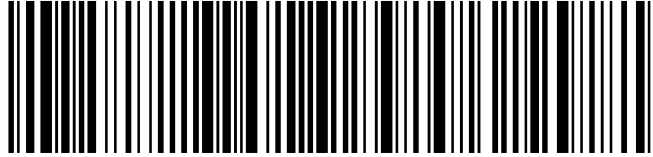
9214 8901 9403 8371 0045 79

[REDACTED]
10328 NORTH COUNTY - 550 EAST
PITSBORO IN 46167



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8371 0045 86

[REDACTED]
221 HENRY CLAY BLVD
LEXINGTON KY 40502



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



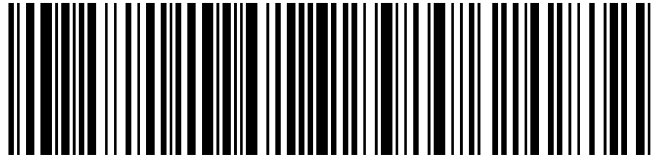
9214 8901 9403 8371 0045 93

[REDACTED]
PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



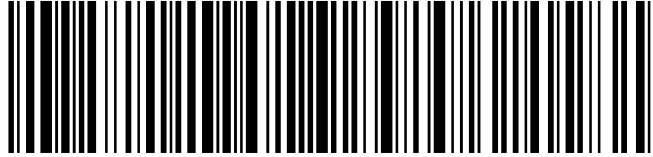
9214 8901 9403 8371 0046 09

[REDACTED]
PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



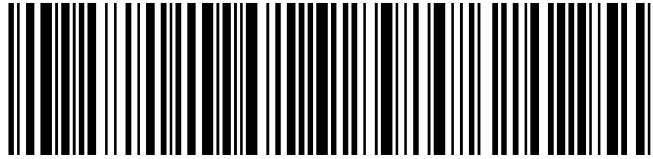
9214 8901 9403 8371 0046 16

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PO BOX 100
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



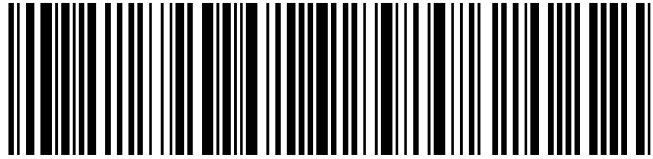
9214 8901 9403 8371 0046 23

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121 BALL BRANCH CEMETERY RD
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



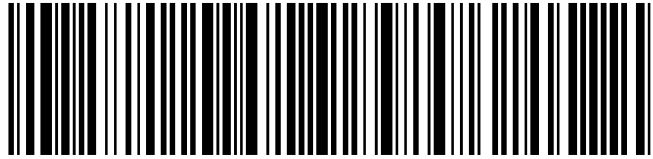
9214 8901 9403 8371 0046 30


6272 COBBLER CT
COLUMBIA MD 21045



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8371 0046 47

[REDACTED]
585 WILLIAMS BRANCH ROAD
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8371 0046 54

[REDACTED]
6096 CENTRAL RIDGE RD
MT OLIVET KY 41064



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



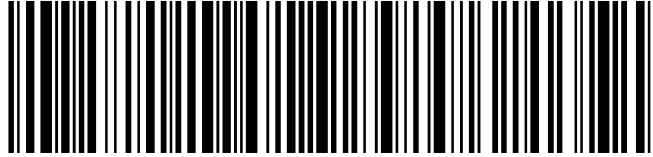
9214 8901 9403 8371 0046 61

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821 WILLIAMS BRANCH ROAD
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



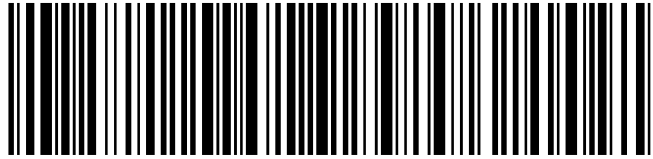
9214 8901 9403 8371 0046 78

[REDACTED]
PO BOX 407
ARY KY 41712



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



9214 8901 9403 8371 0046 85

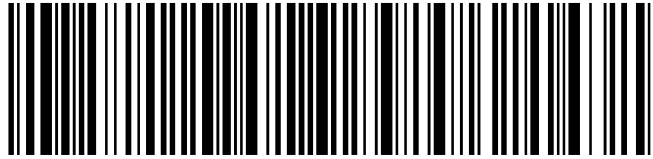


752 WILLIAMS BRANCH ROAD
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



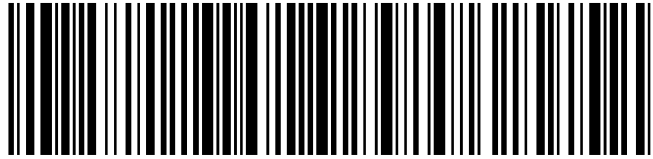
9214 8901 9403 8371 0046 92

[REDACTED]
908 WILLIAMS BRANCH RD
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



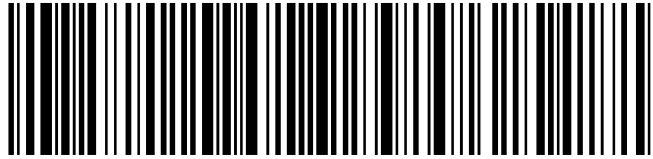
9214 8901 9403 8371 0047 08


PO BOX 989
HAZARD KY 41702



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



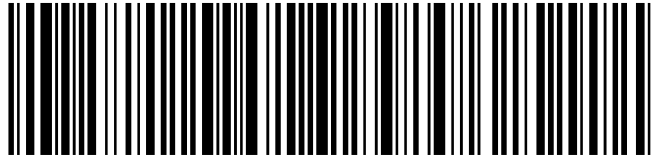
9214 8901 9403 8371 0047 15

[REDACTED]
908 WILLIAMS BRANCH RD
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



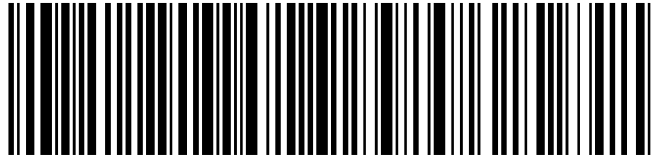
9214 8901 9403 8371 0047 22

[REDACTED]
481 MAIN STREET SUITE 100
HAZARD KY 41701



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



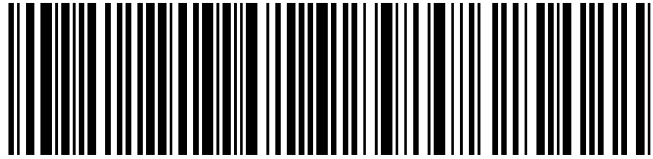
9214 8901 9403 8371 0047 39


275 TECHNOLOGY DRIVE SUITE 101
CANONSBURG PA 15317



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



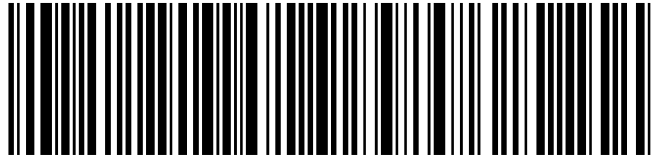
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[REDACTED]
275 TECHNOLOGY DRIVE SUITE 101
CANONSBURG PA 15317



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



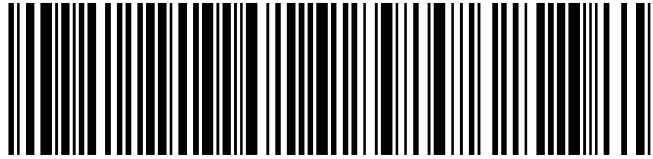
9214 8901 9403 8371 0047 53

[REDACTED]
275 TECHNOLOGY DRIVE SUITE 101
CANONSBURG PA 15317



FBT Gibbons
400 W Market Str., Ste. 3200
Louisville KY 40202

USPS CERTIFIED MAIL



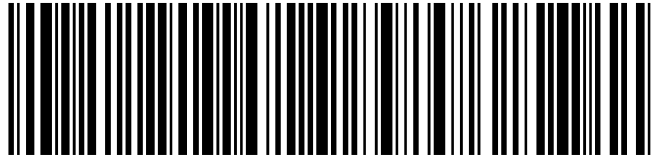
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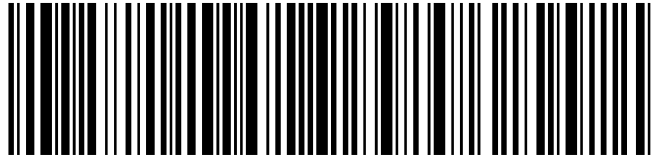
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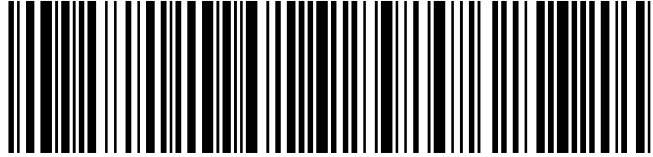
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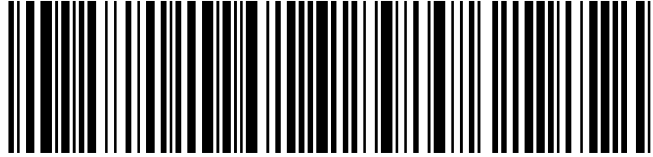
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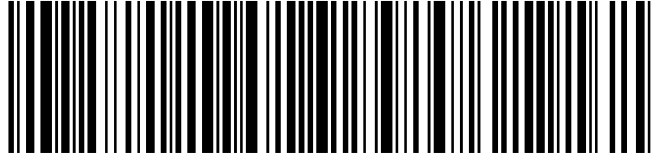
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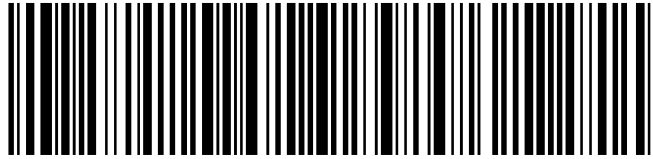
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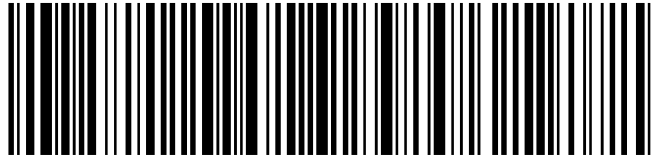
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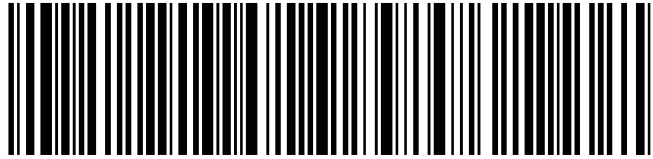
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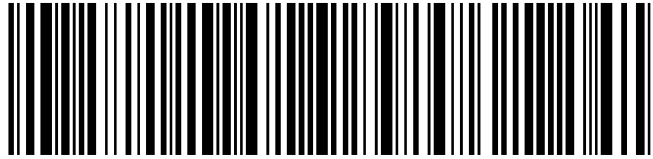
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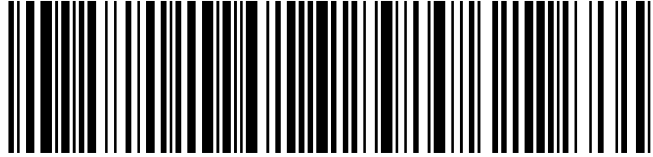
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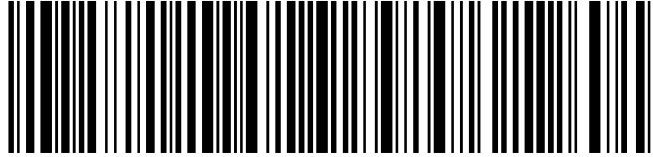
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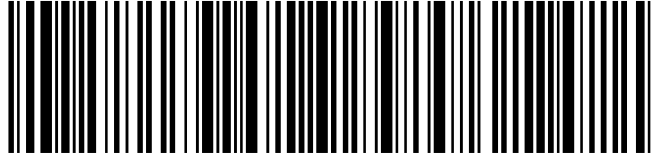
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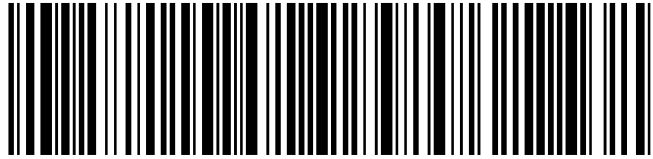
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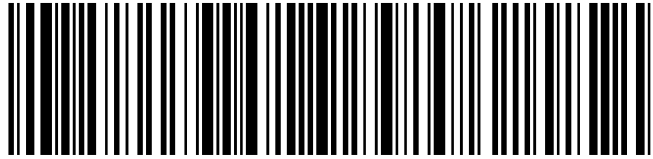
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FBT Gibbons
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Louisville KY 40202

USPS CERTIFIED MAIL



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SAINT LOUIS MO 63141



Public Information Meeting

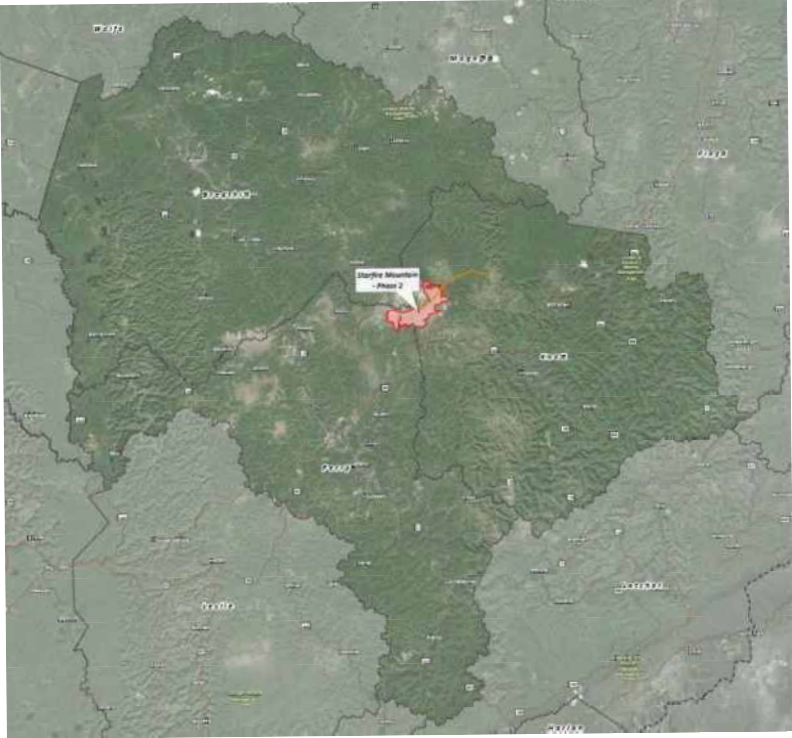
Starfire 2 Solar Project

May 14, 2026



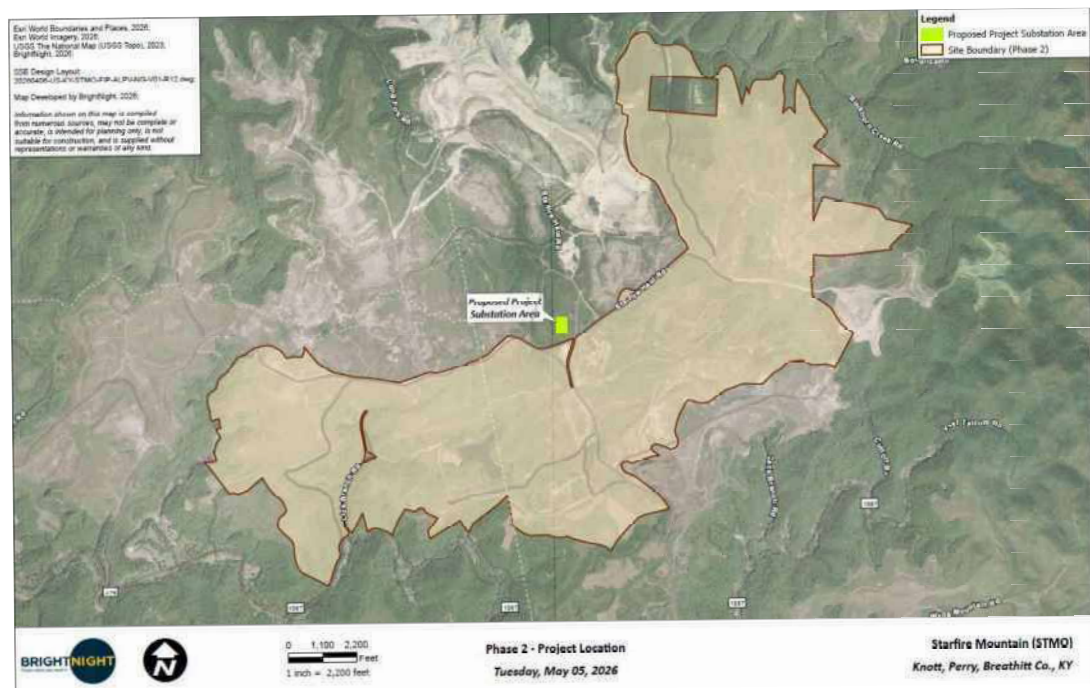
Starfire 2 | Project Overview

Proposed Location	
Location	Knott and Perry Counties, KY Hazard, KY – 12 Miles Northeast
Land	- Approximately 2,000 acres of project area (Starfire 1 included approximately 1,985 acres of project area) - Leased from private property owners - Sited on a former surface coal mine - Project will represent reclamation of a former coal site
Size	200 MW Solar
Overall Project	The Project represents Phase 2 of the overall 410 MW Starfire Solar Project
Power Customer	The Starfire Solar Project will have several customers, including Rivian Automotive, and another entity to be announced.
Power Location	Power generated from the Starfire project will go onto the local grid and be used by homes and businesses in the region.



Starfire 2 | Environmental & Land Studies

Site Surveys	Complete
Protected Species Desktop Survey	✓
Lidar Flight / Topography	✓
Wetlands / Waters delineation	In Progress
Geotech investigation	✓
Hydrology Study	In Progress
MET Station Deployment (Weather)	✓
Cultural Survey	In Progress
ALTA Survey	In Progress
Phase I Environmental Site Assessment	In Progress



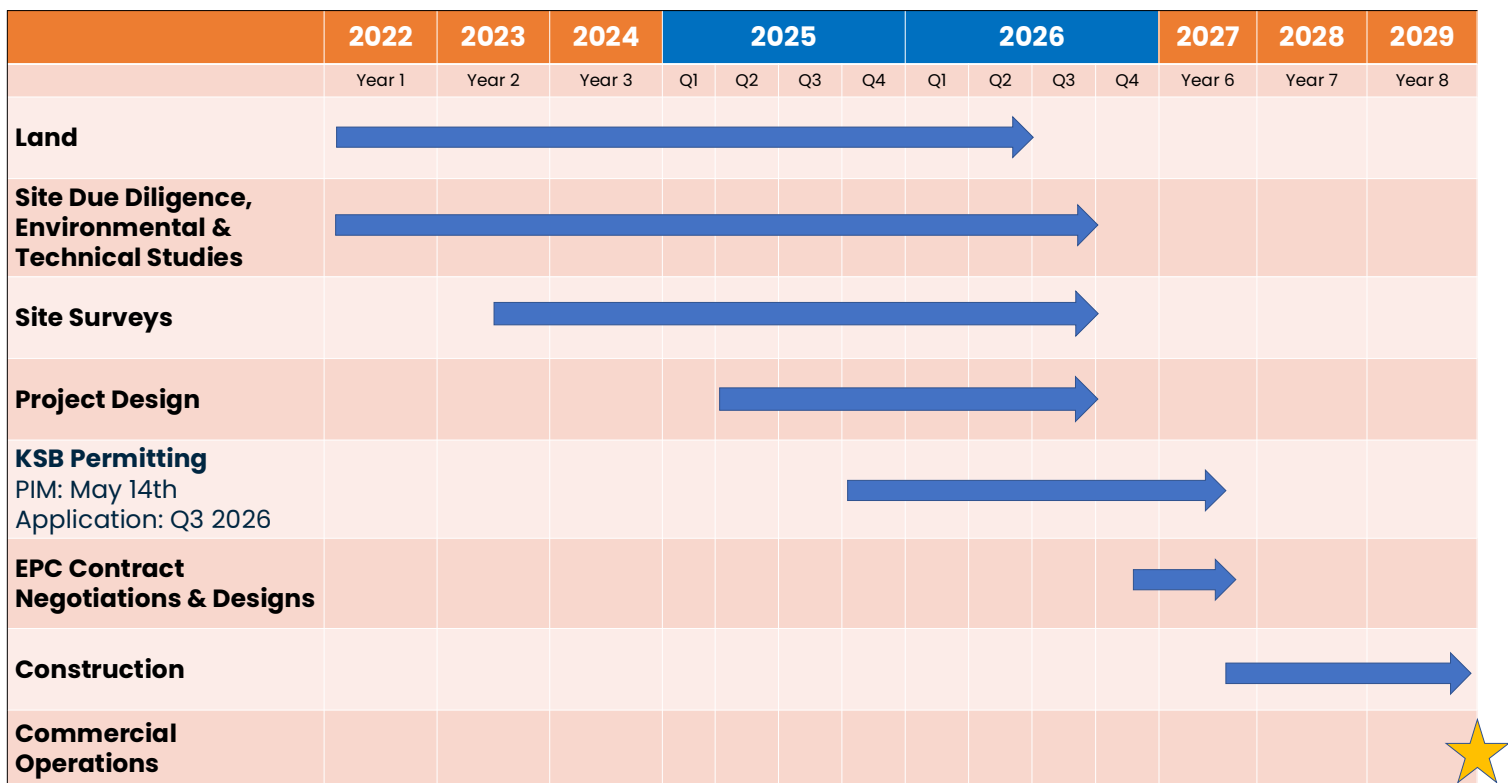
Starfire 2 | Engineering & Technology

BrightNight will address the following key design considerations:

- **Foundation geotechnical risks** – drilling to place foundation piles will be expected across the site from preliminary testing
- **Terrain following racking** –to reduce grading needs
- **Pre-construction settlement study** – to ensure differential settlement is not an operational risk
- **Modeling final mining reclamation** – to evaluate optimal PV layout
- **Irradiance Resource quality** – continue to evaluate on-site data against soiling from on-going mining operations and valley fog
- **Hydrology** – evaluate retention area needs and infiltration rates for 100-yr storm events on-site



Starfire 2 | Estimated Project Schedule & Development Process



Starfire 2 | Construction & Decommissioning

Construction

- **Timeline.** ~24–36 months, expected to begin in 2027.
- **Process.** The construction process includes several simple steps:
 - Pre-seeding and site preparation (preserve topsoil)
 - Installation of steel piles
 - Racking and Trackers
 - Install Solar Panels and other project infrastructure
 - Concurrent actions:
 - Project Substation and connections
 - Internal Project roads, access driveways, fencing

Decommissioning

- **Timeline:** Within 18 months
- **Process:** Also includes several simple steps:
 - Remove panels, racking, trackers and steel piles
 - Remove small cement pads for inverters and project substation
 - Remediate site back to substantially similar to pre-construction conditions
- **Financial Guarantee.** The project will post a bond to cover costs, as required by state law



Wildlife friendly Agriculture-style fencing

Starfire 2 | Benefits to Local Community



New Jobs

Construction

- New jobs throughout construction process
- Associated wages and benefits.

Operations

- New Jobs for facility maintenance and operations
- Associated wages/benefits.

Local Hire

- Commitment to hiring locally via coordination with the KY Career Center



Economic Output

Construction

- New economic output
- New state and local tax revenue

Operations

- The project would facilitate the release of Reclamation Bonds related to former mining activities, resulting in approximately \$8.3 million+ in annual economic output.



New Reliable Revenue for local community

Approved Industrial Revenue Bonds

- IRBs have been approved by all 3 Counties (Knott, Perry, Breathitt)
- **Estimated \$533,000 in new annual property tax revenues for full 410MW project** to local community
- Over \$15,900,000 in new property tax revenues over the life of the project



Community Support

Community Fund

BrightNight has committed to providing \$75,000 per year to fund the the bnCommunity Fund using revenue from the Starfire Project to fund community selected initiatives in the areas of conservation and workforce development

Support the local Chamber of Commerce

Starfire 2 | Anatomy of a Solar Project

Anatomy of a solar project

Panels and posts are safe for the environment. Their placement on land does not result in soil or water contamination

Agricultural land at rest during the life of a solar project **provides regenerative soil benefits:**

At the end of a project's life, the project is removed, and a **majority of the project materials will be recycled**

Solar panels

12-20 ft in height

Mechanism that slowly tilts panels to follow the sun

Solar panel surface area does not cause rainwater pooling

Traditional ground mount installation

No concrete

GROUND LEVEL

Up to 12 ft into the ground

Leased site selected for the project. Provides valuable income to local landowners

Aluminium Frame

Tempered Glass

Encapsulant - EVA

Solar cells

Encapsulant - EVA

Back sheet

Junction Box

Quiet operation

No odor or emissions

Monitored remotely with only occasional site visits

Panels are designed to absorb the sun, not reflect it. A glare study is conducted to ensure minimal impact

SIMULATION | PICTURED ON FLAT TERRAIN

Information shown on this map is compiled from numerous sources, may not be complete or accurate, is intended for planning only, is not suitable for construction, and is supplied without representations or warranties of any kind.



0 1,100 2,200
 Feet
 1 inch = 2,200 feet

Starfire Mountain (STMO)
Knott, Perry, Breathitt Co., KY

Kentucky Siting Board | Process

BrightNight is working with a team of consultants to complete studies and prepare an application for a Construction Certificate (KRS 278.700-718).

The Kentucky Siting Board (KSB), ~~which~~ will include two local representatives. The KSB process is designed to include public participation and local representation.

An evidentiary hearing will be held prior to the KSB decision, which includes sworn expert testimony.

The KSB review several areas, which include:

- 1. Impact to surrounding community;
- 2. Economic impacts; and
- 3. Impact onto the electric transmission grid.

Technical Studies
Cultural Resources Review
Traffic Impact Study
Socioeconomic Assessment
Property Value Assessment
Noise Evaluation
Visual Assessment
Landscaping Plan
Glare Study
Federal Aviation Administration Review
Decommissioning Plan



Frequently Asked Questions

- **Who Gets the Power** | Power will be sent to the transmission system owned by the AEP, which serves residential, commercial and industrial customers throughout Eastern Kentucky. The power will then flow to wherever it is needed, based on real time demand and system conditions. This could include homes, farms and businesses.
- **Decommissioning** | At the end of a project's life, the project will be removed, and the site will be restored. This is guaranteed through security BrightNight is required to provide before the project begins construction.
- **Material Disposal** | The majority of the project's components – glass, silicon, aluminum, steel and copper – can be readily recycled. Most of the weight of a solar panel (about 75 percent) is composed of glass.
- **Solar Projects are Safe** | Solar projects have been operating safely for more than 50 years. They are emissions free. The equipment does not produce or transfer any materials or hazardous levels of chemicals into the soil. Solar projects are the safest, cleanest form of electricity generation.
- **Glare** | BrightNight will hire an outside consultant to evaluate project glare and inform Project Design to ensure that no significant glare is expected on any roadways, homes or businesses near the project.
- **Property Value** | BrightNight commissioned a study by a Kentucky State Certified General Appraiser to evaluate property value impacts near the project. This study determined that the project will not negatively impact property values, a finding supported by a large body of evidence as similar projects have been developed in many rural and urban communities nationwide.
- **Emergency Response** | BrightNight will coordinate closely with local first responders to establish an Emergency Response Plan. BrightNight employs and regularly consults with industry experts specializing in energy facility safety.
- **Road Conditions** | A traffic analysis will be commissioned to evaluate traffic impacts during construction and operations. Typically, traffic increases can be accommodated with local roadways during construction. Minimal additional traffic during operations. BrightNight will be responsible for maintaining roads and repairing any damaged caused by construction traffic.





Starfire 2 Public Information Meeting

Welcome!

Please sign in

We like to stay connected with our community.

Please share your email address to be included in future Project updates.













Exhibit G

AH1-617 Phase I Study Report

v1.00 released 2025-10-29 21:48

Harbert Metering 138 kV
120.0 MW Capacity / 200.0 MW Energy

Introduction

This Phase I System Impact Study Report (PH1) has been prepared in accordance with the PJM Open Access Transmission Tariff, Part VII, Subpart D, sections 307 and 308 for New Service Requests (projects) in Transition Cycle 2. The Project Developer/Eligible Customer (developer) is STMO bn, LLC, and the Transmission Provider (TP) is PJM Interconnection, LLC (PJM). The interconnected Transmission Owner (TO) is American Electric Power.

Preface

The Phase I System Impact Study is conducted on an aggregate basis within a New Services Request’s Cycle, and results are provided in both (i) a single Cycle executive summary format and (ii) an individual project-level basis. The Phase I System Impact Study Results (for both the executive summary and individual reports) will be publicly available on PJM’s website. Developers must obtain the results from the website.

In accordance with PJM Manual 14H, section 4.3, PJM takes the following actions during the Phase I System Impact Study:

- 1. PJM studies each New Service Request on a summer peak, winter peak and light load RTEP base case study. The case year is dependent on the new services cycle under study. PJM will identify the base case year to be used in the study of a specific cycle on its website.
- 2. PJM will only perform load flow analysis during the Phase I System Impact Study.
- 3. In Phase I of the Cycle, PJM conducts an Affected System screen to identify any New Service Request with Affected System impacts and provides each Affected System Operator with a list of New Service Request in the Cycle with potential impacts to their respective system.
- 4. PJM will create both the short circuit and stability base cases to be used in the Phase II System Impact Study.
- 5. The Phase I System Impact Study results will be publicly available on PJM’s website. Project Developers and Eligible Customers must obtain the results from the website.

The Transmission Owner takes the following actions during the Phase I System Impact Study:

- 1. Identify required Interconnection Facilities to accommodate the New Service Request.
- 2. Identify required Network Upgrades to mitigate system violations from the Phase I System Impact Study.
- 3. Provide planning-level preliminary estimates of Interconnection Facilities and Network Upgrades including scope, cost and elapsed time to complete the work.

Decision Point I Requirements

At the close of Phase I System Impact Study, PJM will initiate Decision Point I (DP1). During DP1, the Project Developer will have 30 days to decide whether to proceed with their project. If the Project Developer elects to proceed, they should provide the elements defined in the PJM Open Access Transmission Tariff, Part VII, Subpart D, section 309.A.1. Additional information on these elements is available in PJM Manual 14H sections 4.4, 6, and 7.

Allowable project modifications at Decision Point I are defined in PJM Open Access Transmission Tariff, Part VII, Subpart D, section 309.B. Additional information regarding allowable project modifications can be found in PJM Manual 14H, section 9.8.

General

The Project Developer has proposed a Solar generating facility located in the American Electric Power zone – Kentucky. The installed facilities will have a total capability of 200.0 MW with 120.0 MW of this output being recognized by PJM as Capacity.

Project Information

New Service Request Number: AH1-617

Project Name:	Harbert Metering 138 kV
Project Developer Name:	STMO bn, LLC
State:	Kentucky
County:	Undetermined
Transmission Owner:	American Electric Power
MFO:	200.0
MWE:	200.0
MWC:	120.0
Fuel Type:	Solar
Basecase Study Year:	2028

Physical Interconnection Facility Study

Physical Interconnection Facilities Study is not performed as part of the Phase I System Impact Study. Physical Interconnection Facilities Study will commence in the Phase II System Impact Study.

Point of Interconnection

AG2-184 will interconnect on the American Electric Power transmission system by tapping the Spicewood Metering - Soft Shell 138 KV Line.

Cost Summary

The table below shows a summary of the total cost estimates for this New Service Request project. In the Phase I SIS, the costs shown are subject to change as a result of a facility study performed by the TO during the Phase II or Phase III System Impact Study.

Based on the Phase I SIS results, the AH1-617 project has the following allocation of costs for interconnection. The cost contribution towards Readiness Deposit are also shown below.

Cost Summary		
Description	Cost Allocated to AH1-617	Cost Subject to Readiness*
Transmission Owner Interconnection Facilities (TOIF)	\$0	\$0
Other Scope	\$0	\$0
Option To Build Oversight	\$0	\$0
Physical Interconnection Network Upgrades		
Stand Alone Network Upgrades	\$17,307,587	\$17,307,587
Network Upgrades	\$0	\$0
System Reliability Network Upgrades		
Steady State Thermal & Voltage (SP & LL)	\$10,565,456	\$10,565,456
Transient Stability	\$0	\$0
Short Circuit	\$0	\$0
Transmission Owner Analysis		
SubRegional	\$231,376	\$231,376
Distribution	\$14,898	\$0
Affected System Reinforcements		
AFS - PJM Violatons	\$0	\$0
AFS - Non-PJM Violations	\$0	\$0
Total	\$28,119,317	\$28,104,420

* Contributes to calculation for Readiness Deposit #2 (RD2). See Readiness Deposit section of report for additional detail.

Definitions

Transmission Owner Interconnection Facilities: Facilities that are owned, controlled, operated and maintained by the Transmission Owner on the Transmission Owner's side of the Point of Change of Ownership to the Point of Interconnection, including any modifications, additions or upgrades made to such facilities and equipment, that are necessary to physically and electrically interconnect the Generating Facility with the Transmission System or interconnected distribution facilities.

Stand Alone Network Upgrades: Network Upgrades, which are not part of an Affected System, which a Project Developer may construct without affecting day-to-day operations (e.g. taking a transmission outage) of the Transmission System during their construction.

Network Upgrades: Modifications or additions to transmission-related facilities that are integrated with and support the Transmission Provider's overall Transmission System for the general benefit of all users of such Transmission System. Network Upgrades have no impact or potential impact on the Transmission System until the final tie-in is complete.

Notes

Note 1: PJM Open Access Transmission Tariff (OATT), Part VII, Subpart D, section 307.5 outlines cost allocation rules. The rules are further clarified in PJM Manual 14H, section 4.2.6. PJM shall identify the New Service Requests in the Cycle contributing to the need for the required Network Upgrades within the Cycle. All New Service Requests that contribute to the need for a Network Upgrade will receive cost allocation for that upgrade pursuant to each New Service Request's contribution to the reliability violation identified on the transmission system in accordance with PJM Manuals.

Note 2: There will be no inter-Cycle cost allocation for Interconnection Facilities or Network Upgrades identified in the System Impact Study costs identified in a Cycle; all such costs shall be allocated to New Service Requests in that Cycle.

Note 3: For Project Developers with System Reinforcements listed: If this project presents cost allocation to a System Reinforcement indicates \$0, then please be aware that as changes to the interconnection process occur, such as other projects withdrawing, reducing in size, etc, the cost responsibilities can change and a cost allocation may be assigned to this project. In addition, although this project presents cost allocation to a System Reinforcement is presently \$0, this project may need this system reinforcement completed to be deliverable to the PJM system. If this project desires to come into service prior to completion of the system reinforcement, the Project Developer will need to request PJM to perform an interim deliverability study to determine if they would be deliverable for all or a portion of their output for each delivery year until the system reinforcement is complete.

Readiness Deposit

Per Tariff Part VII, Subpart D, section 309 (Decision Point I) A.1.a.i and PJM Manual 14H, section 6.2, Readiness Deposit #2 (RD2) are funds committed by the Project Developer or Eligible Customer based upon the applicable contribution to Network Upgrades as defined below. Readiness Deposits are not used to fund studies nor to offset Security.

During Decision Point I (DP1), the Project Developer or Eligible Customer is required to submit Readiness Deposit #2, which is calculated as 10% of cost allocation for required Phase I Network Upgrades minus Readiness Deposit #1.

Note 1: “Network Upgrades” referred to in the calculation include both (i) the Physical Interconnection Network Upgrades and (ii) the System Reliability Network Upgrades as shown in the Cost Summary table.

Note 2: Readiness Deposit #1 (RD1) = (\$4,000 * Project Size (MW))

Note 3: Readiness Deposit #2 (RD2) = 10% of cost allocation for required Network Upgrades minus RD1. Readiness Deposit #2 (RD2) can be zero, but may not be a negative number.

Readiness Deposit #2 Due for Project AH1-617

Readiness Deposit #2 has been calculated for the project based on the Phase I System Impact Study results and is shown in the table below. This Readiness Deposit #2 must be provided at Decision Point I through either a wire transfer or letter of credit per Manual 14H, Section 6.2.

Readiness Deposit			
Project ID	10% of cost allocation for Phase I Network Upgrades	Readiness Deposit #1 Received (RD1)	Readiness Deposit #2 (RD2) for AH1-617 Project due at DP1
	A	B	A - B
AH1-617	\$2,810,442	\$800,000	\$2,010,442

Note: Failure to provide an acceptable form of Readiness Deposit #2 by the end of Decision Point I will result in withdrawal and termination of the New Service Request.

For additional detail regarding Readiness Deposit Refunds, reference PJM Manual 14H, section 6.2.1. The Readiness Deposit Letter of Credit template can be found [here](#).

Transmission Owner Scope of Work

The total preliminary cost estimate for the Transmission Owner scope of work (including TOIF and Physical Interconnection Network Upgrades) is given in the table below. These costs do not include CIAC Tax Gross-up.

Stand-Alone Network Upgrades			
RTEP ID	Description	Total Cost (\$USD)	Allocated Cost (\$USD)
(Pending)	AEP will construct a new breaker and a half station, initially populated with 3 breakers and operated as a ring bus	\$34,615,174	\$17,307,587 (See Note 1)

Based on the scope of work for the Interconnection Facilities, it is expected to take a range of 24 to 30 month(s) after the signing of a Generator Interconnection Agreement (as this is a FERC connection) and construction kickoff call to complete the installation of the physical connection work. This assumes that there will be no environmental issues with any of the new properties associated with this project, that there will be no delays in acquiring the necessary permits for implementing the defined interconnection work, and that all system outages will be allowed when requested.

The schedule for any required Network Impact Reinforcements will be more clearly identified in the Phase II and Phase III System Impact Studies.

Note 1: A Common Use Upgrade is a Network Upgrade that is needed for the interconnection of Generating Facilities or Merchant Transmission Facilities of more than one Project Developer or Eligible Customer and which is the shared responsibility of each Project Developer or Eligible Customer. If multiple Project Developers request to connect to the same interconnection substation, the Transmission Owner will determine the cost to accommodate all the requests at the substation. The cost for the interconnection will be allocated in proportion to the number of required terminations into the substation.

Transmission Owner Analysis

Transmission Owner Identified Network Impacts

The Transmission Owner identified network impacts to Distribution facilities as follows:

Transmission Owner Identified Network Impacts to Distribution Facilities

Overloaded Element	Contingency	Rating [MVA]	Final Cycle Loading %	Contribution [MW]
244480 05CHAUNCEY 46.0 - 244511 05RICH CRK 46.0 CKT 1	AEP_P4_#14137_05LOGAN1 138_F_SRT-A	29.0	115.52 %	3.13
244511 05RICH CRK 46.0 - 244498 05HUFFCRK 46.0 CKT 1	AEP_P4_#14137_05LOGAN1 138_F_SRT-A	29.0	114.72 %	3.13
244558 05SPRIGG 46.0 - 244550 05GRAPEVIN 46.0 CKT 1	AEP_P4_#14137_05LOGAN1 138_F_SRT-A	18.0	118.77 %	1.92
244558 05SPRIGG 46.0 - 244550 05GRAPEVIN 46.0 CKT 1	AEP_P7-1_#10809___SRT-A	18.0	111.71 %	1.82

The Transmission Owner identified network impacts to Sub-Regional facilities as follows:

Transmission Owner Identified System Reinforcements on Sub-Regional Facilities

Overloaded Element	Contingency	Rating [MVA]	Final Cycle Loading %	Contribution [MW]
243709 05BLUEGRAS 69.0 - 243730 05HAZARD 2 69.0 CKT 1	AEP_P4_#9507_05BEAVER CR2 138_P_SRT-A	75.0	124.24 %	37.42
243709 05BLUEGRAS 69.0 - 243730 05HAZARD 2 69.0 CKT 1	AEP_P4_#13977_05BECKHA 138_K_SRT-A	75.0	104.28 %	24.09
243710 05BONNYMAN 69.0 - 243718 05COMBS 69.0 CKT 1	AEP_P4_#9507_05BEAVER CR2 138_P_SRT-A	75.0	143.84 %	37.42
243710 05BONNYMAN 69.0 - 243718 05COMBS 69.0 CKT 1	AEP_P4_#13977_05BECKHA 138_K_SRT-A	75.0	123.29 %	24.09
243710 05BONNYMAN 69.0 - 243718 05COMBS 69.0 CKT 1	AEP_P4_#9504_05BEAVER CR1 138_M_SRT-A	75.0	113.1 %	26.51
243710 05BONNYMAN 69.0 - 243718 05COMBS 69.0 CKT 1	AEP_P2-2_#9501_05BEAVER CR1 138_1_SRT-A	75.0	113.1 %	26.51
243710 05BONNYMAN 69.0 - 243718 05COMBS 69.0 CKT 1	AEP_P4_#9505_05BEAVER CR1 138_N_SRT-A	75.0	113.07 %	26.51
243710 05BONNYMAN 69.0 - 243718 05COMBS 69.0 CKT 1	AEP_P4_#13068_05HAZARD1- 69.0_F_SRT-A	75.0	105.83 %	19.47
243710 05BONNYMAN 69.0 - 243718 05COMBS 69.0 CKT 1	AEP_P2-2_#9502_05BEAVER CR2 138_2_SRT-A	75.0	101.34 %	20.71
243710 05BONNYMAN 69.0 - 243718 05COMBS 69.0 CKT 1	AEP_P2-2_#13393_05BEAVERCR 69.0_1_SRT-A	75.0	101.34 %	20.71
243710 05BONNYMAN 69.0 - 243745 05SHAMROCK 69.0 CKT 1	AEP_P4_#9507_05BEAVER CR2 138_P_SRT-A	75.0	106.73 %	25.54
243718 05COMBS 69.0 - 243709 05BLUEGRAS 69.0 CKT 1	AEP_P4_#9507_05BEAVER CR2 138_P_SRT-A	75.0	127.09 %	37.42
243718 05COMBS 69.0 - 243709 05BLUEGRAS 69.0 CKT 1	AEP_P4_#13977_05BECKHA 138_K_SRT-A	75.0	110.21 %	24.09
243718 05COMBS 69.0 - 243709 05BLUEGRAS 69.0 CKT 1	AEP_P4_#9505_05BEAVER CR1 138_N_SRT-A	75.0	106.67 %	26.51
243718 05COMBS 69.0 - 243709 05BLUEGRAS 69.0 CKT 1	AEP_P4_#9504_05BEAVER CR1 138_M_SRT-A	75.0	106.63 %	26.51
243718 05COMBS 69.0 - 243709 05BLUEGRAS 69.0 CKT 1	AEP_P2-2_#9501_05BEAVER CR1 138_1_SRT-A	75.0	106.63 %	26.51

Transmission Owner Identified System Reinforcements

AH1-617 Transmission Owner Identified System Reinforcements Cost Breakdown:

TO	RTEP ID / TO ID	Category	Title	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AEP	(Pending) / TC2-AEP-162	SubRegional	Bluegrass - Hazard: Sag study ~0.5 miles of 69kV line, replace the 69kV switches at Bluegrass and Hazard	37.4 MW	39.2%	\$78,432
AEP	(Pending) / TC2-AEP-167	SubRegional	Bonnyman - Combs: Sag study ~3 miles of 69kV line, replace the 69kV switch at Combs	37.4 MW	39.2%	\$50,981
AEP	(Pending) / TC2-AEP-173	SubRegional	Bonnyman - Shamrock: Sag study ~3 miles of 69kV line	25.5 MW	39.2%	\$11,766
AEP	(Pending) / TC2-AEP-180	SubRegional	Bluegrass - Combs: Sag study ~2.5 miles of 69kV line, replace switches at Combs, replace switches at Bluegrass	37.4 MW	39.2%	\$90,197
AEP	(Pending) / TC2-AEP-185	Distribution	Chauncey - Rich Creek: Sag study ~3.5 miles of 46kV line	3.1 MW	14.9%	\$5,959
AEP	(Pending) / TC1-AEP-186	Distribution	Rich Creek - Huff Creek: Sag study ~5.25 miles of 46kV line	3.1 MW	14.9%	\$8,939
Grand Total:						\$246,274

System Reinforcement

TO	AEP
RTEP ID / TO ID	(Pending) / TC2-AEP-162
Category	SubRegional
Title	Bluegrass - Hazard: Sag study ~0.5 miles of 69kV line, replace the 69kV switches at Bluegrass and Hazard
Description	Bluegrass - Hazard: Sag study ~0.5 miles of 69kV line, replace the 69kV switches at Bluegrass and Hazard
Total Cost	\$200,000
Contributor	

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	39.3 MW	41.2%	\$82,352
AH1-617	37.4 MW	39.2%	\$78,432
AH1-644	18.7 MW	19.6%	\$39,216

System Reinforcement

TO	AEP
RTEP ID / TO ID	(Pending) / TC2-AEP-167
Category	SubRegional
Title	Bonnyman - Combs: Sag study ~3 miles of 69kV line, replace the 69kV switch at Combs
Description	Bonnyman - Combs: Sag study ~3 miles of 69kV line, replace the 69kV switch at Combs
Total Cost	\$130,000

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	39.3 MW	41.2%	\$53,529
AH1-617	37.4 MW	39.2%	\$50,981
AH1-644	18.7 MW	19.6%	\$25,490

Contributor**System Reinforcement**

TO AEP

RTEP ID / TO ID (Pending) / TC2-AEP-173

Category SubRegional

Title Bonnyman - Shamrock: Sag study ~3 miles of 69kV line

Description Bonnyman - Shamrock: Sag study ~3 miles of 69kV line

Total Cost \$30,000

Contributor

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	26.8 MW	41.2%	\$12,351
AH1-617	25.5 MW	39.2%	\$11,766
AH1-644	12.8 MW	19.6%	\$5,883

System Reinforcement

TO AEP

RTEP ID / TO ID (Pending) / TC2-AEP-180

Category SubRegional

Title Bluegrass - Combs: Sag study ~2.5 miles of 69kV line, replace switches at Combs, replace switches at Bluegrass

Description Bluegrass - Combs: Sag study ~2.5 miles of 69kV line, replace switches at Combs, replace switches at Bluegrass

Total Cost \$230,000

Contributor

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	39.3 MW	41.2%	\$94,704
AH1-617	37.4 MW	39.2%	\$90,197
AH1-644	18.7 MW	19.6%	\$45,099

System Reinforcement

TO AEP

RTEP ID / TO ID (Pending) / TC2-AEP-185

Category Distribution

Title Chauncey - Rich Creek: Sag study ~3.5 miles of 46kV line

Description Chauncey - Rich Creek: Sag study ~3.5 miles of 46kV line

Total Cost \$40,000

Contributor

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	3.3 MW	15.6%	\$6,245
AH1-188	13.0 MW	62.1%	\$24,826
AH1-617	3.1 MW	14.9%	\$5,959
AH1-644	1.6 MW	7.4%	\$2,970

System Reinforcement

TO	AEP
RTEP ID / TO ID	(Pending) / TC1-AEP-186
Category	Distribution
Title	Rich Creek - Huff Creek: Sag study ~5.25 miles of 46kV line
Description	Rich Creek - Huff Creek: Sag study ~5.25 miles of 46kV line
Total Cost	\$60,000
Contributor	

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	3.3 MW	15.6%	\$9,367
AH1-188	13.0 MW	62.1%	\$37,239
AH1-617	3.1 MW	14.9%	\$8,939
AH1-644	1.6 MW	7.4%	\$4,455

System Reinforcement: s3147.30

TO	AEP
RTEP ID / TO ID	s3147.30
Category	Distribution
Title	Grapevine Station - Removal of the Distribution station and equipment.
Description	Grapevine Station - Removal of the Distribution station and equipment.
Total Cost	\$0

Contingent

Note: Although Queue Project AH1-617 may not have cost responsibility for this upgrade, Queue Project AH1-617 may need this upgrade in-service to be deliverable to the PJM system. If Queue Project AH1-617 comes into service prior to completion of the upgrade, Queue Project AH1-617 will need an interim study.

Developer Requirements

The developer is responsible for all design and construction related activities on the developer's side of the Point of Change in Ownership. AEP interconnection requirements can be found [here](#).

To the extent that these Applicable Technical Requirements and Standards may conflict with the terms and conditions of the Tariff, the Tariff shall control.

Revenue Metering and SCADA Requirements

PJM Requirements

The developer will be required to install equipment necessary to provide Revenue Metering (KWH, KVARH) and real time data (KW, KVAR) for their generating Resource. See PJM Manual 01, PJM Manual 14D, and PJM Tariff Part IX, Subpart B, Appendix 2, section 8.

Meteorological Data Reporting Requirement

The solar generation facility shall provide the Transmission Provider with site-specific meteorological data including:

- Temperature (degrees Fahrenheit)
- Atmospheric Pressure (hectopascals)
- Irradiance
- Forced outage data

Transmission Owner Requirements

The Project Developer will be required to comply with all interconnected Transmission Owner's revenue metering requirements located at the following link: [PJM - Transmission Owner Engineering & Construction Standards](#).

Summer Peak Analysis

The New Service Request AH1-617 was evaluated as a 200.0 MW (120.0 MW Capacity) injection in the AEP area.

AH1-617 was evaluated as part of a plant. The total Energy output of the plant was evaluated at its maximum seasonal capability of 200.0 MW (200.0 MW under study).

Note: The capacity portion of Generation Interconnection Requests are evaluated for single or N-1 contingencies. The energy portion, ramped up to a percentage of its full energy output based on season and fuel-specific ramping limits, of Generation Interconnection Requests are evaluated for multiple facility (common mode) contingencies (double circuit tower line, fault with a stuck breaker, and bus fault). For additional details regarding Generator Deliverability, reference PJM Manual 14B, Attachment C, Section C.3.

Summer Peak Analysis

Study	Area	Facility Description	Contingency Name	Contingency Type
GD2	AEP	05CLNCHR-05ABINGD 138.0 kV Ckt 1 line	AEP_P4_#10335_05SALTV2 138_U_SRT-SL	Breaker
GD2	AEP	05CLNCHR-05ABINGD 138.0 kV Ckt 1 line	AEP_P4_#6173_05CLNCHR 138_E2_SRT-A	Breaker
GD2	AEP	05CLNCHR-05ABINGD 138.0 kV Ckt 1 line	AEP_P4_#10332_05SALTV1 138_A_SRT-SL	Breaker
GD2	AEP	05CLNCHR-05ABINGD 138.0 kV Ckt 1 line	AEP_P7-1_#16933____SRT-A	Tower
GD2	AEP	05CLNCHR-05ABINGD 138.0 kV Ckt 1 line	AEP_P4_#10330_05SALTV1 138_C_SRT-SL	Breaker
GD2	AEP	05CLNCHR-05ABINGD 138.0 kV Ckt 1 line	AEP_P2-2_#10330_05SALTV1 138_1_SRT-SL	Bus
GD2	AEP	05CLNCHR-05LEBANO 138.0 kV Ckt 1 line	AEP_P4_#9173_05BROADF 765_P_SRT-A	Breaker
GD2	AEP	05CLNCHR-05LEBANO 138.0 kV Ckt 1 line	AEP_P7-1_#10868____SRT-SL	Tower
GD2	AEP	05CLOV17_XFL-05CLOVRD 345.0 kV Ckt 17 line	AEP_P4_#7421_05CLOVRD 765_BB2_SRT-A	Breaker
GD2	AEP	05CLOV17_XFL-05CLOVRD 345.0 kV Ckt 17 line	AEP_P1-3_#7421_05CLOVRD 765_14_SRT-A	Single
GD2	AEP/DVP	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	AP_P1-3_MP-765-501T_SRT-A	Single
GD2	AEP/DVP	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	AP_P2-3_MP-500-020_SRT-SL	Breaker
GD2	AEP/DVP	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	AP_P2-3_MP-500-021_SRT-SL	Breaker
GD2	AEP/DVP	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	AEP_P4_#37_05MOUNTN 765_B1_SRT-A	Breaker
GD2	AEP/DVP	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	AEP_P4_#2942_05KAMMER 765_PP_SRT-A	Breaker
GD2	AEP	05CONSTP-05BEAVER CR1 138.0 kV Ckt 1 line	AEP_P4_#16061_05GARRETT 138_CB2_SRT-A	Breaker
GD2	AEP	05CONSTP-05BEAVER CR1 138.0 kV Ckt 1 line	AEP_P4_#16060_05GARRETT 138_CB1_SRT-A	Breaker
GD2	AEP	05CONSTP-05BEAVER CR1 138.0 kV Ckt 1 line	AEP_P4_#16062_05GARRETT 138_CB3_SRT-A	Breaker
GD2	AEP	05CONSTP-05BEAVER CR1 138.0 kV Ckt 1 line	AEP_P2-2_#16057_Q5EASTERN 138_1_SRT-A	Bus
GD2	AEP	05CONSTP-05BEAVER CR1 138.0 kV Ckt 1 line	AEP_P4_#16063_Q5EASTERN 138_CB1_SRT-A	Breaker
GD2	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	Base Case	Single
GD2	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	AEP_P1-2_AH1-644 GEN-05SPICEW-138_SRT-A	Single
IPD	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	AEP_P1-2_AG2-184 GEN-05HARBER-138_SRT-A	Single
IPD	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	Base Case	Single

IPD	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	AEP_P1-2_AH1-644 GEN-05SPICEW-138_SRT-A	Single
GD2	AEP	05LEBANO-05ELKGARDNSS 138.0 kV Ckt 1 line	AEP_P7-1_#10868___SRT-SL	Tower
GD2	AEP	05LEBANO-05ELKGARDNSS 138.0 kV Ckt 1 line	AEP_P4_#9173_05BROADF 765_P_SRT-A	Breaker
GD2	AEP	05LEBANO-05ELKGARDNSS 138.0 kV Ckt 1 line	AEP_P4_#1375_05BROADF 765_P2_SRT-A	Breaker
GD2	AEP	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	AEP_P4_#8075_05MARYSV 765_A2_SRT-A	Breaker
GD2	AEP	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	AEP_P4_#8980_05KAMMER 765_QQ2_SRT-A	Breaker
GD2	AEP	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	AEP_P1-2_#17217_SRT-A	Single
GD2	AEP	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	AEP_P4_#7445_05MARYSV 765_B_SRT-A	Breaker
GD2	AEP	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	AEP_P4_#17219_05GUERNSEY 765_A_SRT-A	Breaker
GD2	AEP	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	Base Case	Single
GD2	AEP	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	AEP_P4_#7422_05CLOVRD 500_EE2_SRT-A	Breaker
GD2	AEP	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	AEP_P2-2_#7222_05MALIS 765_1_SRT-A	Bus
GD2	AEP	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	AEP_P1-2_#7422_16_SRT-A	Single
GD2	AEP	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	AEP_P7-1_#10944___SRT-A	Tower
GD2	AEP	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	AEP_P7-1_#10856___SRT-A	Tower
GD2	AEP	05SOFTSH-05CONSTP 138.0 kV Ckt 1 line	AEP_P4_#16060_05GARRETT 138_CB1_SRT-A	Breaker
GD2	AEP	05SOFTSH-05CONSTP 138.0 kV Ckt 1 line	AEP_P4_#16061_05GARRETT 138_CB2_SRT-A	Breaker
GD2	AEP	05SOFTSH-05CONSTP 138.0 kV Ckt 1 line	AEP_P4_#16062_05GARRETT 138_CB3_SRT-A	Breaker
GD2	AEP	05SOFTSH-05CONSTP 138.0 kV Ckt 1 line	AEP_P2-2_#16057_Q5EASTERN 138_1_SRT-A	Bus
GD2	AEP	05SOFTSH-05CONSTP 138.0 kV Ckt 1 line	AEP_P4_#16063_Q5EASTERN 138_CB1_SRT-A	Breaker
GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	DEOK_P4_1445_ZIMMER_SRT-A	Breaker
GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	DEOK_P4_1449_ZIMMER_SRT-A	Breaker
GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	34569 34598 34524_SRT-A	Tower
GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	DEOK_P4_1373_PORTUNION_SRT-A	Breaker
GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	DEOK_P4_1493_RED BANK_SRT-A	Breaker
GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	DEOK_P4_1487_RED BANK_SRT-A	Breaker

GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	DEOK_P_CIRCUIT1883&4545REDBANKSILGRVZIMMER_SRT-A	Tower
GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	DEOK_P2.2_SILVER GROVE 345 BUS_SRT-A	Bus
GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	Base Case	Single
GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	EKPC_P2-2_MELD-SPUR 345_SRT-A	Bus
GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	DEOK_P1_ZIMMER-MELDAHL 34576_SRT-A	Single
GD2	DAY/EKPC	7SPURLOCK-09STUART 345.0 kV Ckt 1 line	DEOK_P1_RED BANK-SILVER GROVE-ZIMMER 4545_SRT-A	Single
GD2	AEP	AH1-133 TP-05TAZEWE 138.0 kV Ckt 1 line	AEP_P4_#10180_05BROADF 138_H_SRT-A	Breaker

Winter Peak Analysis

The New Service Request AH1-617 was evaluated as a 200.0 MW (120.0 MW Capacity) injection in the AEP area.

AH1-617 was evaluated as part of a plant. The total Energy output of the plant was evaluated at its maximum seasonal capability of 200.0 MW (200.0 MW under study).

Note: The energy portion, ramped up to a percentage of its full energy output based on season and fuel-specific ramping limits, of Generation Interconnection Requests are evaluated for single or N-1 contingencies and multiple facility (common mode) contingencies (double circuit tower line, fault with a stuck breaker, and bus fault). For additional details regarding Generator Deliverability, reference PJM Manual 14B, Attachment C, Section C.3.

Search

Winter Peak Analysis

Study	Area	Facility Description	Contingency Name	Contingency Type	DC AC	Fi Cy Load
IPD	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	AEP_P1-2_AH1-644 GEN-05SPICEW-138_SRT-A	Single	AC	10
IPD	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	Base Case	Single	AC	10
IPD	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	AEP_P1-2_AG2-184 GEN-05HARBER-138_SRT-A	Single	AC	10

Light Load Analysis

The New Service Request AH1-617 was evaluated as a 200.0 MW injection

AH1-617 was evaluated as part of a plant. The total Energy output of the plant was evaluated at its maximum seasonal capability of 200.0 MW (200.0 MW under study).

Note: The capacity portion of Generation Interconnection Requests are evaluated for single or N-1 contingencies. The energy portion, ramped up to a percentage of its full energy output based on season and fuel-specific ramping limits, of Generation Interconnection Requests are evaluated for multiple facility (common mode) contingencies (double circuit tower line, fault with a stuck breaker, and bus fault). For additional details regarding Generator Deliverability, reference PJM Manual 14B, Attachment C, Section C.3.

Search

Light Load Analysis

Study	Area	Facility Description	Contingency Name	Contingency Type	DC AC	Fi Cy Load
GD2	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	Base Case	Single	AC	15
GD2	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	AEP_P1-2_AH1-644 GEN-05SPICEW-138_SRT-A	Single	AC	12
IPD	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	AEP_P1-2_AH1-644 GEN-05SPICEW-138_SRT-A	Single	AC	10
IPD	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	Base Case	Single	AC	10
IPD	AEP	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	AEP_P1-2_AG2-184 GEN-05HARBER-138_SRT-A	Single	AC	10

Short Circuit Analysis

Short Circuit analysis is not performed as part of the Phase I System Impact Study. Short Circuit analysis will commence in the Phase II System Impact Study.

Stability Analysis

Stability analysis is not performed as part of the Phase I System Impact Study. Stability analysis will commence in the Phase II System Impact Study.

Reactive Power Analysis

Reactive Power analysis is not performed as part of the Phase I System Impact Study. Reactive Power analysis will commence in the Phase II System Impact Study.

Steady-State Voltage Analysis

Steady State Voltage Analysis is Not Required.

New Service Request Dependencies

The New Service Requests below are listed in one or more dispatch for the overloads identified in this report. These projects contribute to the loading of the overloaded facilities identified in this report. The percent overload of a facility and cost allocation you may have towards a particular reinforcement could vary depending on the action of other projects. The status of each project at the time of the analysis is presented in the table. This list may change as other projects withdraw or modify their requests. This table is valid for load flow analyses only.

New Service Requests Dependencies		
Project ID	Project Name	Status
AA1-018	Powerton-Goodings Grove	In Service
AA1-038	Lexington-Low Moor 230kV	Under Construction
AA1-095	Halfway-Marlowe 34.5kV	In Service
AA2-184	Atlantic-Red Bank 34kV	In Service
AB1-001	Absecon 12 kV	In Service
AB1-006	Meadow Lake 345kV	In Service
AB1-027	Old Church 34.5 KV	In Service
AB1-096	Carroll-Mt. Airy 34.5kV	In Service
AB1-124	Carroll-Monocacy 34.5kV	Partially in Service - Under Construction
AB1-125	Carroll-Monocacy 34.5kV	In Service
AB1-127	St. Thomas-Guilford 34.5kV	In Service
AB1-128	St. Thomas-Mercersburg 34.5kV	In Service
AB1-138	Navy 34.5kV	In Service
AB1-139	Metuchen 26kV	In Service
AB1-141	Church-Wye Mills 138 kV I	In Service
AB1-142	Church-Wye Mills 138 kV II	In Service
AB1-176	Price 25kV II	Engineering & Procurement
AB1-180	Pine View 12kV	In Service
AB2-026	Powhatan 34.5kV	In Service
AB2-029	Remington 34.5kV	In Service
AB2-032	Church-Wye Mills 138 kV	In Service
AB2-037	Keeney-Steele 230kV	Under Construction
AB2-045	Buckingham 34.5kV	In Service
AB2-049	Gloucester Township 12kV	In Service
AB2-070	Mt. Pulaski-Brokaw	In Service
AB2-133	Chestertown 69kV	Under Construction
AB2-135	Church-Kent 69kV	In Service
AB2-136	Cambridge-West Cambridge 69kV	Under Construction
AB2-153	Church-Wye Mills 138 kV	In Service
AB2-158	Louisa-South Anna 230kV	In Service
AB2-179	Townsend 138kV	In Service
AC1-001	Delano 138kV	In Service
AC1-010	Gloucester 26kV	Under Construction
AC1-017	Levittown 13 kV	In Service
AC1-030	Cinnaminson 13kV	In Service

AC1-033	Kewanee 138 kV	In Service
AC1-042	Altavista-Mt. Airy 69kV	In Service
AC1-053	Lanesville-Brokaw	Partially in Service - Under Construction
AC1-068	Atlanta 69kV I	In Service
AC1-069	Atlanta 69kV II	In Service
AC1-074	Jacksonville-Renaker 138kV I	In Service
AC1-075	Perth-Hickory Grove 115kV	In Service
AC1-076	Locust Grove-Paytes 115kV	In Service
AC1-078	Beatty-London 138kV	In Service
AC1-082	Ravenswood-Hemlock 69kV	Under Construction
AC1-085	Stuart-Clinton 345kV	In Service
AC1-089	Hillsboro-Wildcat 138kV	In Service
AC1-091	Cedar Creek 138kV I	Engineering & Procurement
AC1-092	Cedar Creek 138kV II	Engineering & Procurement
AC1-093	Cedar Creek 138kV III	Engineering & Procurement
AC1-094	Cedar Creek 138kV IV	Engineering & Procurement
AC1-101	Johns Creek-Excel 138kV I	Suspended
AC1-102	Johns Creek-Excel 138kV II	Suspended
AC1-111	Aurora 138kV	In Service
AC1-118	Westmoreland 34.5kV	In Service
AC1-120	Mitchell-Mountain Run 115kV	Engineering & Procurement
AC1-121	Mitchell-Mountain Run 115kV	Engineering & Procurement
AC1-122	Smith Mountain-Candler's Mountain 138kV	In Service
AC1-145	Gretna DP 69 kV	In Service
AC1-158	Spotsylvania 500kV	In Service
AC1-165	Atlanta 69kV III	In Service
AC1-166	Atlanta 69kV IV	In Service
AC1-168	Kewanee-Streator	Suspended
AC1-174	Losantville 345kV	In Service
AC1-175	Losantville 345kV	In Service
AC1-188	Rio-Lick 138kV	Engineering & Procurement
AC1-191	Elmont 115kV	Engineering & Procurement
AC1-194	Elk 138kV	Active
AC1-214	Crescent Ridge	In Service
AC2-023	Hebron 69kV	Engineering & Procurement
AC2-029	Circleville 138kV	Suspended
AC2-059	Biers Run-Circleville 138kV	In Service
AC2-060	Buckskin 69kV	In Service
AC2-061	Hillsboro-Clinton 138kV	In Service

AC2-067	Camden-Crystal I 69kV	Engineering & Procurement
AC2-068	Camden-Crystal II 69kV	Engineering & Procurement
AC2-075	Jacksonville-Renaker 138 kV	In Service
AC2-088	S. Bethel-Brown 69kV	In Service
AC2-090	Losantville 345kV	In Service
AC2-111	College Corner 138kV	Engineering & Procurement
AC2-123	Jacksons Ferry 138kV	In Service
AC2-136	East Hagerstown 12kV	Under Construction
AC2-137	Elko 34.5kV	In Service
AC2-138	Northern Neck 34.5kV	In Service
AC2-157	Sullivan 345 kV	Under Construction
AC2-165	Bremo-Powhatan 230kV	Suspended
AC2-168	Clinton 23kV	In Service
AC2-176	Jay 138 kV	In Service
AC2-186	Harrington 25kV	Under Construction
AC2-187	Harrington 69kV	Under Construction
AC2-188	Harrington 69 kV	Under Construction
AD1-013	Twombly Road 138kV	Engineering & Procurement
AD1-017	Smith Mountain-Bearskin 138 kV	In Service
AD1-020	Hunterstown-Lincoln 115 kV	In Service
AD1-060	Mercersburg-Milnor 34.5 kV	In Service
AD1-061	McConnellsburg-Mercersburg 34 kV	In Service
AD1-063	Harmony Village 34.5 kV	In Service
AD1-100	Loretto-Wilton 345 kV & Braidwood-Davis Creek 345 kV	Under Construction
AD1-105	Kings Dominion DP 115 kV	Under Construction
AD1-115	Mountain Run-Mitchell 115 kV	Engineering & Procurement
AD1-128	Modoc-Delaware 138 kV	Partially in Service - Under Construction
AD1-136	South Bethel-Brown 69 kV	In Service
AD1-140	Greene-Clark 138 kV	Engineering & Procurement
AD1-155	Meadow Brook-Strasburg 138 kV	In Service
AD2-009	McConnellsburg 138 kV	In Service
AD2-016	Biers Run-Circleville 138 kV	In Service
AD2-027	Camden Switch 26 kV	In Service
AD2-031	Martinsville-Wilmington 69 kV	In Service
AD2-038	Powerton-Nevada 345 kV	Under Construction
AD2-042	Camden Switch 26 kV II	In Service
AD2-047	Davis Creek 138 kV	Suspended
AD2-048	Cynthia-Headquarters 69 kV	Under Construction

AD2-060	Davis Creek 138kV	Engineering & Procurement
AD2-065	Atco 12 kV	In Service
AD2-066	Mazon-Crescent Ridge 138 kV	Engineering & Procurement
AD2-070	Gilbert-Morris Park 34.5kV	In Service
AD2-071	Strawton-Deer Creek 138 kV	Suspended
AD2-073	Sanders DP 230 kV	In Service
AD2-074	Garner DP-Lancaster 115 kV	Engineering & Procurement
AD2-100	Kincaid-Pana 345 kV	Suspended
AD2-115	Lyons-Moselem 69kV	In Service
AD2-116	Hokes-Grantley 69 kV	In Service
AD2-131	Kincaid-Pana 345kV	Suspended
AD2-133	Eagle Valley 115kV	In Service
AD2-134	Shady Oaks	Partially in Service - Under Construction
AD2-135	Williamstown 12kV	Partially in Service - Under Construction
AD2-163	Broadview-Tangy 138 kV	In Service
AD2-172	Lena 138kV	In Service
AD2-179	Morgans Cut-Glen Lyn 138kV	Suspended
AD2-180	Elk Garden-Parr Run 138kV	In Service
AE1-040	Greenfield 69 kV	In Service
AE1-041	Edison 4kV	In Service
AE1-071	Shade Gap-Roxbury 115 kV	In Service
AE1-074	Winterpock 34.5 kV	Under Construction
AE1-075	Powhatan 34.5 kV	In Service
AE1-079	Maysville-Sharon 69 kV	Under Construction
AE1-081	Landing 12.47 kV	In Service
AE1-100	Axton 138 kV	In Service
AE1-101	McConnellsburg-Texas Eastern 138 kV	In Service
AE1-109	Frenchs Mill 34 kV	In Service
AE1-113	Mole Creek 345 kV	Engineering & Procurement
AE1-114	Maryland-Lancaster 138 kV	Active
AE1-142	Manitou-Pleasant Plains 34.5 kV	In Service
AE1-155	Garner-Northern Neck 115 kV	In Service
AE1-156	Quakertown Solar II 34.5 kV	Partially in Service - Under Construction
AE1-163	Powerton-Nevada 345 kV	Engineering & Procurement
AE1-166	Loretto-Wilton 345 kV & Braidwood-Davis Creek 345 kV	Engineering & Procurement
AE1-172	Loretto-Wilton Center	Active
AE1-176	Roanoke-Vinton 12 kV (Niagara Hydro)	In Service

AE1-183	Maysville-McDowell 69 kV	Engineering & Procurement
AE1-185	Hokes-Jackson 69 kV	In Service
AE1-196	Hokes-Jackson 69 kV II	In Service
AE1-205	McLean 345 kV	Engineering & Procurement
AE1-207	Mississinewa-Gaston 138 kV	Suspended
AE1-208	Delaware-Van Buren 138 kV	Suspended
AE1-209	Desoto 345 kV	Suspended
AE1-210	Desoto 345 kV	Suspended
AE1-212	Grandview-Clifftop 138 kV	Suspended
AE1-229	Deepwater-Upper Pittsgrove 138 kV	Suspended
AE1-237	Andover (Maysville) 69kV I	Under Construction
AE1-250	Smith Mountain-E. Danville 138 kV	Engineering & Procurement
AE2-029	Grottoes-Merck 115kV	Under Construction
AE2-035	Lena 138 kV	In Service
AE2-042	Milton 69 kV	In Service
AE2-045	Olive-Reynolds 345 kV	Engineering & Procurement
AE2-047	Ridgeway-Solite 69 kV	Engineering & Procurement
AE2-054	Warfordsburg 34 kV	In Service
AE2-059	Derry Tap-Derry Bus 69 kV	In Service
AE2-060	Mifflintown Bus-Mifflintown Tap 69 kV	In Service
AE2-071	Patton Rd-Summer Shade 69 kV	In Service
AE2-092	Kidds Store-Sherwood 115 kV	Engineering & Procurement
AE2-113	Farmers Valley-Ridgeway 115 kV	Under Construction
AE2-114	Midland 23 kV I	In Service
AE2-115	Midland 23 kV II	In Service
AE2-117	ABW Tap-Alexandria 46 kV	Suspended
AE2-125	Stahlstown-Ligonier 25 kV	In Service
AE2-126	Dubois-Curwensville 34.5 kV	In Service
AE2-129	Philipsburg-Clarence 34.5 kV	In Service
AE2-131	Philipsburg-Karthaus 34.5	Under Construction
AE2-133	Penns Tap-Richfield Tie 69 kV	In Service
AE2-139	East Towanda-Grover 230 kV	Engineering & Procurement
AE2-140	Axton-Danville 138 kV	Suspended
AE2-148	Beatty-Greene 345 kV	In Service
AE2-152	Loretto-Wilton 345 kV & Braidwood-Davis Creek 345 kV	Engineering & Procurement
AE2-160	Kanawha River 138 kV	Engineering & Procurement
AE2-166	Stockton 138 kV	Suspended
AE2-169	Delaware-Van Buren 138 kV	Suspended
AE2-172	Mississinewa-Gaston 138 kV	Suspended

AE2-173	McLean 345 kV	Active
AE2-175	Jackson-Long Pond 69 kV	Partially in Service - Under Construction
AE2-185	Gladys DP-Stonemill Switching Station 69 kV	Active
AE2-187	Shockoe DP-Chatham 69 kV	Active
AE2-214	Cole 345 kV	Engineering & Procurement
AE2-219	Bluff Point-Randolph 138 kV	Suspended
AE2-220	Losantville 345 kV	Engineering & Procurement
AE2-221	Clinton-Stuart 345 kV	Under Construction
AE2-223	McLean 345 kV	Active
AE2-224	Bear Rock-Johnstown 230 kV	In Service
AE2-226	Millville-Old Chapel 138 kV	Engineering & Procurement
AE2-230	Bartonsville-Meadow Brook 138 kV	In Service
AE2-254	Garrard County-Tommy-Gooch 69 kV	In Service
AE2-255	Molecreek 345 kV	Engineering & Procurement
AE2-261	Kincaid-Pana 345 kV	Active
AE2-262	Moshannon-Milesburg 230 kV	Engineering & Procurement
AE2-263	Moshannon-Milesburg 230 kV II	Engineering & Procurement
AE2-267	Woodsdale 345 kV	Engineering & Procurement
AE2-281	Powerton-Nevada 345 kV	Engineering & Procurement
AE2-283	Gladys-Stone Mill 69 kV	Active
AE2-285	Maysville 69 kV	Engineering & Procurement
AE2-291	Grit DP-Perth 115 kV	Active
AE2-297	Madison-Tanners Creek 138 kV	In Service
AE2-308	Three Forks-Dale 138 kV	Active
AE2-309	Carlos Junction-Lonaconing 34.5 kV	In Service
AE2-315	Yankee Tap 69 kV	In Service
AE2-318	Ford-Cedarville 138 kV	Suspended
AE2-321	Belvidere-Marengo 138 kV	Active
AE2-326	Jacksons Ferry 138 kV	Engineering & Procurement
AE2-339	Avon 138 kV	Engineering & Procurement
AE2-341	Sandwich-Plano 138 kV	Active
AE2-342	Woodstock 69 kV	Engineering & Procurement
AE2-343	Andover (Maysville) 69 kV II	Under Construction
AF1-006	Fairview East 34.5 kV	In Service
AF1-007	Indian River 230 kV I	Suspended
AF1-021	Bethelboro-Connellsville #1 25 kV	In Service
AF1-022	Lake Lynn-Uniontown 25 kV	In Service
AF1-030	Sandwich-Plano 138 kV	Active
AF1-038	Sewellton Jct-Webbs Crossroads 69 kV	Engineering & Procurement

AF1-039	Listonburg-Highpoint 24.9 kV	In Service
AF1-042	Garner DP-Lancaster 115 kV	Engineering & Procurement
AF1-045	Cedarville-Ford 138 kV	Suspended
AF1-049	Berry Hill 138 kV	Under Construction
AF1-050	Summer Shade - Green County 161 kV	Engineering & Procurement
AF1-051	Gavin 765 kV	In Service
AF1-071	College Corner 138 kV	Engineering & Procurement
AF1-083	Green County-Saloma 161 kV	Engineering & Procurement
AF1-086	Madera-Westover South 115 kV	Under Construction
AF1-088	Sullivan 345 kV	Active
AF1-090	Kincaid-Pana	Engineering & Procurement
AF1-093	Henderson-Stoneboro 69 kV	Engineering & Procurement
AF1-094	Union City-Cambridge Springs 34.5 kV	Engineering & Procurement
AF1-098	Four Mile Jct-Corry East 115 kV	Engineering & Procurement
AF1-118	Sorenson-Desoto 345 kV	Engineering & Procurement
AF1-119	Keystone-Desoto 345 kV	Engineering & Procurement
AF1-130	Inez 138 kV	Suspended
AF1-134	Philipsburg-Madera 34.5 kV	Engineering & Procurement
AF1-136	Warfordsburg-Purcell Junction 34.5 kV	Engineering & Procurement
AF1-140	Claysburg 23 kV	Engineering & Procurement
AF1-143	Lick Run 115 kV	Engineering & Procurement
AF1-153	Motion-Ridgeway 46 kV	Suspended
AF1-162	Inez 138 kV	Engineering & Procurement
AF1-202	Keystone-Desoto 345 kV	Under Construction
AF1-203	Patton Rd-Summer Shade 69 kV	In Service
AF1-204	Eugene 345 kV	Active
AF1-207	Reynolds-Olive #1 345 kV	Engineering & Procurement
AF1-215	Olive-Reynolds 345 kV	In Service
AF1-223	Keystone-Desoto 345 kV	Under Construction
AF1-228	Beatty-Greene 345 kV	Engineering & Procurement
AF1-233	Flemingsburg - Spurlock 138kV	Active
AF1-249	Nickel 12.47 kV	In Service
AF1-254	Milnor-Huyetts 34.5 kV	Under Construction
AF1-262	Upper Pittsgrove 12 kV	In Service
AF1-264	Runnemedede 13 kV	In Service
AF1-268	Desoto-Jay 138 kV	Engineering & Procurement
AF1-272	Lucerne 115 kV	Engineering & Procurement
AF1-275	Cole 345 kV	Engineering & Procurement
AF1-282	Stuart-Clinton 345 kV	Engineering & Procurement

AF1-283	Stuart-Clinton 345 kV	Engineering & Procurement
AF1-290	Feagans Mill-Millville 138 kV	In Service
AF1-291A	Bartonsville-Meadow Brook 138 kV	In Service
AF1-296	Garden Plain 138 kV	Active
AF1-299	Otter Point 34.5 kV I	In Service
AF1-300	Otter Point 34.5 kV II	In Service
AF1-302	Brookville-Squab Hollow 138 kV	Engineering & Procurement
AF1-320	Merrill Creek 115 kV	Engineering & Procurement
AF1-322	Meadow Lake 345 kV	Engineering & Procurement
AF1-331	Twombly Road	Engineering & Procurement
AF1-333	Laurelton-Mifflinburg 69 kV	Engineering & Procurement
AF1-337	Laurelton-Mifflinburg 69 kV	Engineering & Procurement
AF1-338	Laurelton-Mifflinburg 69 kV	Engineering & Procurement
AF1-339	Laurelton-Mifflinburg 69 kV	Engineering & Procurement
AF2-008	Sullivan 345 kV	Active
AF2-018	Inez 138 kV	Engineering & Procurement
AF2-032	Kincaid 345 kV	Engineering & Procurement
AF2-039	Shawville-Clearfield 34.5 kV	Engineering & Procurement
AF2-041	Nelson-Electric Junction 345 kV	Active
AF2-048	Rio-Lick 138 kV	Engineering & Procurement
AF2-068	Jay 138 kV	Active
AF2-069	Crescent Ridge 138 kV	Active
AF2-075	Bartonsville-Meadow Brook 138 kV III	In Service
AF2-078	Reynolds-Olive #1 345 kV	Engineering & Procurement
AF2-086	Scott Tap-Bowmans Mill Tap 69 kV	Engineering & Procurement
AF2-088	Shawville-Clearfield 34.5 kV II	Engineering & Procurement
AF2-095	Davis Creek 138 kV	Active
AF2-106	Hazel Hollow-Glen Lyn #1 138 kV	Engineering & Procurement
AF2-107	Clifford 138 kV	Engineering & Procurement
AF2-111	North Clark-Spurlock 345 kV	Active
AF2-130	Cobalt Corners 34.5 kV	In Service
AF2-132	Reynolds-Olive #1 345 kV	Under Construction
AF2-133	Reynolds-Olive #2 345 kV	Under Construction
AF2-134	Olive-Reynolds #2 345 kV	In Service
AF2-138	Flanders-West Wharton 34.5 kV	In Service
AF2-139	Gilbert-Warren Glen 34.5 kV	In Service
AF2-142	Nevada 345 kV	Active
AF2-143	Powerton-Nevada 345 kV	Active
AF2-144	Powhatan 34.5 kV	In Service

AF2-173	Desoto 345 kV	Active
AF2-177	Sorenson-DeSoto #2 345 kV	Active
AF2-192	Frenchtown Solar-West Flemington 34.5 kV	Suspended
AF2-199	Nelson-Electric Junction 345 kV	Active
AF2-200	Nelson-Electric Junction 345 kV	Active
AF2-205	Olive-Reynolds #2 345 kV	Engineering & Procurement
AF2-225	McLean 345 kV	Active
AF2-229	Roxbury 23 kV	Engineering & Procurement
AF2-233	Penns-Richfield Tie #1 69 kV	Engineering & Procurement
AF2-234	Sunbury Yard #1-Richfield Tie #2 69 kV	Engineering & Procurement
AF2-235	Titusville-Oil Creek 34.5 kV	Withdrawn
AF2-238	Mansfield-South Troy 34.5 kV	Engineering & Procurement
AF2-247	Bustleton 13.2 kV	In Service
AF2-250	Edgewood 12 kV III	In Service
AF2-252	Blue Mound 345 kV	Engineering & Procurement
AF2-291	Sporn South-Leon 138 kV	Engineering & Procurement
AF2-298	Crown-New Lebanon 69 kV	Engineering & Procurement
AF2-307	Hope-Belvins Valley Tap 69 kV	Active
AF2-311	Gilboa-Jones Branch 138 kV	Engineering & Procurement
AF2-316	Gilboa-Jones Branch 138 kV II	Engineering & Procurement
AF2-325	Jacktown 12 kV	Engineering & Procurement
AF2-335	Delaware-Royerton 138 kV	Active
AF2-350	Kensington 138 kV	Active
AF2-352	Blue Mound 345 kV	Engineering & Procurement
AF2-354	Washington 34.5 kV II	Engineering & Procurement
AF2-356	Albright-Mt. Zion 138 kV	Under Construction
AF2-361	Mifflintown Tap 69 kV	Engineering & Procurement
AF2-365	Munfordville KU Tap-Horse Cave Jct. 69 kV	Active
AF2-371	Harrison-Good Hope 138 kV	Engineering & Procurement
AF2-378	Cambridge 12 kV	Engineering & Procurement
AF2-379	Princess Anne 25 kV	Under Construction
AF2-382	Hurley 69 kV	Engineering & Procurement
AF2-383	Tolna 115 kV	Withdrawn
AF2-388	Keystone-Desoto 345 kV	Active
AF2-392	Nelson-Dixon 138 kV	Active
AF2-417	West Damascus Tap-West Damascus 69 kV	Engineering & Procurement
AF2-421	East Hazelton-Weatherly Tap 69	Engineering & Procurement
AF2-424	Reed-Reed Tap #1 69 kV	Engineering & Procurement
AF2-425	Reed-Reed Tap#1 69 kV	Engineering & Procurement

AF2-433	Columbia-Geisinger Tap #1 69 kV	Engineering & Procurement
AF2-434	Columbia-Geisinger Tap #1 69 kV	Engineering & Procurement
AF2-440	Hillsboro-Middleboro 138 kV	Engineering & Procurement
AG1-040	Morgan Street-Mount Hope 34.5 kV	Engineering & Procurement
AG1-047	Jay 138 kV	Engineering & Procurement
AG1-054	Potter-Harlan 69 kV	Engineering & Procurement
AG1-066	Bonnyman 69 kV	Engineering & Procurement
AG1-070	Bon Ayr 69 kV	Active
AG1-071	Bon Ayr 69 kV	Active
AG1-100	Venango-Saegertown 34.5 kV	Engineering & Procurement
AG1-107	Hillsboro-Middleboro 138 kV	Engineering & Procurement
AG1-118	Sugar Grove-Waterman 138kV	Active
AG1-124	Gladstone 138 kV	Active
AG1-125	Marysville-Flatlick 765 kV	Engineering & Procurement
AG1-126	Marysville-Flatlick 765 kV	Engineering & Procurement
AG1-127	Crego Rd 138 kV	Active
AG1-156	Jack Frost-Lake Harmony 69 kV	Engineering & Procurement
AG1-164	East Hazelton-Weatherly Tap 69 kV	Engineering & Procurement
AG1-165	East Hazelton-Weatherly Tap 69 kV	Engineering & Procurement
AG1-188	Manitou-Oyster Creek 34.5 kV	Engineering & Procurement
AG1-189	Oyster Creek-Bamber Lake 34.5	Engineering & Procurement
AG1-191	Chester-Pohatcong Mountain 34.5 kV	Partially in Service - Under Construction
AG1-193	Utica Junction 34.5 kV	Suspended
AG1-197	Morgan Street-Cochran 34.5 kV	Suspended
AG1-198	Union City 34.5 kV	Under Construction
AG1-223	Larrabee-Allaire 34.5 kV	Under Construction
AG1-226	Dequine-Eugene 345 kV	Active
AG1-236	Lanesville-Brokaw 345 kV	Active
AG1-237	Dequine-Eugene 345 kV	Engineering & Procurement
AG1-254	Salem-Woodstown 69 kV	Engineering & Procurement
AG1-259	Sunbury-Dalmatia 69 kV	Engineering & Procurement
AG1-260	Sunbury-Dalmatia 69 kV	Engineering & Procurement
AG1-281	Claysburg-HCR Tap 46 kV	Engineering & Procurement
AG1-282	Dunnsville 34.5 kV	Engineering & Procurement
AG1-301	Miller REC-Warrior Ridge 46 kV	Engineering & Procurement
AG1-302	Olive-Reynolds #1 345 kV	Under Construction
AG1-320	Glendale-Stephensburg 69 kV	Active
AG1-324	Jay-Desoto 138 kV	Engineering & Procurement
AG1-341	Summer Shade 161 kV	Active

AG1-348	Pequest River-Washington 34.5 kV	In Service
AG1-349	Olive-Reynolds #2 345 kV	Engineering & Procurement
AG1-351	Harrison-Good Hope 138 kV	Engineering & Procurement
AG1-354	Summershade-Green County 161 kV	Active
AG1-363	Black Oak-Hatfield 500 kV	Engineering & Procurement
AG1-367	DeSoto 345 kV	Active
AG1-374	Blue Mound 345 kV	Active
AG1-375	Sorenson-Desoto 345 kV	Active
AG1-386	Smith-Francis Junction 25 kV	In Service
AG1-397	Walston 12 kV	Withdrawn
AG1-405	Walnut Grove-Asahi 69 kV	Active
AG1-406	Walnut Grove-Asahi 69 kV	Active
AG1-414	Mississinewa 138 kV	Engineering & Procurement
AG1-433	Keystone-DeSoto 345 kV	Active
AG1-460	Kincaid-Pana 345 kV	Active
AG1-462	Cordova 345 kV	Active
AG1-469	Gordonsville 34.5 kV	Engineering & Procurement
AG1-471	Up Church-Wayne County 69 kV	Active
AG1-478	Wilmington 34.5 kV	Engineering & Procurement
AG1-480	Shawnee 34.5 kV	Engineering & Procurement
AG1-482	Hamilton 115 kV	Withdrawn
AG1-494	Boxwood-Riverville 138 kV	Active
AG1-495	Gilbert-Rocktown 34.5 kV	Engineering & Procurement
AG1-499	Lambs 12.47 kV	Under Construction
AG1-508	Point Lookout 69 kV	Engineering & Procurement
AG1-526	West Garrard 345 kV	Active
AG1-555	Dequine 345 kV	Engineering & Procurement
AG1-558	Buckner 34.5 kV	Engineering & Procurement
AG1-559	Caroline Pines 22 kV	Engineering & Procurement
AG2-072	Rockport 765 kV	Active
AG2-073	Crooksville 69 kV	Active
AG2-081	Mt. Sterling-Fogg Pike 69 kV	Active
AG2-085	Delaware-Royerton 138 kV	Active
AG2-104	Marysville-Flatlick 765 kV	Active
AG2-106	Marysville-Flatlick 765 kV	Active
AG2-107	Marysville-Flatlick 765 kV	Active
AG2-111	Perth 34.5 kV Substation (Circuit 408)	Active
AG2-112	Perth 34.5 kV Substation (Circuit 404)	Active
AG2-114	Dresden-Pontiac Midpoint 345 kV	Active

AG2-125	Camden-Crystal 69 kV	Active
AG2-126	Eugene 345 kV	Active
AG2-152	Banister-Bear Skin 138 kV	Active
AG2-159	Williamstown 69 kV	Active
AG2-162	Jefferson-Greentown 765 kV	Active
AG2-163	Dequine-Eugene 345 kV	Active
AG2-164	Jefferson-Greentown 765 kV	Active
AG2-165	Dumont-Greentown 765 kV	Active
AG2-179	Sewellton Junction 69 kV	Active
AG2-184	Harbert Metering 138 kV	Active
AG2-191	Mississinewa 138 kV	Active
AG2-192	Mississinewa 138 kV	Active
AG2-212	Dumont-Greentown 765 kV	Active
AG2-219	Jefferson-Greentown 765 kV	Active
AG2-298	Sulphur Creek-Loretto 69 kV	Active
AG2-310	Matt Funk 138 kV	Active
AG2-311	Smith Mountain 138 kV	Active
AG2-328	Dumont - Greentown 765 kV	Active
AG2-330	Dumont - Greentown 765 kV	Active
AG2-331	Jefferson-Greentown 765 kV	Active
AG2-360	Broadford 138 kV	Active
AG2-363	Powerton 345 kV	Active
AG2-364	Powerton 345 kV	Active
AG2-401	Losantville 345 kV	Active
AG2-424	Magnolia - Summersville 69 kV	Active
AG2-449	Jefferson-Greentown 765 kV	Active
AG2-453	Lasalle - Plano 345 kV	Active
AG2-487	Madison - Tanners Creek 138 kV	Active
AG2-491	Meadow Lake 345 kV	Active
AG2-516	Pecatonica 138kV	Active
AG2-518	Tech Drive 138 kV	Active
AG2-519	Royerton - Desoto 138 kV	Active
AG2-524	LaSalle Station - Mazon 138 kV	Active
AG2-548	Corwin - Elk 138 kV	Active
AG2-550	Bluff Point - Randolph 138 kV	Active
AG2-551	Bluff Point - Randolph 138 kV	Active
AG2-568	Stink Run - Sundial 138 kV	Active
AG2-575	Crego Rd. 138 kV	Active
AG2-585	Kensington 138kV	Active

AG2-589	Ravenswood - Hemlock 69 kV	Active
AG2-637	Randolph - Hodgins 138 kV	Active
AG2-657	Kanawha River - Carbondale 138 kV	Active
AG2-660	Nelson-Electric Junction 345 kV	Active
AG2-665	Corwin - Elk 138 kV	Active
AG2-670	Green County -Taylor County Junction 161 kV	Active
AH1-004	Avon - Renaker 138 kV	Active
AH1-034	Patton Road Junction - Summer Shade 69 kV	Active
AH1-044	Nelson - Electric Junction 345 kV	Active
AH1-047	Marengo - Belvidere 138 kV	Active
AH1-055	Kyger Creek - Don Marquis 345 kV	Active
AH1-072	Red Onion - VC5 69 kV	Active
AH1-073	Red Onion - VC5 69 kV	Active
AH1-098	Wolf Glade-West Carroll 138 kV	Active
AH1-133	Saltville - Tazewell 138 kV	Active
AH1-136	Falcon - Middle Creek 46 kV	Active
AH1-144	Peter's Mountain 138 kV	Active
AH1-145	Peter's Mountain 138 kV	Active
AH1-146	White Rock - Wayne 345 kV	Active
AH1-147	White Rock - Wayne 345 kV	Active
AH1-150	Nelson-Electric Junction 345 kV	Active
AH1-151	Nelson-Electric Junction 345 kV	Active
AH1-164	Oak Level - Tank Hill 138 kV	Active
AH1-188	Pigeon Creek 138 kV	Active
AH1-196	Prairie 345 kV	Active
AH1-227	Flemming - Fremont 69 kV	Active
AH1-234	Wempletown - Paddock 345 kV	Active
AH1-239	Upchurch - Zula 69 kV	Active
AH1-269	Claytor 138 kV	Active
AH1-281	Bluegrass Parkway Tap - Woodlawn 69 kV	Active
AH1-285	Sandwich 138 kV	Active
AH1-292	Sullivan 345 kV	Active
AH1-302	Olive - Reynolds 345 kV	Active
AH1-304	Delaware-Van Buren 138 kV	Active
AH1-305	Olive - Reynolds 345 kV	Active
AH1-306	Mississinewa-Gaston 138 kV	Active
AH1-337	Randolph - Hodgins 138 kV	Active
AH1-338	McGirr Rd - Ritchie Road 138kV	Active
AH1-341	Stillman - Dixon 138KV	Active

AH1-348	Pound 34.5 kV	Active
AH1-427	Tommy Gooch - Garrard County 69 kV	Active
AH1-482	Olive - Reynolds #2 345 kV	Active
AH1-535	Nagel - Cane River 230 kV	Active
AH1-537	Pierce - Kyger Creek 345 kV	Active
AH1-541	Chestnut 345 kV	Active
AH1-543	Mulberry - Tazewell 345 kV	Active
AH1-570	Headquarters - Millersburg Junction 69 kV	Active
AH1-571	Headquarters - Millersburg Junction 69 kV	Active
AH1-644	Spicewood Metering 138 kV	Active
AH1-664	Goddard-Plumville 138 kV	Active
AH1-665	Goddard-Plumville 138 kV II	Active
AH1-666	Flemingsburg - Spurlock 138 kV	Active
AH1-669	Circleville-Biers Run 138 kV	Active
AH1-670	Blue Mound-Chestnut 345 kV	Active
AH1-686	Hanging Rock 765 kV	Active
AH1-698	Braidwood 345 kV	Active
AH1-702	Byron 345 kV	Active
AH1-714	Lasalle 345 kV	Active
AH1-718	Nelson 345 kV	Active
AH1-721	Laurel-Cooper 161 kV	Active
U2-030	Four Mile Ridge Wind 138kV	In Service
U2-073	Frostburg 138kV II	In Service
V3-007	Desoto-Tanners Creek #1 345kV	In Service
V4-067	Cates Road Egg Harbor Township 12kV	Deactivated
V4-073	Yankee 12.5kV	In Service
W1-003	Oak Hall	In Service
W1-004	Oak Hall	In Service
W1-005	Oak Hall	In Service
W1-006	Oak Hall	In Service
W1-130	Vine Road 12kV	In Service
W2-030	Egg Harbor Township	In Service
W2-048	Brokaw-Lanesville	In Service
W3-077	Broadway-Stewartsville 34.5kV	In Service
W4-005	Blue Mound-Latham	In Service
X2-022	Brokaw-Lanesville	In Service
X3-005	Wildwood 12kV	In Service
X3-066	Church Hill 69kV	In Service
Y1-033	Penn Mar-Rock Wood 115kV	In Service

Y1-049	Wurno 34.5kV	In Service
Y1-079	Wye Mills 69kV	In Service
Y1-080	Dorchester 12kV	In Service
Y3-024	Bluff Point 12kV	In Service
Y3-058	Rockawalkin 69kV	In Service
Z2-076	Worcester South 25kV	In Service
Z2-077	Worcester North 25kV	In Service
Z2-087	Pontiac MidPoint-Brokaw 345kV	In Service
Z2-115	Deer Creek 12.47kV	In Service

Affected System - PJM Identified Violations

As part of PJM's analysis, PJM evaluated the potential impacts on tie line facilities between PJM and an affected system entity, which were identified per PJM planning analysis criteria. This upgrade may be required on the affected system portion of the tie line along with cost allocation of such upgrade if applicable, in coordination with the affected system. Depending on the affected system, this project may not be contingent on upgrade based on PJM planning analysis criteria, but may be contingent on this upgrade based on the Affected System Operator's planning criteria, provided in the Affected Systems Study Section, herein.

Midcontinent Independent System Operator, Inc. (MISO) **No Impact**

New York Independent System Operator (NYISO) **No Impact**

Tennessee Valley Authority (TVA) **No Impact**

Louisville Gas & Electric (LG&E) **No Impact**

Duke Energy Carolinas (DUKE) **No Impact**

Duke Energy Progress - East (CPLE) **No Impact**

Duke Energy Progress - West (CPLW) **No Impact**

Affected System - Non-PJM Identified Violations

In Phase I of the Cycle, PJM conducts an Affected System screen to identify any New Service Request with potential Affected System impacts. PJM initiates coordination with each Affected System Operator by providing a list of New Service Requests in the Cycle with potential impacts to their respective system. If the Affected System Operator indicates an Affected System Study is required, PJM will notify the Project Developer or Eligible Customer of the need for an Affected System Study. See below if any Affected System Operator requires a study for this project:

Midcontinent Independent System Operator, Inc. (MISO) **Not required**

New York Independent System Operator (NYISO) **Not required**

Tennessee Valley Authority (TVA) **Study Pending**

Louisville Gas & Electric (LG&E) **Not required**

Duke Energy Carolinas (DUKE) **Not required**

Duke Energy Progress - East (CPLE) **Not required**

Duke Energy Progress - West (CPLW) **Not required**

System Reinforcements

Based on the Phase I analysis results, this project may have a cost responsibility for the following System Reinforcements:

AH1-617 System Reinforcements:

TO	RTEP ID	Title	Allocated Cost (\$USD)
AEP	(Pending) / AEP-TC2-18703	05HARBER 138.0 kV to 05SOFTSH 138.0 kV ckt 1 - Rebuild	\$9,684,211
AEP	(Pending) / AEP-TC2-18711	05CLNCHR 138.0 kV to 05LEBANO 138.0 kV ckt 1 - Reconductor	\$379,233
AEP	(Pending) / AEP-TC2-18708	05LEBANO 138.0 kV to 05ELKGARDNSS 138.0 kV ckt 1 - Replace Equipment	\$371,393
AEP	(Pending) / AEP-TC2-18683	05CLNCHR 138.0 kV to 05ABINGD 138.0 kV ckt 1 - Sag Study	\$60,740
AEP	(Pending) / AEP-TC2-18695	05CONSTP 138.0 kV to 05BEAVER CR1 138.0 kV ckt 1 - Sag study	\$39,216
AEP	(Pending) / AEP-TC2-18712	05SOFTSH 138.0 kV to 05CONSTP 138.0 kV ckt 1 - Sag study	\$19,608
AEP	(Pending) / AEP-TC2-18627	AH1-133 TP 138.0 kV to 05TAZEWE 138.0 kV ckt 1 - Sag study	\$10,135
AEP	(Pending) / AEP-TC2-18624	AH1-133 TP 138.0 kV to 05TAZEWE 138.0 kV ckt 1 - Sag Study	\$921
Grand Total:			\$10,565,457

Shown below are the details of the cost allocated, contingent, eliminated, topology and potential aggregate contributor reinforcements for this project. Please refer to the System Reinforcement table above and the information below for more detail.

System Reinforcement

Type

Load Flow

TO

AEP

RTEP ID / TO ID

(Pending) / AEP-TC2-18703

Title

05HARBER 138.0 kV to 05SOFTSH 138.0 kV ckt 1 - Rebuild

Description

o Rebuild the line section between Harbert Metering and Softshell station at 5.5 miles with 1272 ACSR. Replaces the relays at Softshell station. Replace the station conductor at Harbert Metering. Replace the station conductor at Softshell station.

Total Cost (\$USD)

\$23,000,000

Allocated Cost (\$USD)

\$9,684,211

Time Estimate

48 to 72 Months

Contributor

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05HARBER-05SOFTSH 138.0 kV Ckt 1 line	(Any)

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	210.0 MW	44.2%	\$10,168,421
AH1-617	200.0 MW	42.1%	\$9,684,211
AH1-644	65.0 MW	13.7%	\$3,147,368

System Reinforcement

Type

Load Flow

TO

AEP

RTEP ID / TO ID	(Pending) / AEP-TC2-18711
Title	05CLNCHR 138.0 kV to 05LEBANO 138.0 kV ckt 1 - Reconductor
Description	Reconductor Clinch River - Str. 74-1 with 1033 ACSS Reconductor Str. 74-33 - Lebanon with 1033 ACSS Replace 1590 KCM AAC, 61-Str at Clinch River Station Replace 1590 KCM AAC, 61-Str at Lebanon
Total Cost (\$USD)	\$1,600,000
Allocated Cost (\$USD)	\$379,233
Time Estimate	36 to 48 Months
Contributor	

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLNCHR-05LEBANO 138.0 kV Ckt 1 line	(Any)

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	17.6 MW	24.9%	\$398,197
AH1-227	6.6 MW	9.4%	\$150,152
AH1-617	16.8 MW	23.7%	\$379,233
AH1-644	8.4 MW	11.9%	\$189,617
AH1-721	21.4 MW	30.2%	\$482,801

System Reinforcement

Type	Load Flow
TO	AEP
RTEP ID / TO ID	(Pending) / AEP-TC2-18708
Title	05LEBANO 138.0 kV to 05ELKGARDNSS 138.0 kV ckt 1 - Replace Equipment
Description	Replace 1590 KCM AAC, 61-Str at Lebanon Replace 1200 A switch at Elk Garden with a 2000 A switch
Total Cost (\$USD)	\$1,500,000
Allocated Cost (\$USD)	\$371,393
Time Estimate	24 to 36 Months
Contributor	

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05LEBANO- 05ELKGARDNSS 138.0 kV Ckt 1 line	(Any)

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	20.7 MW	26.0%	\$389,971
AH1-227	8.0 MW	10.0%	\$150,058
AH1-617	19.7 MW	24.8%	\$371,393
AH1-644	9.8 MW	12.4%	\$185,706
AH1-721	21.4 MW	26.9%	\$402,872

System Reinforcement

Type	Load Flow
TO	AEP
RTEP ID / TO ID	(Pending) / AEP-TC2-18683
Title	05CLNCHR 138.0 kV to 05ABINGD 138.0 kV ckt 1 - Sag Study
Description	Sag Study ~18 miles of line on Clinch River - Abingdon 138 kV
Total Cost (\$USD)	\$180,000
Allocated Cost (\$USD)	\$60,740
Time Estimate	24 to 36 Months
Contributor	

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05ABINGD-05CLNCHR 138.0 kV Ckt 1 line	(Any)

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	15.3 MW	35.4%	\$63,773
AH1-227	6.0 MW	14.0%	\$25,117
AH1-617	14.6 MW	33.7%	\$60,740
AH1-644	7.3 MW	16.9%	\$30,370

System Reinforcement

Type	Load Flow
TO	AEP
RTEP ID / TO ID	(Pending) / AEP-TC2-18695
Title	05CONSTP 138.0 kV to 05BEAVER CR1 138.0 kV ckt 1 - Sag study
Description	Sag study the 795 ACSR conductor to get it to MOT at ~10 miles
Total Cost (\$USD)	\$100,000
Allocated Cost (\$USD)	\$39,216
Time Estimate	12 to 24 Months
Contributor	

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05BEAVER CR1-05CONSTP 138.0 kV Ckt 1 line	(Any)

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	137.2 MW	41.2%	\$41,177
AH1-617	130.7 MW	39.2%	\$39,216
AH1-644	65.4 MW	19.6%	\$19,608

System Reinforcement

Type	Load Flow
TO	AEP
RTEP ID / TO ID	(Pending) / AEP-TC2-18712
Title	05SOFTSH 138.0 kV to 05CONSTP 138.0 kV ckt 1 - Sag study

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CONSTP-05SOFTSH 138.0 kV Ckt 1 line	(Any)

Description	Sag study the 795 ACSR conductor to get it to MOT at ~5.25 miles
Total Cost (\$USD)	\$50,000
Allocated Cost (\$USD)	\$19,608
Time Estimate	6 to 12 Months
Contributor	

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	137.2 MW	41.2%	\$20,588
AH1-617	130.7 MW	39.2%	\$19,608
AH1-644	65.4 MW	19.6%	\$9,804

System Reinforcement	
Type	Load Flow
TO	AEP
RTEP ID / TO ID	(Pending) / AEP-TC2-18627
Title	AH1-133 TP 138.0 kV to 05TAZEWE 138.0 kV ckt 1 - Sag study
Description	Sag study 11 miles of 138kV line between AH1-133 TP and Tazewell station.
Total Cost (\$USD)	\$110,000
Allocated Cost (\$USD)	\$10,135
Time Estimate	36 to 48 Months
Contributor	

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05TAZEWE-AH1-133 TP 138.0 kV Ckt 1 line	(Any)

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	9.9 MW	9.7%	\$10,642
AG2-360	33.1 MW	32.4%	\$35,668
AH1-133	34.6 MW	33.9%	\$37,296
AH1-617	9.4 MW	9.2%	\$10,135
AH1-721	15.1 MW	14.8%	\$16,259

System Reinforcement	
Type	Load Flow
TO	AEP
RTEP ID / TO ID	(Pending) / AEP-TC2-18624
Title	AH1-133 TP 138.0 kV to 05TAZEWE 138.0 kV ckt 1 - Sag Study
Description	Sag Study ~0.1 mile of line on Saltville - Tazewell 138 kV from Tazewell to Str. 82-79D
Total Cost (\$USD)	\$10,000
Allocated Cost (\$USD)	\$921

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05TAZEWE-AH1-133 TP 138.0 kV Ckt 1 line	(Any)

Time Estimate	6 to 12 Months
Contributor	

Cost Allocation

Project	MW Impact	Percent Allocation	Allocated Cost (\$USD)
AG2-184	9.9 MW	9.7%	\$967
AG2-360	33.1 MW	32.4%	\$3,243
AH1-133	34.6 MW	33.9%	\$3,391
AH1-617	9.4 MW	9.2%	\$921
AH1-721	15.1 MW	14.8%	\$1,478

System Reinforcement: b4000.11

Type

Load Flow

TO

APS

RTEP ID / TO ID

b4000.11

Title

Expand Black Oak Substation & Loop in the 502 Jct-Woodside 500 kV line (Projected ISD 6/1/2029)

Description

Expand Black Oak Substation to accommodate the connection of the 502 Jct-Woodside 500 kV line and loop the 502 Jct-Woodside 500 kV line into the Black Oak substation by constructing ~0.85 miles of new 500 kV line into and out of Black Oak 500 kV substation

Cost Information

Time Estimate

Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
▶	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	(Any)
▶	05CLOVRD- 05CLOV17_XFL 345.0 kV Ckt 17 line	(Any)

System Reinforcement: b4000.1

Type	Load Flow
TO	AEP
RTEP ID / TO ID	b4000.1
Title	Add two 765 kV breakers at Amos Substation to expand the breaker and a half scheme to accommodate the new Amos-Welton Spring 765 kV line (Projected ISD 6/1/2029)
Description	765kV Solution: 2024 W1 Solution - Regional Cluster Ties Doubs 500kV area to John Amos 765kV via a new 765kV line

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	(Any)
▶	05CLOVRD- 05CLOV17_XFL 345.0 kV Ckt 17 line	(Any)

System Reinforcement: b4000.7

Type	Load Flow
TO	APS
RTEP ID / TO ID	b4000.7
Title	Construct a new 86 miles Welton Spring to Rocky Point 765 kV line - in DVP local area/Millville to Lovettsville section, roughly 10.5 miles (Projected ISD 6/1/2029)
Description	765kV Solution: 2024 W1 Solution - Regional Cluster Ties Doubs 500kV area to John Amos 765kV via a new 765kV line

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	05CLOVRD- 05CLOV17_XFL 345.0 kV Ckt 17 line	(Any)
▶	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.10

Type	Load Flow
TO	APS

RTEP ID / TO ID b4000.10

Title Install four 250 MVAR cap banks (two on 765 and two on 500 kV side) and a +/-500 MVAR STATCOM on the 765 kV Rocky Point yard

Description 765kV Solution: 2024 W1 Solution - Regional Cluster Ties Doubs 500kV area to John Amos 765kV via a new 765kV line

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-05CLOV17_XFL 345.0 kV Ckt 17 line	(Any)
►	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.5

Type Load Flow

TO APS

RTEP ID / TO ID b4000.5

Title Install four 250 MVAR shunt capacitors, and a +/-500 MVAR STATCOM at Welton Spring 765 kV substation

Description 765kV Solution: 2024 W1 Solution - Regional Cluster Ties Doubs 500kV area to John Amos 765kV via a new 765kV line

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-05CLOV17_XFL 345.0 kV Ckt 17 line	(Any)
►	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.9

Type Load Flow

TO APS

RTEP ID / TO ID b4000.9

Title Construct a new substation called Rocky Point with a 765 kV and a 500 kV yard (Projected ISD 6/1/2029)

Description Construct a new substation called Rocky Point with a 765 kV and a 500 kV yard. Loop in the Doubs-Goose Creek 500 kV line, the Doubs-Aspen 500 kV line, and the Woodside-Goose Creek 500 kV line. Install two 765/500 kV transformer at Rocky Point substation. 765kV Solution: 2024 W1

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-05CLOV17_XFL 345.0 kV Ckt 17 line	(Any)
►	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	(Any)

Solution - Regional Cluster Ties Doubs 500kV area to John Amos 765kV via a new 765kV line

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

System Reinforcement: b4000.6

Type Load Flow

TO APS

RTEP ID / TO ID b4000.6

Title Construct a new 86 miles Welton Spring to Rocky Point 765 kV line (Welton Spring to DVP local area, roughly 21 miles) (VA Portion)

Description 765kV Solution: 2024 W1 Solution - Regional Cluster Ties Doubs 500kV area to John Amos 765kV via a new 765kV line

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	05CLOVRD-05CLOV17_XFL 345.0 kV Ckt 17 line	(Any)
▶	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.2

Type Load Flow

TO APS

RTEP ID / TO ID b4000.2

Title Construct a new 175 miles Amos to Welton Spring 765 kV line - AEP Section of the line is 30 miles (Projected ISD 6/1/2029)

Description 765kV Solution: 2024 W1 Solution - Regional Cluster Ties Doubs 500kV area to John Amos 765kV via a new 765kV line

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	05CLOVRD-05CLOV17_XFL 345.0 kV Ckt 17 line	(Any)
▶	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	(Any)

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

System Reinforcement: b4000.4

Type Load Flow

TO APS

RTEP ID / TO ID b4000.4

Title Construct a new 765 kV switchyard - Welton Spring (Projected ISD 6/1/2029)

Description 765kV Solution: 2024 W1 Solution - Regional Cluster Ties Doubs 500kV area to John Amos 765kV via a new 765kV line

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-05CLOV17_XFL 345.0 kV Ckt 17 line	(Any)
►	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.8

Type Load Flow

TO APS

RTEP ID / TO ID b4000.8

Title Construct a new 86 miles Welton Spring to Rocky Point 765 kV line (DVP local area to Rocky Point, roughly 4.8 miles)

Description 765kV Solution: 2024 W1 Solution - Regional Cluster Ties Doubs 500kV area to John Amos 765kV via a new 765kV line

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-05CLOV17_XFL 345.0 kV Ckt 17 line	(Any)
►	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.3

Type	Load Flow
TO	APS
RTEP ID / TO ID	b4000.3
Title	Construct a new 175 miles Amos to Welton Spring 765 kV line - APS/FE Section of the line is 145 miles (Projected ISD 6/1/2029)
Description	765kV Solution: 2024 W1 Solution - Regional Cluster Ties Doubs 500kV area to John Amos 765kV via a new 765kV line

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-05CLOV17_XFL 345.0 kV Ckt 17 line	(Any)
►	05MOUNTN-05BELMON 765.0 kV Ckt 1 line	(Any)

System Reinforcement

Type	Load Flow
TO	Dayton
RTEP ID / TO ID	(Pending) / Dayton-TC2-18817
Title	Replace Stuart Switches to 4000 A
Description	Replace Stuart Switches to 4000 A
Total Cost (\$USD)	\$1,200,000
Allocated Cost (\$USD)	\$0
Time Estimate	48 to 60 Months

Potential Aggregate Contributor

Note: Based on PJM cost allocation criteria, AH1-617 currently does not receive cost allocation towards this upgrade. As changes to the PJM process occur (such as other projects withdrawing from the cycle or reducing in size) AH1-617 could receive cost allocation. Although AH1-617 may not presently have cost responsibility for this upgrade, AH1-617 is a potential Aggregate Pool Contributor.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	09STUART-7SPURLOCK 345.0 kV Ckt 1 line	(Any)

System Reinforcement

Type	Load Flow
TO	Dayton
RTEP ID / TO ID	(Pending) / Dayton-TC2-18818

Title	Replace Wavetrap to 4000 A
Description	Replace Wavetrap to 4000 A
Total Cost (\$USD)	\$100,000
Allocated Cost (\$USD)	\$0
Time Estimate	48 to 60 Months

Potential Aggregate Contributor

Note: Based on PJM cost allocation criteria, AH1-617 currently does not receive cost allocation towards this upgrade. As changes to the PJM process occur (such as other projects withdrawing from the cycle or reducing in size) AH1-617 could receive cost allocation. Although AH1-617 may not presently have cost responsibility for this upgrade, AH1-617 is a potential Aggregate Pool Contributor.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	09STUART-7SPURLOCK 345.0 kV Ckt 1 line	(Any)

System Reinforcement: n9670.0

Type	Load Flow
TO	Dayton
RTEP ID / TO ID	n9670.0 / DAYr190039
Title	Reconductor Stuart-Spurlock line with twin bundle 1033 Curlew ACCR conductor.
Description	Reconductor Stuart-Spurlock line with twin bundle 1033 Curlew ACCR conductor.
Total Cost (\$USD)	\$50,000,000
Allocated Cost (\$USD)	\$0
Time Estimate	60 to 72 Months

Potential Aggregate Contributor

Note: Based on PJM cost allocation criteria, AH1-617 currently does not receive cost allocation towards this upgrade. As changes to the PJM process occur (such as other projects withdrawing from the cycle or reducing in size) AH1-617 could receive cost allocation. Although AH1-617 may not presently have cost responsibility for this upgrade, AH1-617 is a potential Aggregate Pool Contributor.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	09STUART-7SPURLOCK 345.0 kV Ckt 1 line	(Any)

System Reinforcement: n9671.0

Type	Load Flow
TO	Dayton
RTEP ID / TO ID	n9671.0 / DAYr190040
Title	Replace Stuart substation bus and conductor
Description	Replace Stuart substation bus and conductor

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	09STUART-7SPURLOCK 345.0 kV Ckt 1 line	(Any)

Total Cost (\$USD) \$1,000,000

Allocated Cost (\$USD) \$0

Time Estimate 48 to 60 Months

Potential Aggregate Contributor

Note: Based on PJM cost allocation criteria, AH1-617 currently does not receive cost allocation towards this upgrade. As changes to the PJM process occur (such as other projects withdrawing from the cycle or reducing in size) AH1-617 could receive cost allocation. Although AH1-617 may not presently have cost responsibility for this upgrade, AH1-617 is a potential Aggregate Pool Contributor.

System Reinforcement: n9672.0

Type Load Flow

TO Dayton

RTEP ID / TO ID n9672.0 / DAYr190041

Title Replace Stuart substation breakers to 4000 A breakers

Description Replace Stuart substation breakers to 4000 A breakers

Total Cost (\$USD) \$2,000,000

Allocated Cost (\$USD) \$0

Time Estimate 48 to 60 Months

Potential Aggregate Contributor

Note: Based on PJM cost allocation criteria, AH1-617 currently does not receive cost allocation towards this upgrade. As changes to the PJM process occur (such as other projects withdrawing from the cycle or reducing in size) AH1-617 could receive cost allocation. Although AH1-617 may not presently have cost responsibility for this upgrade, AH1-617 is a potential Aggregate Pool Contributor.

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	09STUART-7SPURLOCK 345.0 kV Ckt 1 line	(Any)

System Reinforcement: n9673.0

Type Load Flow

TO EKPC

RTEP ID / TO ID n9673.0 / EKPC-tc1-r0020b

Title Replace the 1500A interconnection metering CTs at Spurlock Station with 2000A equipment.

Description Replace the 1500A interconnection metering CTs at Spurlock Station with 2000A equipment.

Total Cost (\$USD) \$1,295,000

Allocated Cost (\$USD) \$0

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	09STUART-7SPURLOCK 345.0 kV Ckt 1 line	(Any)

Time Estimate 18 to 21 Months

Potential Aggregate Contributor

Note: Based on PJM cost allocation criteria, AH1-617 currently does not receive cost allocation towards this upgrade. As changes to the PJM process occur (such as other projects withdrawing from the cycle or reducing in size) AH1-617 could receive cost allocation. Although AH1-617 may not presently have cost responsibility for this upgrade, AH1-617 is a potential Aggregate Pool Contributor.

System Reinforcement

Type Load Flow

TO EKPC

RTEP ID / TO ID (Pending) / EKPC-tc1-r0020a

Title Dayton Power & Light addresses its limiting elements (EKPC limits are 1777/1792/1792 for Rate A/B/C).

Description Dayton Power & Light addresses its limiting elements (EKPC limits are 1777/1792/1792 for Rate A/B/C).

Total Cost (\$USD) \$0

Allocated Cost (\$USD) \$0

Time Estimate TBD

Note: This reinforcement is fictitious and will not be cost allocated to projects. It is listed for information purposes only.

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	09STUART-7SPURLOCK 345.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.325

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.325

Title Build a new 26.38mi 230kV Line from Elmont – Ladysmith on the existing 5-2 structures between the two stations. New conductor has a summer rating of 1573 MVA.

Description Build a new 26.38mi 230kV Line from Elmont – Ladysmith on the existing 5-2 structures between the two stations. New conductor has a summer rating of 1573 MVA.

Cost Information

Time Estimate Feb 24 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

System Reinforcement: b4000.344

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.344

Title Build a 500kV line from North Anna substation (bypassing Ladysmith Substation) to a new substation called Kraken. New conductor to have a minimum summer normal rating of 4357MVA.

Description Build a 500kV line from North Anna substation (bypassing Ladysmith Substation) to a new substation called Kraken. New conductor to have a minimum summer normal rating of 4357MVA.

Cost Information

Time Estimate Sep 16 2030

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.346

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.346

Title Cut-in 500kV line from Kraken substation into Yeat substation

Description Cut-in 500kV line from Kraken substation into Yeat substation

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.352

Type	Load Flow
TO	Dominion
RTEP ID / TO ID	b4000.352
Title	Cut in Line #568 Ladysmith - Possum Point into Kraken, creating new Line #568 Kraken to Possum Point.
Description	Cut in Line #568 Ladysmith - Possum Point into Kraken, creating new Line #568 Kraken to Possum Point.

Cost Information

Time Estimate Sep 16 2030

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.356

Type	Load Flow
TO	Dominion
RTEP ID / TO ID	b4000.356
Title	Build a new 156 mile 765kV line from Joshua Falls – Yeat. (Roughly 86.7 miles in Dominion section).
Description	Build a new 156 mile 765kV line from Joshua Falls – Yeat. (Roughly 86.7 miles in Dominion section).

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.345

Type	Load Flow
TO	Dominion
RTEP ID / TO ID	b4000.345

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

Title Build a 500kV line from a new substation called Kraken to a new substation called Yeat. New conductor to have a minimum summer normal rating of 4357MVA.

Description Build a 500kV line from a new substation called Kraken to a new substation called Yeat. New conductor to have a minimum summer normal rating of 4357MVA.

Cost Information

Time Estimate Sep 16 2030

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

System Reinforcement: b4000.327

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.327

Title Upgrade/install equipment at Ladysmith Substation to 4000A. Expansion will be required to accommodate a total of three (3) new 230 kV strings of breaker and a half scheme.

Description Upgrade/install equipment at Ladysmith substation to 4000A. Expansion will be required to accommodate a total of three (3) new 230kV strings of breaker and a half scheme.

Cost Information

Time Estimate Feb 24 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.348

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.348

Title Build a new 500/230kV substation called Kraken. The 500kV, 5000A ring bus will be set up for a redundant breaker configuration. Install (2) 1400MVA 500/230 kV transformers.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

Description Build a new 500/230kV substation called Kraken. The 500kV, 5000A ring bus will be set up for a redundant breaker configuration. Install (2) 1400MVA 500/230 kV transformers. A new redundant breaker ring will be added at Kraken to accommodate the new 500kV line from North Anna to Kraken.

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

System Reinforcement: b4000.341

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.341

Title Remove the 500 kV conductor previously planned to terminate into the Vint Hill 500 kV Substation and extend approximately 0.2 miles of conductor to fly-over the site.

Description Remove the 500 kV conductor previously planned to terminate into the Vint Hill 500 kV substation and extend approximately 0.2 miles of conductor to fly-over the site.

Cost Information

Time Estimate Jul 13 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.357

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.357

Title Build a new 765/500/230 kV substation called Yeat. Install (2) 765/500 kV transformers. Cut in 500 kV line Bristers-Ox and 500 kV line Meadowbrook-Vint Hill into Yeat.

Description Build a new 765/500/230 kV substation called Yeat. Install (2) 765/500 kV transformers. Cut in 500 kV line Bristers-Ox and 500 kV line

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

Meadowbrook-Vint Hill into Yeat.

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

System Reinforcement: b4000.349

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.349

Title Update relay settings at Ladysmith to change the destination of 500kV line #568 from Possum Point to Kraken.

Description Update relay settings at Ladysmith to change the destination of 500kV line #568 from Possum Point to Kraken.

Cost Information

Time Estimate Sep 16 2030

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.350

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.350

Title Update relay settings at Possum Point to change the destination of 500kV line #568 from Ladysmith to Kraken.

Description Update relay settings at Possum Point to change the destination of 500kV line #568 from Ladysmith to Kraken.

Cost Information

Time Estimate Sep 16 2030

Not Contingent

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

System Reinforcement: b4000.355

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.355

Title Build a new 156 mile 765kV line from Joshua Falls – Yeat. (Roughly 69.3 miles in AEP section).

Description Build a new 156 mile 765kV line from Joshua Falls – Yeat. (Roughly 69.3 miles in AEP section).

Cost Information

Time Estimate Jun 01 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.351

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.351

Title Cut in Line #568 Ladysmith - Possum Point into Kraken, creating Line #9517 Ladysmith to Kraken.

Description Cut in Line #568 Ladysmith - Possum Point into Kraken, creating Line #9517 Ladysmith to Kraken.

Cost Information

Time Estimate Sep 16 2030

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility	Contingency
►	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.326

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.326

Title At Elmont substation, install/upgrade associated equipment to accommodate a 4000A line rating for the new 230kV line between Elmont - Ladysmith.

Description At Elmont substation, install/upgrade associated equipment to accommodate a 4000A line rating for the new 230kV line between Elmont - Ladysmith.

Cost Information

Time Estimate Feb 24 2029

Not Contingent

Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

System Reinforcement: b4000.342

Type Load Flow

TO Dominion

RTEP ID / TO ID b4000.342

Title Remove the terminal equipment and substation work required for the termination of the Morrisville-Wishing Star 500 kV line into Vint Hill.

Description Remove the terminal equipment and substation work required for the termination of the Morrisville-Wishing Star 500 kV line into Vint Hill.

Cost Information

Time Estimate Jul 13 2029

Not Contingent

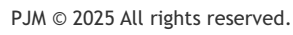
Note: AH1-617 contributes to the loading of an overloaded facility that is being mitigated by a planned baseline upgrade. AH1-617 is not contingent on this baseline upgrade as it does not meet the criteria for being a contingent facility or for having cost allocation for the upgrade.

Flowgates Addressed by this Reinforcement

	Facility ♦	Contingency ♦
▶	05CLOVRD-8LEXNGTN 500.0 kV Ckt 1 line	(Any)

Attachments

AH1-617 One Line Diagram



**AEP Portion of
Facilities Study Report
For
Physical Interconnection of
PJM Generation Interconnection Request
Project ID AH1-617
"Harbert Metering 138 kV"**

Introduction

This Facilities Study has been prepared in accordance with the PJM Open Access Transmission Tariff Part VII, and, if applicable, the Application and Studies Agreement between the Project Developer and PJM Interconnection, LLC (PJM or Transmission Provider (TP)). The Transmission Owner (TO) is Kentucky Power Company to be abbreviated in the remainder of this report as KPCO.

This Facility Study was performed to satisfy the Phase 2 Facility Study requirement of the PJM Tariff. The Facility Study is intended to provide scope, cost and schedule estimates for the project as currently defined and approved for Phase 2 study. In the event project changes are made during DP2 that impact this report, updates will be provided as part of the Phase 3 report. Following execution of the project's final agreement, this report will not be updated to account for other changes made as part of the agreement's modification clause and instead the scope change process will be followed.

A. Transmission Owner Facilities Study Summary

1. PROJECT DESCRIPTION

The Project Developer (PD) has proposed a Solar uprate to a planned/existing Generating Facility located in N/A County, KY with a designated PJM Project ID of AH1-617.

This project is an increase to the planned AG2-184 project and will share the same Point of Change in Ownership.

The AH1-617 project is a 200 MW uprate (120 MW Capacity uprate) to the previous project. The total installed facilities will have a capability of 410 MW with 246 MW of this output being recognized by PJM as Capacity.

2. POINT OF INTERCONNECTION (POI)

The Generating Facility will interconnect with the American Electric Power (AEP) transmission system via a direct connection to the Harbert Metering 138 kV Station.

The proposed generation interconnection is shown on the single line diagram in Attachment #1.

3. POINT OF CHANGE IN OWNERSHIP

The AH1-617 project is an uprate to the Project Developer's AG2-184 project and will share the same Point of Change in Ownership (PCO).

4. SCOPE OF PROJECT DEVELOPER INTERCONNECTION FACILITIES

The Project Developer will design, build, own, operate, and maintain the Project Developer Interconnection Facilities on the Project Developer's side of the Point of Change in Ownership (PCO). This includes, but is not limited to:

- Circuit breakers and associated equipment located between the high side of the MPT(s) or GSU(s) and the Point of Change in Ownership
- Generator lead line from the Generating Facility to the Point of Change in Ownership
- Relay and protective equipment, telecommunications equipment, and Supervisory Control and Data Acquisition (SCADA) to comply with the TO's Applicable Technical Requirements and Standards

B. Transmission Owner Facilities Study Results

The following is a description of the planned Transmission Owner facilities for the physical interconnection of the proposed AH1-617 project to KPCO transmission system. These facilities shall be designed according to KPCO Applicable Technical Requirements and Standards. Once built, KPCO will own, operate, and maintain these Facilities.

1. TRANSMISSION OWNER INTERCONNECTION FACILITIES

A 138 kV dead-end structure and foundation outside the fence of the Interconnection Substation, to terminate the Project Developer's generator lead line.

Line conductor from the dead-end structure to the bus position in the switchyard of the interconnection substation.

The KPCO Interconnection Facilities will include but are not limited to the following:

- Installation of one (1) new steel, single circuit, single pole dead end structure and one span of ACSR 556 (Dove) transmission line conductor with 7#8 Alumoweld shield wire for the generation lead circuit extending from the HARBERT METERING 138 kV Station

2. STAND ALONE NETWORK UPGRADES

A new three breaker ring bus substation, AG2-184 New Station 138 kV, will be constructed replacing the existing Harbert Station along the SPICEWOOD - SOFT SHELL 138 kV transmission line to interconnect the project with the KPCO transmission system.

1 mile of gravel access road. Kentucky Power Company will review and revise (as needed) the protective relay settings at the HARBERT METERING 138 kV Station.

Installation of Carrier Protection at the HARBERT METERING 138 kV Station. Kentucky Power Company will install 1 mile of 144 count all dielectric loose tube (ADLT) underground fiber-optic cable. Kentucky Power Company will install one (1) new 8340 router at the HARBERT METERING 138 kV Station..

3. NETWORK UPGRADES

The existing HARBERT METERING 138 kV station must be retired to make space for the new three breaker ring bus station to be built for AG2-184.

KPCO will tie the proposed AH1-617 138 kV project into the existing Harbert Metering 138 kV station by completing the following construction tasks:

- Kentucky Power Company will install one (1) new 1101 router at the HARBERT METERING 138 kV Station.

4. OTHER SCOPE OF WORK

- Kentucky Power Company will install one (1) metering panel with two (2) primary meters and one (1) ethernet switch in the AH1-617 Project Developer's Collector Station.
- Installation of a standard revenue metering package, including three (3) single phase current transformers (CT), three (3) single phase voltage transformers (VT), associated

structures and foundations, one (1) ethernet switch, and one (1) DICM-installed metering panel, for the generation lead circuit at the HARBERT METERING 138 kV Station.

5. MILESTONE SCHEDULES FOR COMPLETION OF AEP WORK

5.1. STANDARD OPTION

Facilities outlined in this report are estimated to take approximately 15 months to be functionally complete. This timeline begins at the PJM construction project kickoff meeting, after execution of the Generation Interconnection Agreement. This schedule is impacted by the timeline for procurement and installation of long lead items, the ability to obtain outages to construct and test the proposed facilities.

<u>Activity</u>	<u>Start Month</u>	<u>Finish Month</u>
Agreement Period*	1	2
Engineering	3	15
Procurement	N/A	N/A
Construction	N/A	N/A

***Day 1 will be determined at the PJM construction project kick off meeting.**

Note - Scheduled Outages are contingent upon outage availability. Longer duration outages are not available during peak load periods.

The above schedule is based on typical AEP construction timelines, long lead material availability, and common outage constraints which are subject to change during the tariff defined Final Agreement Negotiation Phase.

6. ASSUMPTIONS IN DEVELOPING SCOPE/COST/SCHEDULE

Note - Any materials purchased, or design decisions made by the Project Developer (relative to any facilities to be owned by AEP) prior to coordination with and approval by the executing AEP team (pursuant to an Engineering and Procurement or Generation Interconnection Agreement) are at the developer's risk and may not meet the specifications required for interconnection with the AEP transmission system.

6.1. SCOPE ASSUMPTIONS

- Equipment specifications (Breaker ratings, conductor size, etc.) are a result of the desktop functional scoping process observed while conducting this facilities study. These specifications are subject to change based on the results of the detailed scoping efforts that will take place post-interconnection or engineering and procurement agreements.
- Protection and Control (P&C) coordination with the Project Developer will be needed throughout the project. The Project Developer will be required to install an AEP-compatible line relaying protection panel at the collector substation using AEP standards to ensure relay coordination and adequate line protection. The AEP design team will ensure that the firmware at the collector station terminal matches the approved firmware at the AEP terminal. Failure to accept the cost of a matching line relay protection panel may change scoping.

- Scopes provided are based on a table-top process without the benefit of the results of site-specific engineering studies (e.g., soil borings, environmental survey, ground grid, etc.), unless otherwise provided by the Project Developer.
- The Project Developer will obtain, at its cost, all necessary provisions for the AEP direct connection facilities.
- The Project Developer will have their construction and required checkout completed prior to the start of the interconnection to the proposed AH1-617 138 kV station and any required testing outages.
- **The additional submetering scope provided assumes that a single submeter per transformer for each interconnection project will be sufficient to provide settlement data for an individually queued project.**
- **Additional submeters may be required depending on the Project Developer's final generation configuration.**

6.2. SCHEDULE ASSUMPTIONS

All transmission outages are subject to PJM and AEP Operations outage scheduling requirements.

Significant scope of work changes will impact the schedule.

The above schedule reflects only the work required to interconnect the AH1-617 project. The schedules regarding network upgrades associated with this project, if any, are detailed in the documentation related to the specific network upgrade.

Slippage by the Project Developer in executing the Generation Interconnection Agreement (GIA) does not equate to a "day for day" slippage in the scheduled back feed and in service dates. Depending on the time of year, planned outages, neighboring projects and maintenance of the grid, outage availability has the potential to shift by weeks or months depending on conditions at the time of the fully executed agreement.

6.3. ESTIMATE ASSUMPTIONS

Estimates provided are based on a table-top process without the benefit of the results of site-specific engineering studies (e.g., soil borings, environmental survey, ground grid, etc.), unless otherwise provided by the Project Developer.

7. REVENUE METERING REQUIREMENTS

All revenue metering needed for this interconnection project must meet the metering requirements stated in Appendix 2, section 8 of the AH1-617 GIA, and in PJM Manuals M01 and M14D. The details of applicable revenue metering requirements are provided in the "Connection Requirements for the AEP Transmission System" document, found at:

<https://www.aep.com/requiredpostings/AEPTransmissionStudies>

The primary and backup metering will be installed on the Transmission Owner side of the Point of Change in Ownership and will be owned and maintained by the Transmission Owner.

Any additional generation proposed behind an originating project's PCO that differs in either fuel type or corporate entity from the originating project will require the installation of additional submetering for both the originating project and the uprate for the purpose of settlement. Submetering will require additional space within the originating project's facilities. The meters,

routers, Ethernet to fiber converters, and telecom switch will be procured and owned by AEP. The revenue quality instrument transformers, fiber-optic cable connecting the submeters, and any other additional hardware for the required submetering will be procured, installed, owned, and maintained by the Project Developer.

8. LAND REQUIREMENTS FOR INTERCONNECTION SUBSTATION

Land requirements for the Interconnection Substation needed for this interconnection project must meet the requirements in the <https://www.aep.com/requiredpostings/AEPTransmissionStudies> posted on AEP website.

9. APPLICABLE TECHNICAL REQUIREMENTS AND STANDARDS

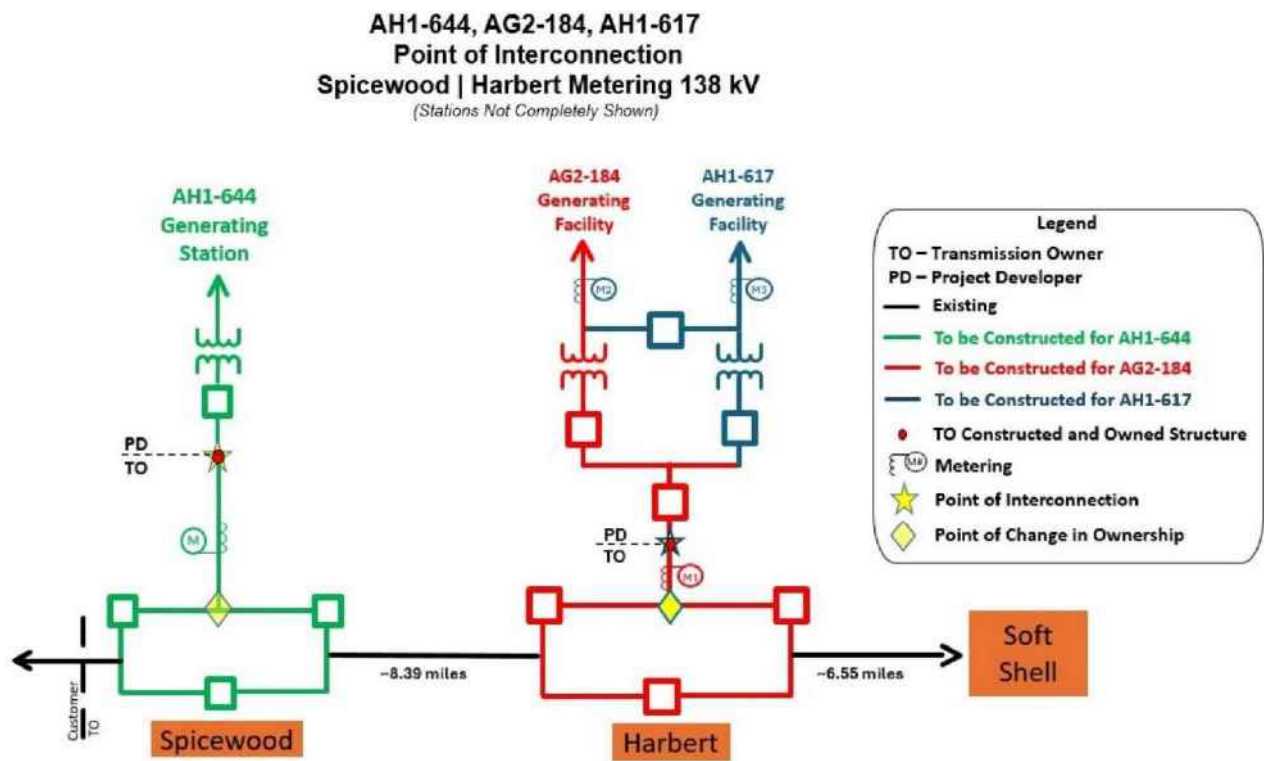
Applicable Technical Requirements and Standard: The [Connection Requirements for the AEP Transmission System](#) Rev 7 dated 12/31/2025 shall apply.

10. ENVIRONMENTAL AND PERMITTING

The Project Developer is expected to obtain, at its cost, all necessary permits and provisions for the facilities to be constructed for this interconnection. AEP requires that the standards provided in the "Standards and Expectations for Siting, Real Estate, Right-Of-Way, and Environmental Permitting for Transmission Interconnection Projects", found at: <https://www.aep.com/requiredpostings/AEPTransmissionStudies> be adhered to for all facilities interconnecting with the AEP transmission system.

C APPENDICES

Attachment #1: Single Line Diagram for the Physical Interconnection



Attachment #2: Substation General Arrangement

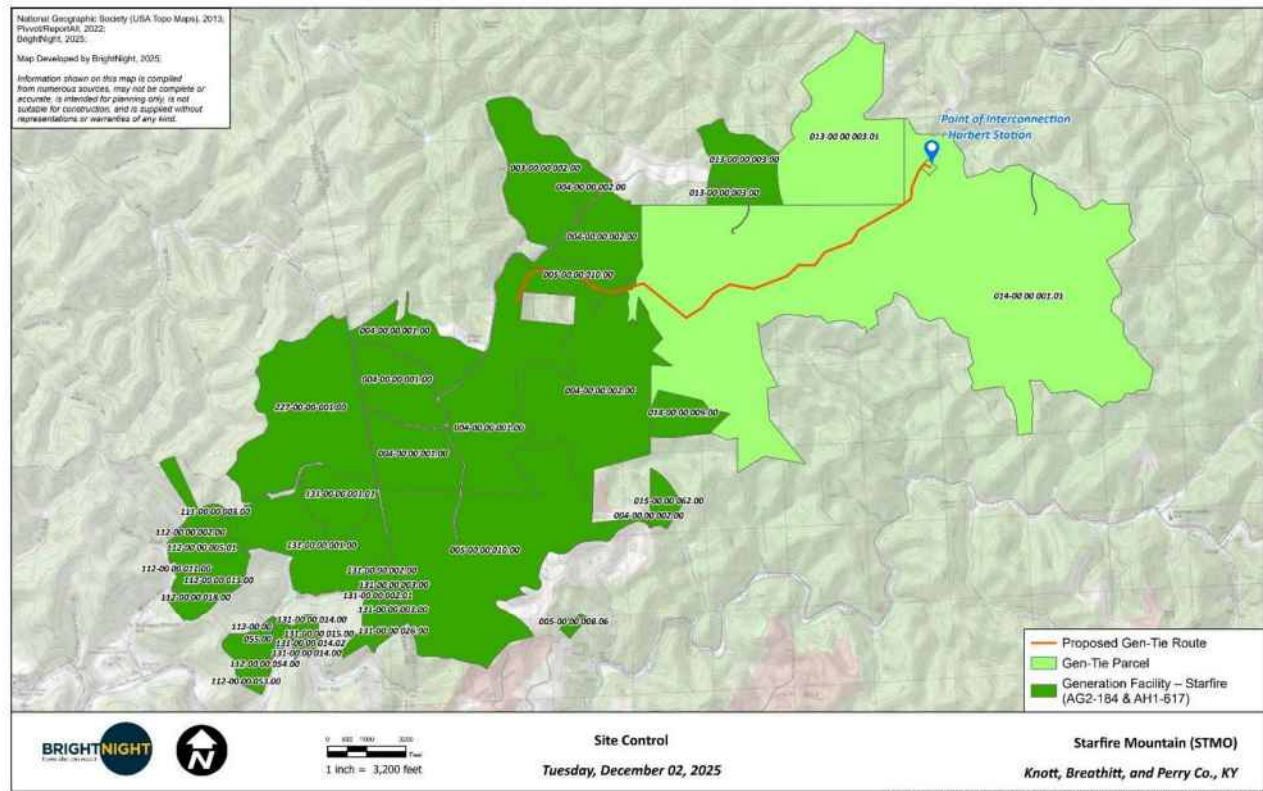


Exhibit H

COMMONWEALTH OF KENTUCKY
BEFORE THE KENTUCKY STATE BOARD ON
ELECTRIC GENERATION AND TRANSMISSION SITING

In the Matter of:

ELECTRONIC APPLICATION OF STMO BN, LLC	)	
(STARFIRE) FOR A CERTIFICATE OF	)	
CONSTRUCTION FOR AN APPROXIMATELY 200	)	
MEGAWATT MERCHANT SOLAR ELECTRIC	)	Case No. 2026-00180
GENERATING FACILITY AND NONREGULATED	)	
ELECTRIC TRANSMISSION LINE IN KNOTT AND	)	
PERRY COUNTIES, KENTUCKY PURSUANT TO	)	
KRS 278.700 AND 807 KAR 5:110	)	

Proof of Service in Compliance with KRS 278.706(2)(h) and KRS 278.714(2)(f)

Comes the Affiant, Brian Patton, and hereby states as follows:

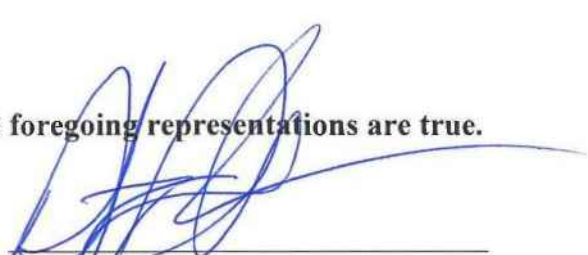
1. I am over the age of 18 and a resident of Kentucky.
2. On August 25, 2026, I personally delivered physical and electronic versions of STMO, BN, LLC's Application for a Certificate of Construction for a merchant solar electric generating facility and nonregulated electric transmission line to the following individuals and locations:

Knott County Judge-Executive Jeff Dobson
54 W. Main Street East
Hindman, KY 41822

Perry County Judge-Executive Scott Alexander
481 Main Street
Hazard, KY 41702

I affirm under penalty of perjury that the foregoing representations are true.

Date: August 25, 2026



Brian Patton

Exhibit I

STARFIRE II

ECONOMIC & FISCAL CONTRIBUTION TO THE REGION AND TO THE COMMONWEALTH OF KENTUCKY



Prepared for



JULY 2026



804-322-7777

MANGUMECONOMICS.COM

About Mangum Economics, LLC

Mangum Economics was founded in 2003 and since then, we have become known as a leader in industry analysis, economic impact assessment, policy and program evaluation, and economic and workforce strategy development. The Mangum Team specializes in producing objective and actionable quantitative economic research that our clients use for strategic decision making in a variety of industries and environments. We know that our clients are unique, and that one size does not fit all. As a result, we have a well-earned reputation for tailoring our analyses to meet the specific needs of specific clients, with a specific audience.

Most of our research falls into four general categories:

- **Energy:** The Mangum Team has produced analyses of the economic and fiscal impact of over 70 GW of proposed solar, wind, battery energy storage, and hydro projects spanning more than thirty states ranging from 1 MW to over 800 MW in capacity, including small-scale distributed facilities. Among those projects was Dominion's 2.6 GW Coastal Virginia Offshore Wind project off of Virginia Beach. In addition, the Mangum Team has also performed economic and fiscal impact analyses for the natural gas, nuclear, oil, transmission lines, and pipeline industries.
- **Economic Development and Special Projects:** The Mangum Team has performed hundreds of analyses of proposed economic development projects and existing entities including museums and tourist attractions, hospital systems, industrial development and mixed-use projects, and economic development regions. The Mangum Team has also authored multiple economic development plans and assessed the impacts of international trade and an overseas trade office.
- **Advanced Applied Technology:** The Mangum Team specializes in analyzing how advanced technology developments (like data centers, fiber networks, and advanced manufacturing plants) contribute to the state and local economies. We have worked with local governments, trade associations, developers, and operating firms across the country to show how investments in advanced critical infrastructure transform local economies across the country.
- **Policy Analysis:** The Mangum Team also has extensive experience in identifying and quantifying the impacts of legislative and regulatory initiatives. We have performed analyses (benefit-cost analysis, return on investment, risk assessment, empirical, and logic modelling) spanning a wide array of policy initiatives, including economic development, labor, tax, food safety and nutrition, consumer products, transportation, ecommerce, consumer data collection, environmental, and gaming.

The Project Team

Martina Arel, M.B.A., *Director – Economic Development & Energy Research*

Rebecca Kyle, *Senior Research Analyst*

Gavin Pyle, *Research Analyst*

Fletcher Mangum, Ph.D., *Founder and CEO*

Table of Contents

Executive Summary.....	1
Introduction	4
The Project	4
Electricity Production in Kentucky	4
Overall Market	4
Sources of Production	5
Impact on the Environment	6
Kentucky Solar Industry Trends	7
Local Economic Profile	8
Total Employment.....	8
Employment and Wages by Industry Supersector.....	9
Unemployment	11
Coal Mining Industry	12
Economic Impact.....	14
Method.....	14
Construction Phase	15
Economic Impact Assumptions.....	15
Economic Impact – Region.....	15
Economic Impact – Kentucky	16
Ongoing Operations Phase	16
Economic Impact Assumptions.....	16
Economic Impact – Region.....	17
Economic Impact – Kentucky	17
Decommissioning Phase	18
Economic Impact Assumptions.....	18
Economic Impact – Region.....	18
Economic Impact – Kentucky	19
Fiscal Impact.....	20
Fiscal Impact Assumptions.....	20
Fiscal Impact.....	21
Payment-in-Lieu of Taxes (PILOT) – Knott County and Perry County.....	21
Taxation of Land and IRB Financed Property – Kentucky	22
Current Use Comparison.....	24
Fiscal Impact Assumptions	24
Fiscal Impact.....	24

Executive Summary

This report assesses the economic and fiscal contribution that the proposed Starfire II project would have on the region and the Commonwealth of Kentucky.

Starfire II is a proposed 200-megawatt (MW) alternating current (AC) utility-scale solar photovoltaic power generating facility that would be developed by BrightNight. Starfire II would be located on a former mine site south of Wendell H. Ford Airport in the counties of Knott and Perry, Kentucky. The acreage leased for the project would encompass approximately 1,500 acres of primarily former mine land. The actively used, fenced-in solar site would be approximately 1,273 acres.

The primary findings from the assessment are as follows:^{1,2}

Economic Impact – Construction Phase^{3,4}

- Starfire II would provide an estimated pulse of economic activity to the region during its construction phase supporting approximately:
 - 83 direct regional construction jobs and 96 indirect and induced regional jobs,
 - \$13.1 million in associated regional wages and benefits,
 - \$56.6 million in regional economic output, and
 - \$2.5 million in state and local tax revenue (in 2026 dollars).
- Starfire II would provide an estimated pulse of economic activity to the Commonwealth of Kentucky during its construction phase supporting approximately:
 - 188 direct statewide construction jobs and 250 indirect and induced statewide jobs,
 - \$41.6 million in associated statewide wages and benefits,
 - \$135.0 million in statewide economic output, and
 - \$6.0 million in state and local tax revenue (in 2026 dollars).

Economic Impact – Ongoing Operational Phase

- Starfire II would provide an estimated annual economic impact to the region during its ongoing operational phase supporting approximately:
 - 1 direct regional operational job and 7 indirect and induced regional jobs,
 - \$0.5 million in associated regional wages and benefits, and
 - \$4.4 million in regional economic output (in 2026 dollars).

¹ The region for the economic impact estimates includes the counties of Breathitt, Floyd, Knott, and Perry.

² The economic impact on the Commonwealth of Kentucky includes the economic impact on the region.

³ Construction jobs represent employment supported by project spending, not necessarily new hires. The proportion of jobs filled by county or in-state construction contractors or residents is subject to change based on final vendor contracts.

⁴ One construction job equals one person working full-time for one year. Since construction schedules and daily on-site employment vary, the analysis converts these variations into a consistent, 12-month, full-time job.

- Starfire II would provide an estimated annual economic impact to the Commonwealth of Kentucky during its ongoing operational phase supporting approximately:
 - 1 direct statewide operational job and 12 indirect and induced statewide jobs,
 - \$0.8 million in associated statewide wages and benefits, and
 - \$5.6 million in statewide economic output (in 2026 dollars).

Economic Impact – Decommissioning^{5,6}

- Starfire II would provide an estimated pulse of economic activity to the region during decommissioning of the project supporting approximately:
 - 23 direct regional jobs and 26 indirect and induced regional jobs,
 - \$4.0 million in associated regional wages and benefits,
 - \$12.4 million in regional economic output, and
 - \$0.4 million in state and local tax revenue (in 2026 dollars).
- Starfire II would provide an estimated pulse of economic activity to the Commonwealth of Kentucky during decommissioning supporting approximately:
 - 46 direct statewide jobs and 76 indirect and induced statewide jobs,
 - \$10.5 million in associated statewide wages and benefits,
 - \$34.5 million in statewide economic output, and
 - \$1.3 million in state and local tax revenue (in 2026 dollars).

Fiscal Impact – Ongoing Operational Phase

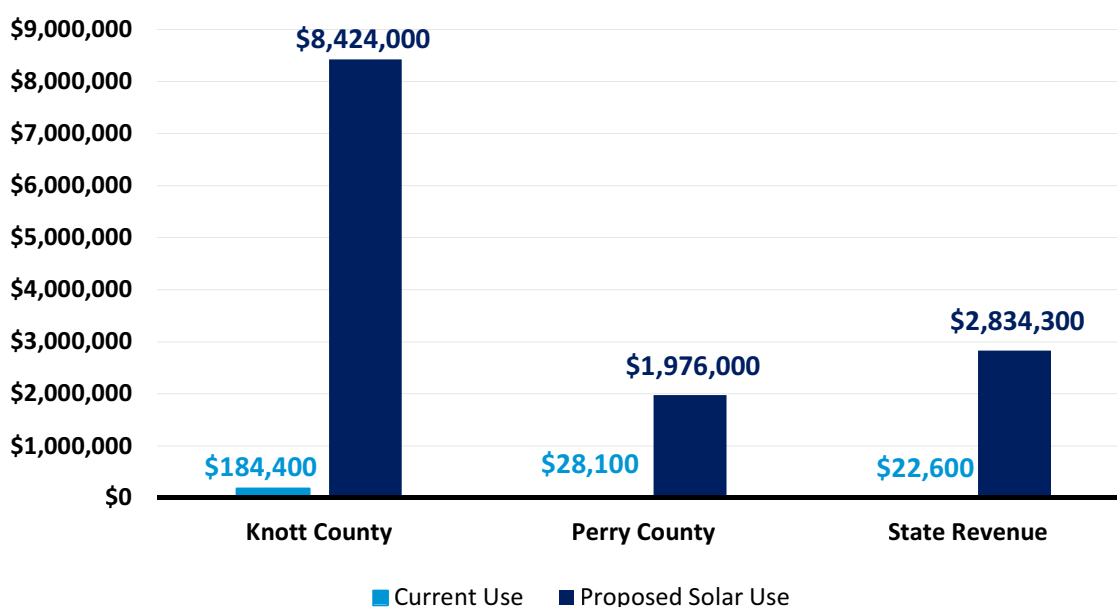
- Knott County
 - Starfire II would generate approximately \$8.4 million in cumulative county revenue over the facility's anticipated 40-year operational life from proposed payment-in-lieu-of-tax (PILOT) payments (in 2026 dollars).
 - In its current use, the property would generate approximately \$0.2 million in cumulative county revenue over a 40-year period – Starfire II would provide a 46-fold increase over current revenues (in 2026 dollars).
- Perry County
 - Starfire II would generate approximately \$2.0 million in cumulative county revenue over the facility's anticipated 40-year operational life from proposed payment-in-lieu-of-tax (PILOT) payments (in 2026 dollars).

⁵ Decommissioning jobs represent employment supported by project spending, not necessarily new hires. The proportion of jobs filled by county or in-state contractors or residents is subject to change based on final vendor contracts.

⁶ One decommissioning job equals one person working full-time for one year. Since construction schedules and daily on-site employment vary, the analysis converts these variations into a consistent, 12-month, full-time job.

- In its current use, the property would generate approximately \$28,100 in cumulative county revenue over a 40-year period – Starfire II would provide a 70-fold increase over current revenues (in 2026 dollars).
- Commonwealth of Kentucky⁷
 - Starfire II would generate approximately \$2.8 million in cumulative state revenue over the facility’s anticipated 40-year operational life (in 2026 dollars).
 - In its current use, the property would generate approximately \$22,600 in cumulative state tax revenue over a 40-year period – Starfire II would provide a 125-fold increase over current revenues (in 2026 dollars).

Estimated Cumulative Local and Commonwealth of Kentucky Revenue over 40 Years (2026 Dollars)



The estimates provided in this report are based on the best information available and all reasonable care has been taken in assessing the quality of that information. However, because these estimates attempt to foresee the consequences of circumstances that have not yet occurred, it is not possible to be certain that they will be representative of actual events. These estimates are intended to provide a good indication of likely future outcomes and should not be construed to represent a precise measure of those outcomes.

⁷ State level tax revenue only.

Introduction

This report assesses the economic and fiscal contribution that the proposed Starfire II project would have on the region and the Commonwealth of Kentucky. This report was commissioned by BrightNight and produced by Mangum Economics.

The Project

Starfire II is a proposed 200-megawatt (MW) alternating current (AC) utility-scale solar photovoltaic power generating facility that would be developed by BrightNight. Starfire II would be located on a former mine site directly south of Wendell H. Ford Airport in the counties of Knott and Perry, Kentucky. The acreage leased for the project would encompass approximately 1,500 acres of primarily former mine land. The actively used, fenced-in solar site would be approximately 1,273 acres.

Electricity Production in Kentucky

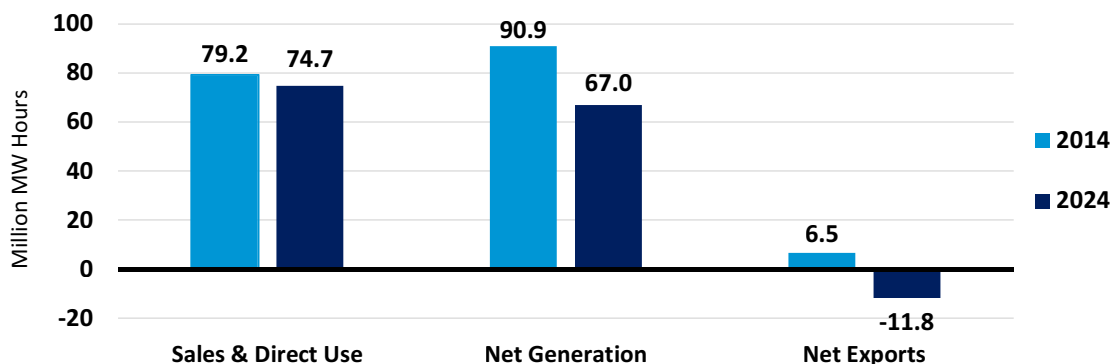
This section provides a backdrop for the proposed Starfire II project by profiling Kentucky's electricity production sector and the role that solar energy could play in that sector.

Overall Market

As shown in Figure 1, in 2024, electricity sales and direct use in Kentucky totaled 79.2 million megawatt hours. However, only 90 percent of that demand was met by in-state sources. As a result, Kentucky imported the remaining electricity it consumed from producers in other states. As with all imports, the associated jobs, wages, and economic output created by that production went to the exporting states.

Between 2014 and 2024, total electricity produced in Kentucky decreased by 23.9 million megawatt hours, while retail and direct consumption decreased by 4.5 million megawatt hours. As a result, Kentucky went from being a net exporter to a net importer of electricity.

Figure 1: Demand and Supply of Electricity in Kentucky in 2014 and 2024
(in millions of megawatt-hours)⁸



⁸ Data Source: U.S. Energy Information Administration. "Net Imports" also takes into account losses during transmission. As a result, it does not directly equal the residual of "Total Net Generation" minus "Total Retail Sales and Direct Use."

Sources of Production

Figure 2 provides a comparison of the energy sources that were used to produce electricity in Kentucky in 2014 and 2024. As these data show, the most significant change between 2014 and 2024 was a decrease in the use of coal and an increase in the use of cleaner-burning low emissions sources like natural gas and zero emissions solar.

Where coal was the state's largest source of electricity in 2014, accounting for 83.6 million megawatt hours, by 2024 that number had fallen to 44.8 million megawatt hours (a 46 percent decrease). In contrast, natural gas accounted for 2.5 million megawatt hours in 2014, and its use increased to 17.3 million megawatt hours by 2024 (a 591 percent increase). In addition, solar, which entered the Kentucky electricity production market in 2016, grew to 0.3 million megawatt hours in 2024.

Figure 2: Electricity Generation in Kentucky by Energy Source in 2014 and 2024
(in millions of megawatt-hours)⁹

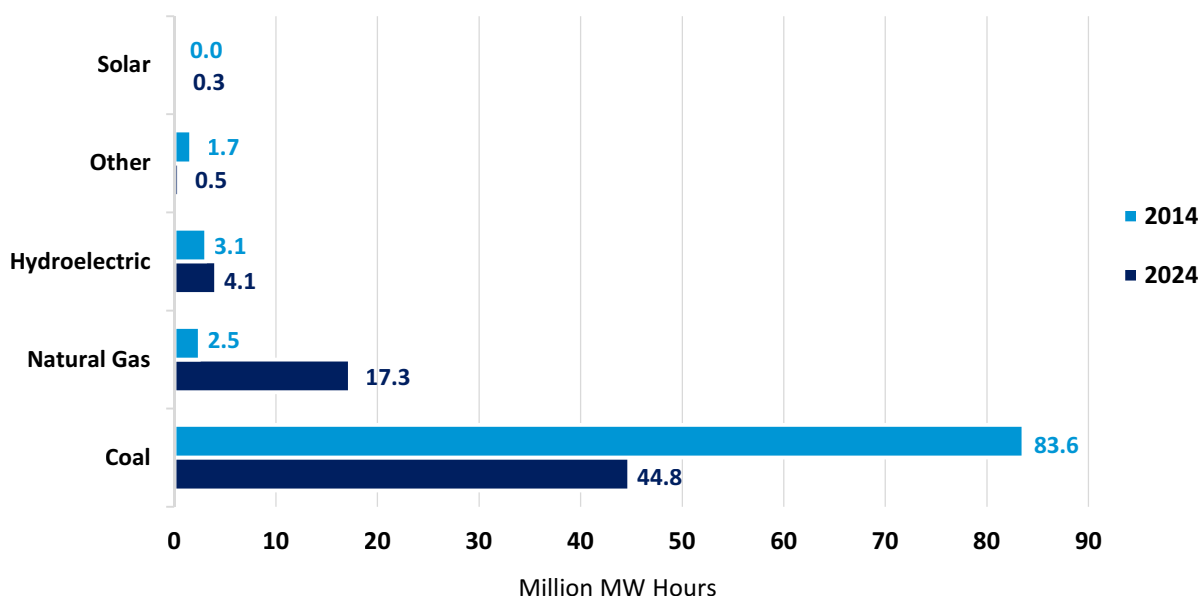


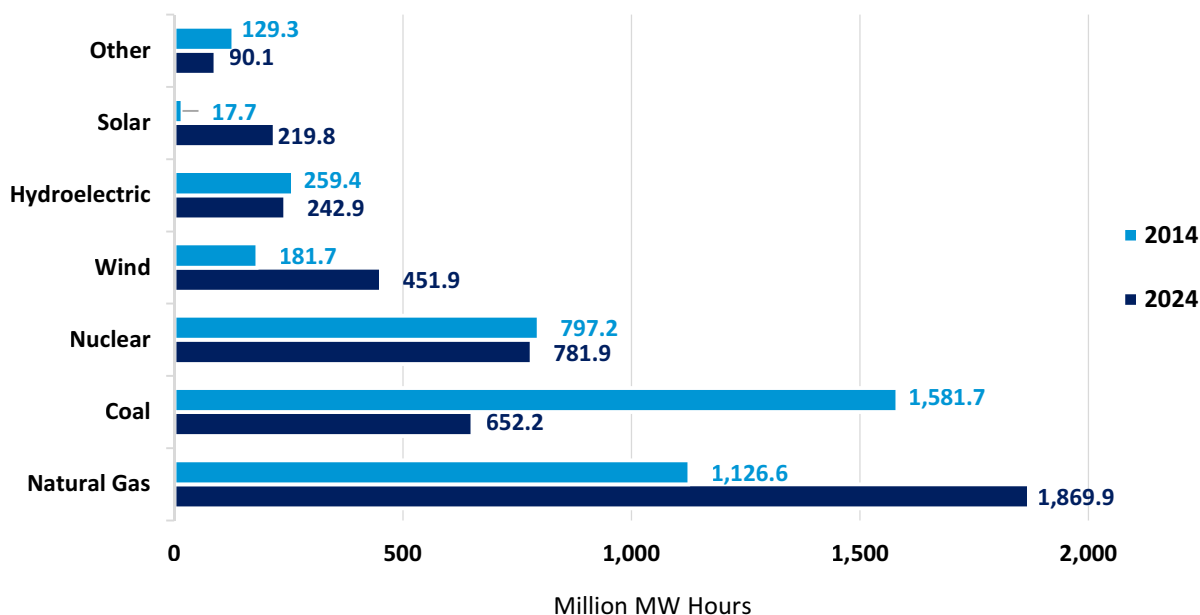
Figure 3 provides similar data for the U.S. as a whole. A quick comparison of Figures 2 and 3 shows that although the degree of reliance on specific energy sources for electricity production is quite different between the U.S. and Kentucky, the trend toward lower-emissions energy sources is the same. Nationally, between 2014 and 2024, the amount of electricity produced using coal decreased from 1,581.7 to 652.2 million megawatt hours (a 59 percent decrease), while the amount of electricity produced using natural gas increased from 1,126.6 to 1,869.9 million megawatt hours (a 66 percent increase).

Nationwide, as in Kentucky, the reliance on renewable energy sources increased during this time. Between 2014 and 2024, the amount of electricity produced using solar increased by 202.1 million megawatt hours

⁹ Data Source: U.S. Energy Information Administration. "Other" includes battery, other, other biomass, petroleum, and wood.

to 5 percent of total electricity production nationwide as compared to 0.4 percent of total electricity production in Kentucky.¹⁰

Figure 3: Electricity Generation in the United States by Energy Source in 2014 and 2024
(in millions of megawatt-hours)¹¹



Impact on the Environment

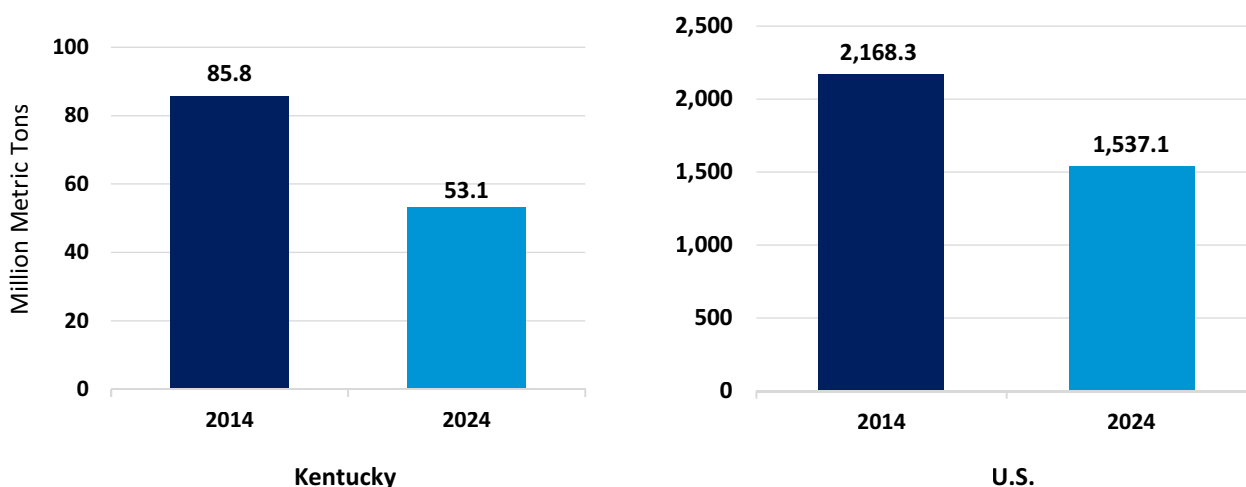
In discussing the impact of these trends on the environment, it is important to realize that electricity production is one of the U.S.'s largest sources of greenhouse gas emissions. Figure 4 depicts carbon dioxide emissions from electricity production in 2014 and 2024 for both Kentucky and the U.S.

As these data indicate, between 2014 and 2024, as the amount of electricity produced in Kentucky from coal fell by 46 percent, carbon dioxide emissions from electricity production decreased from 85.8 to 53.1 million metric tons (a 38 percent decrease). Where at the national level, as the amount of electricity produced from coal fell by 59 percent, carbon dioxide emissions from electricity production decreased from 2,168.3 to 1,537.1 million metric tons (a 29 percent decrease).

¹⁰ Data Source: U.S. Energy Information Administration.

¹¹ Data Source: U.S. Energy Information Administration. "Other" includes battery, other, other biomass, other gas, petroleum, pumped storage, and wood.

Figure 4: Carbon Dioxide Emissions from Electricity Production (millions of metric tons)¹²

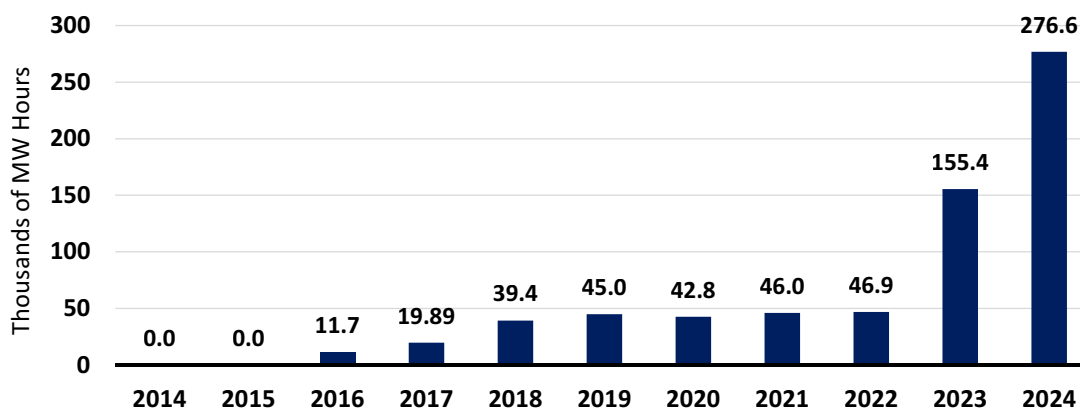


Kentucky Solar Industry Trends

Kentucky ranks 27th in the nation in terms of operable utility-scale solar capacity. With over 2,100 megawatts of capacity in the development pipeline, Kentucky ranks 16th in the nation in terms of proposed utility-scale solar capacity.¹³ Total investment into the solar industry in Kentucky amounts to \$2.3 billion as of the second quarter of 2026.¹⁴

Figure 5 depicts the progression of solar energy generation in Kentucky from 2014 to 2024 expressed in thousands of megawatt-hours. Generation has generally grown throughout the period, reaching a new peak in 2024 with solar generation totaling 276.6 thousand megawatt-hours.

Figure 5: Solar Generation in Kentucky (in thousands of megawatt-hours) – 2014 to 2024¹⁵



¹² Data Source: U.S. Energy Information Administration.

¹³ Data Source: U.S. Energy Information Administration. Based on preliminary data for 2025. This total does not include MW associated with Starfire II.

¹⁴ Data Source: Solar Energy Industries Association. Includes residential, community, commercial, and utility solar.

¹⁵ Data Source: U.S. Energy Information Administration.

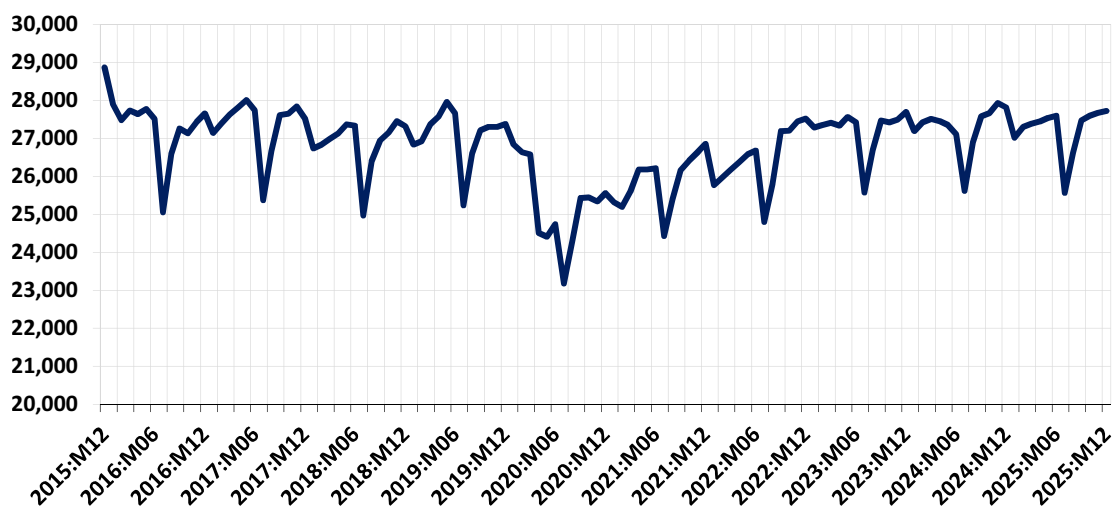
Local Economic Profile

This section provides context for the economic and fiscal impact assessments to follow by profiling the local economies of the counties of Breathitt, Knott, Perry, and Floyd (region), Kentucky.

Total Employment

Figure 6 depicts the trend in total employment in the region during the ten-year period from December 2015 through December 2025. As these data show, total employment experienced seasonal fluctuations throughout the period, with a significant decline in 2020 in response to labor dislocations caused by the COVID-19 pandemic. As of December 2025, total employment in the region stood at 27,728 jobs, which represents an overall decrease in employment of 4.0 percent (or 1,144 jobs) over the ten-year period. To put this number in perspective, over this same period, total statewide employment in Kentucky increased by 6.7 percent.¹⁶

Figure 6: Total Employment in the Region – December 2015 to December 2025¹⁷

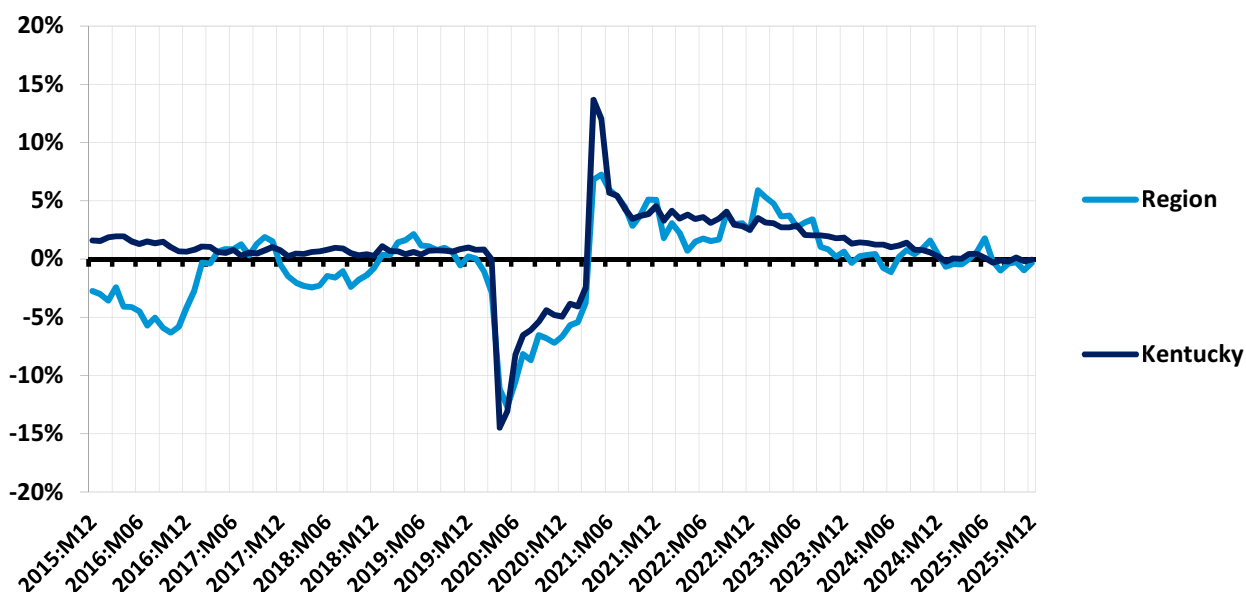


To control for seasonality and provide a point of reference, Figure 7 compares the year-over-year change in total employment in the region to that of the state of Kentucky over the same ten-year period. Any point above the zero line in this graph indicates an increase in employment, while any point below the zero line indicates a decline in employment. As these data show, the year-over-year change in employment in the region fluctuated between employment growth and decline prior to the COVID-19 pandemic. The region then experienced a sharp employment decline due to labor dislocations caused by the COVID-19 pandemic. Post COVID-19 pandemic, the region saw positive employment growth until midway through 2023, before leveling out near zero for the remainder of the period. As of December 2025, the year-over-year change in total employment in the region was minus 0.3 percent as compared to 0.1 percent statewide in Kentucky.

¹⁶ Data Source: U.S. Bureau of Labor Statistics.

¹⁷ Data Source: U.S. Bureau of Labor Statistics.

Figure 7: Year-Over-Year Change in Total Employment – December 2015 to December 2025¹⁸



Employment and Wages by Industry Supersector

To provide a better understanding of the underlying factors motivating the total employment trends depicted in Figures 6 and 7, Figures 8 through 10 provide data on private employment and wages in the region by industry supersector.¹⁹

Figure 8 provides an indication of the distribution of private sector employment across industry supersectors in the region in 2024. As these data indicate, the region's largest industry sectors that year were Education and Health Services (8,126 jobs), Trade, Transportation and Utilities (5,392 jobs), and Professional and Business Services (1,904 jobs).

Figure 9 provides a similar ranking for average private sector weekly wages by industry supersector in the region in 2024. As these data show, the highest paying industry sectors that year were Natural Resources and Mining (\$1,783 per week), Construction (\$1,083 per week), and Information (\$1,073 per week). To provide a point of reference, the average private sector weekly wage across all industry sectors in the region that year was \$949 per week.

¹⁸ Data Source: U.S. Bureau of Labor Statistics.

¹⁹ A "supersector" is the highest level of aggregation in the coding system that the Bureau of Labor Statistics uses to classify industries.

Figure 8: Private Employment by Industry Supersector in the Region – 2024²⁰

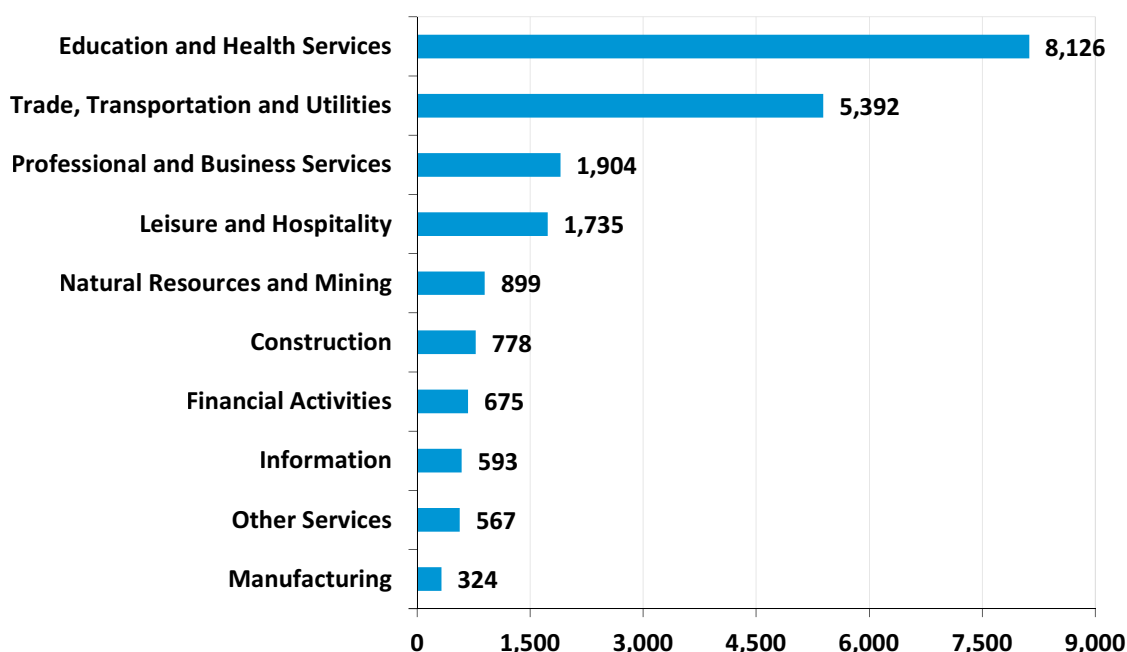
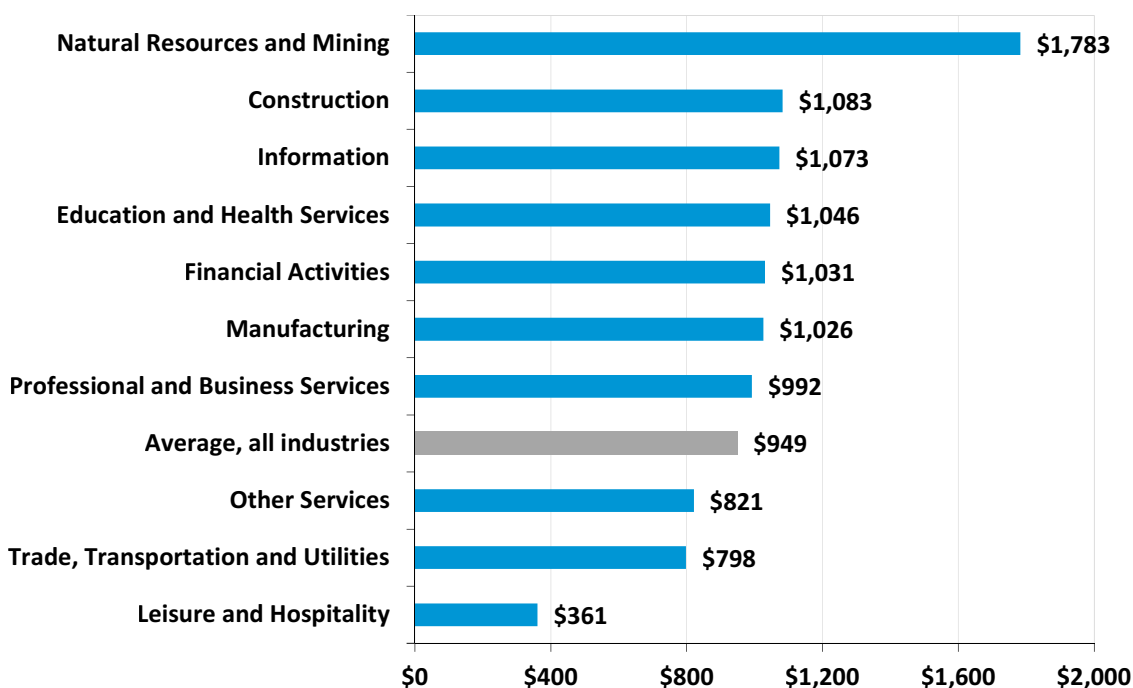


Figure 9: Average Private Weekly Wages by Industry Supersector in the Region – 2024²¹

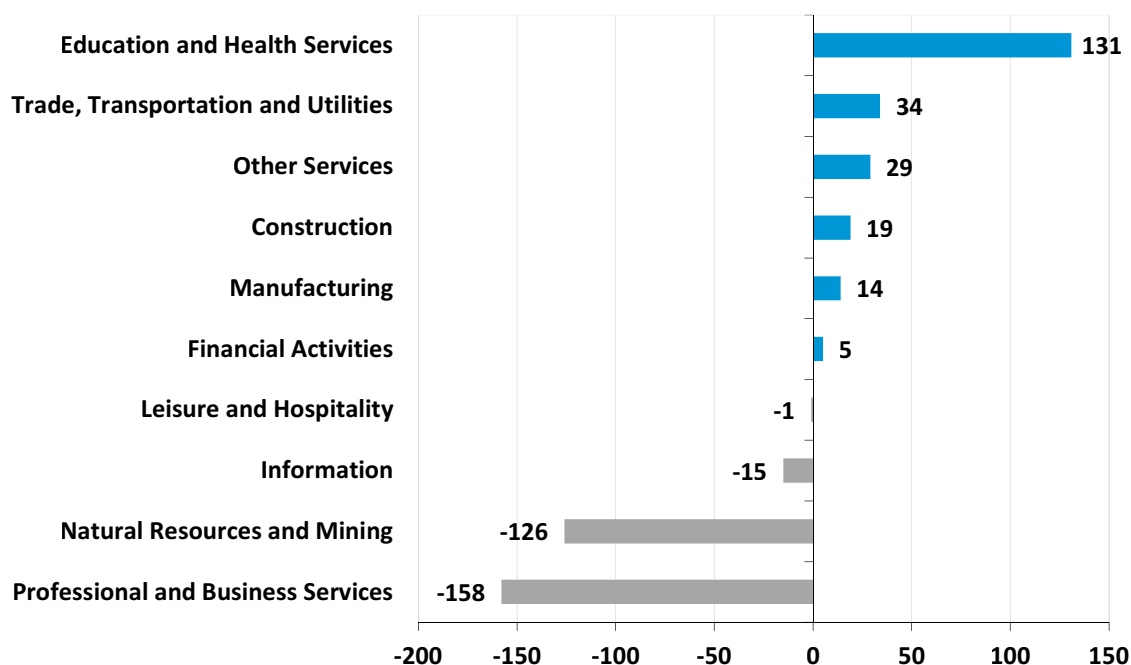


²⁰ Data Source: U.S. Bureau of Labor Statistics. Data on the Manufacturing and Natural Resources and Mining sectors have been suppressed in Breathitt County and Knott County due to data confidentiality. Regional industry totals shown for these sectors are lower than actual employment levels. 2024 data is used due to the suppression of multiple sectors in 2025 preliminary data.

²¹ Data Source: U.S. Bureau of Labor Statistics. Data on the Manufacturing and Natural Resources and Mining sectors have been suppressed in Breathitt County and Knott County due to data confidentiality. Regional industry totals shown for these sectors are lower than actual employment levels. 2024 data is used due to the suppression of multiple sectors in 2025 preliminary data.

Figure 10 details the year-over-year change in private sector employment from 2023 to 2024 in the region by industry supersector. Over this period, the largest employment gains occurred in Education and Health Services (up 131 jobs), followed by Trade, Transportation and Utilities (up 34 jobs), and Other Services (up 29 jobs) sectors. The largest employment losses occurred in the Professional and Business Services (down 158 jobs), Natural Resources and Mining (down 126 jobs), and Information (down 15 jobs) sectors.

Figure 10: Change in Private Employment by Industry Supersector in the Region from 2023 to 2024²²

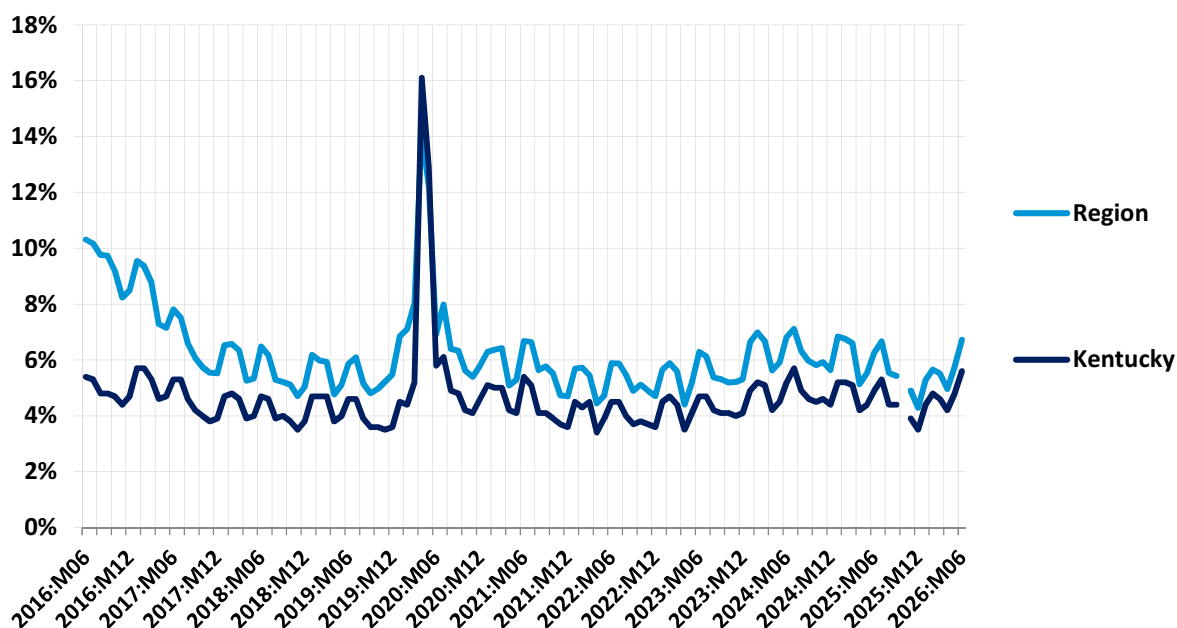


Unemployment

Figure 11 illustrates the trend in the region's unemployment rate over the ten-year period from June 2016 through June 2026 and benchmarks those data against the statewide trend for Kentucky. As these data show, unemployment in the region and state significantly rose in April 2020 as a result of the labor dislocations caused by the COVID-19 pandemic. Unemployment rates in the region generally remained above the statewide trend throughout the period. As of June 2026, unemployment stood at 6.7 percent in the region and at 5.6 percent in Kentucky.

²² Data Source: U.S. Bureau of Labor Statistics. *Data on the Manufacturing and Natural Resources and Mining sectors have been suppressed in Breathitt County and Knott County due to data confidentiality. Regional industry totals shown for these sectors are lower than actual employment levels. 2024 data is used due to the suppression of multiple sectors in 2025 preliminary data.*

Figure 11: Unemployment Rate –June 2016 to June 2026²³



Coal Mining Industry

The coal mining industry has been an important driver of Kentucky's economy, providing jobs and wages for many decades. For years, the region was among the top coal producers in Eastern Kentucky. However, in recent years mining employment and coal production have declined and mine lands have been abandoned.

Figure 12 shows the change in total coal mining employment between the fourth quarter of 2015 and fourth quarter of 2025 in the region and in the state as a whole. In the fourth quarter of 2015, coal mining employment in the region accounted for 1,401 jobs or approximately 6.4 percent of total private sector employment. Statewide, coal mining employment during that time accounted for approximately 8,512 jobs, or 0.6 percent of total private sector employment.²⁴

Since then, coal mining employment in the region has declined by 67 percent to 458 jobs (or 2.2 percent of total regional private sector employment) while statewide, coal mining employment has declined by 56 percent to 3,734 jobs (or 0.2 percent of total statewide private sector employment).²⁵

Figure 13 summarizes the total coal tonnage produced in the region and state between the fourth quarter of 2015 and the fourth quarter of 2025. Whereas coal production in the region totaled 4.3 million tons in the fourth quarter of 2015, by the fourth quarter of 2025 it had declined to 0.5 million tons. This constitutes a decrease of 89 percent compared to a statewide decrease of 55 percent.

²³ Data Source: U.S. Bureau of Labor Statistics. Data for October 2025 is unavailable due to the 2025 lapse in appropriations.

²⁴ Data Source: Kentucky Energy and Environment Cabinet. Coal Facts and U.S Bureau of Labor Statistics.

²⁵ Data Source: Kentucky Energy and Environment Cabinet. Coal Facts and U.S Bureau of Labor Statistics.

Figure 12: Total Mining Employment in the Region and Statewide – 4th Qu. 2015 to 4th Qu. 2025²⁶

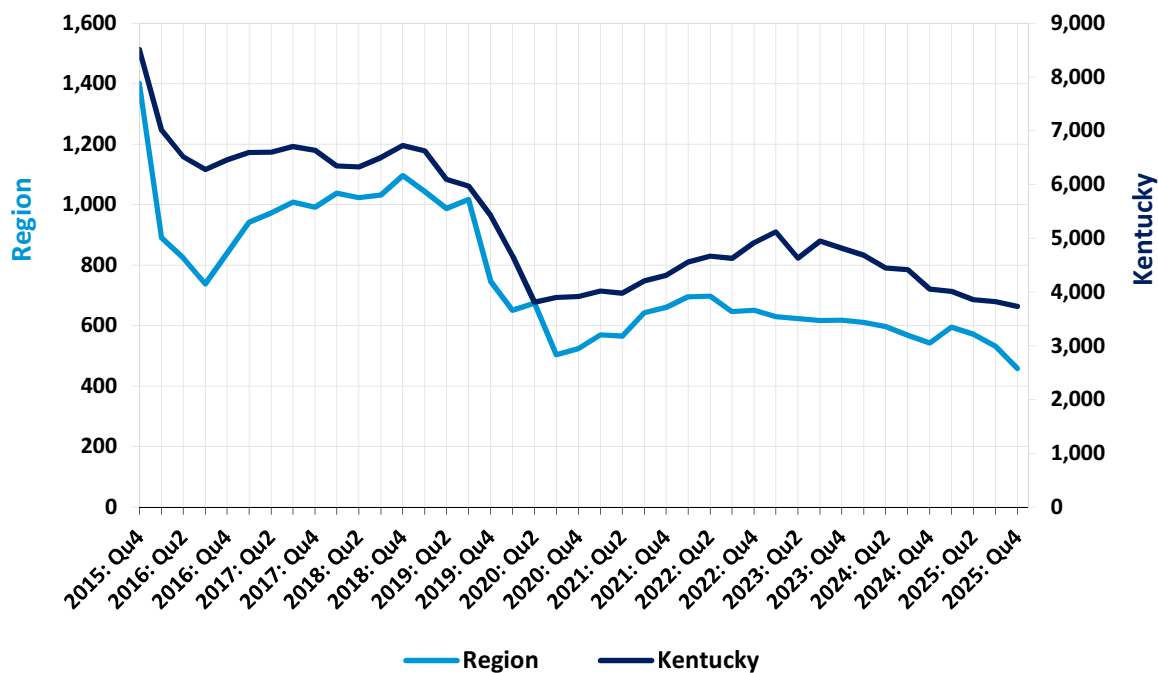
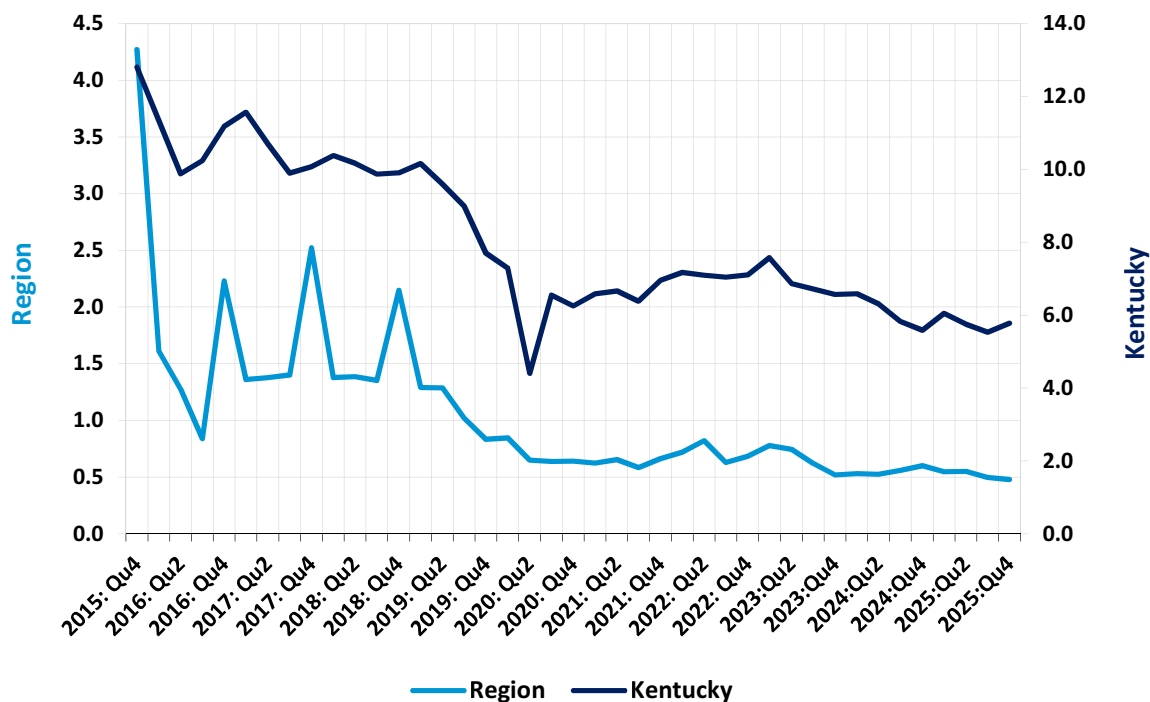


Figure 13: Coal Production in the Region and Statewide – 4th Qu 2015 to 4th Qu 2025²⁷
(in million tons)



²⁶ Data Source: Kentucky Energy and Environment Cabinet. Coal Facts.

²⁷ Data Source: Kentucky Energy and Environment Cabinet. Coal Facts.

Economic Impact

The analysis provided in this section quantifies the economic and fiscal contribution that the proposed Starfire II project would make to the region and to the Commonwealth of Kentucky. The analysis separately evaluates the pulse of economic activity that would occur during the construction and decommissioning phases of the project, as well as the annual economic activity that the project would generate during its ongoing operational phase.²⁸

Method

To empirically evaluate the likely local economic impact attributable to the proposed Starfire II project, the analysis employs a regional economic impact model called IMPLAN.²⁹ The IMPLAN model is one of the most commonly used economic impact simulation models in the U.S. and is commonly employed by universities, state agencies and research institutes. Like all economic impact models, the IMPLAN model uses economic multipliers to quantify economic impact.

Economic multipliers measure the ripple effects that an expenditure generates as it makes its way through the economy. For example, as when the Starfire II project purchases goods and services – or when employees and contractors hired by the facility use their salaries and wages to make household purchases – thereby generating income for someone else, which is in turn spent, thereby becoming income for yet someone else, and so on, and so on. Through this process, one dollar in expenditures generates multiple dollars of income. The mathematical relationship between the initial expenditure and the total income generated is the economic multiplier.

One of the primary advantages of the IMPLAN model is that it uses regional and national production and trade flow data to construct region-specific and industry-specific economic multipliers, which are then further adjusted to reflect anticipated actual spending patterns within the specific geographic study area that is being evaluated. As a result, the economic impact estimates produced by IMPLAN are not generic. They reflect as precisely as possible the economic realities of the specific industry, and the specific study area, being evaluated.

In the analysis that follows, these impact estimates are divided into three categories. First round direct impact measures the direct economic contribution of the entity being evaluated (e.g., goods and services purchased by the Starfire II project). Second round indirect and induced impact measures the economic ripple effects of this direct impact in terms of business to business, and household (employee) to business, transactions. Total impact is simply the sum of the preceding two. These categories of impact are then further defined in terms of employment (the jobs that are created), labor income (the wages and benefits associated with those jobs), and economic output (the total amount of economic activity that is created in the economy).

²⁸ The region for the economic impact estimates includes the counties of Breathitt, Floyd, Knott, and Perry.

²⁹ IMPLAN is produced by IMPLAN Group, LLC.

Construction Phase

This portion of the section assesses the economic and fiscal impact that the pulse of economic activity associated with construction of the proposed Starfire II project would have on the region and on the Commonwealth of Kentucky.

Economic Impact Assumptions

The analysis is based on the following assumptions:

- Total capitalized investment in Starfire II is estimated to be approximately \$351.6 million.³⁰
- Starfire II would support the reforestation of approximately 25 acres in the region.³¹
- The IMPLAN model and analysis assume all construction is completed within a 12-month period.

Economic Impact – Region

As shown in Table 1, based on the analysis, construction of Starfire II would directly provide a pulse of economic activity supporting approximately: 1) 83 jobs, 2) \$8.6 million in wages and benefits, and 3) \$40.4 million in economic output to the region (in 2026 dollars).

Taking into account the economic ripple effects that direct investment and the per diem spending of non-local construction workers would generate, the total estimated impact on the region would support approximately: 1) 179 jobs, 2) \$13.1 million in wages and benefits, 3) \$56.6 million in economic output, and 4) \$2.5 million in state and local tax revenue (in 2026 dollars).

Table 1: Estimated Economic and Fiscal Impact on the Region from Construction of Starfire II (2026 Dollars)^{32,33,34}

Economic Impact	Employment	Wages and Benefits	Economic Output
1st Round Direct Economic Activity	83	\$8,561,900	\$40,403,700
2nd Round Indirect and Induced Economic Activity	96	\$4,519,400	\$16,216,200
Total Economic Activity	179	\$13,081,300	\$56,619,900
Fiscal Impact			
State and Local Tax Revenue			\$2,526,400

**Totals may not sum due to rounding.*

³⁰ Data Source: BrightNight. Investment estimate is subject to change based on final design and vendor contracts.

³¹ Data Source: BrightNight.

³² Construction jobs represent employment supported by project spending, not necessarily new hires. The proportion of jobs filled by county or in-state construction contractors or residents is subject to change based on final vendor contracts.

³³ One construction job equals one person working full-time for one year. Since construction schedules and daily on-site employment vary, the analysis converts these variations into a consistent, 12-month, full-time job.

³⁴ Wages and Benefits are included in the Economic Output associated with the project.

Economic Impact – Kentucky

(Includes regional impact)

As shown in Table 2, based on the analysis, construction of Starfire II would directly provide a pulse of economic activity supporting approximately: 1) 188 jobs, 2) \$27.1 million in wages and benefits, and 3) \$86.5 million in economic output to the Commonwealth of Kentucky as a whole (in 2026 dollars).

Taking into account the economic ripple effects that direct investment and the per diem spending of non-local construction workers would generate, the total estimated impact on the Commonwealth of Kentucky would support approximately: 1) 437 jobs, 2) \$41.6 million in wages and benefits, and 3) \$135.0 million in economic output, and 4) \$6.0 million in state and local tax revenue (in 2026 dollars).

Table 2: Estimated Economic and Fiscal Impact on the Commonwealth of Kentucky from Construction of the Starfire II Project (2026 Dollars)

Economic Impact	Employment	Wages and Benefits	Economic Output
1st Round Direct Economic Activity	188	\$27,129,400	\$86,531,300
2nd Round Indirect and Induced Economic Activity	250	\$14,450,900	\$48,504,300
Total Economic Activity	437	\$41,580,300	\$135,035,600
Fiscal Impact			
State and Local Tax Revenue			\$6,020,100

**Totals may not sum due to rounding*

Ongoing Operations Phase

This portion of the section assesses the annual economic impact that Starfire II would have on the region and on the Commonwealth of Kentucky during its anticipated 40-year operational life.

Economic Impact Assumptions

The analysis is based on the following assumptions:

- Starfire II would employ approximately one full-time equivalent on-site employee and would source locally and statewide available services and materials for maintenance of the facility, including site security services.³⁵
- Starfire II would enter into a sheep grazing agreement for a portion of the solar site.³⁶
- Starfire II would make confidential lease payments to local landowners.³⁷

³⁵ Data Source: BrightNight. Full-time equivalent employee may consist of multiple individuals spending a portion of their time on site.

³⁶ Data Source: BrightNight. Subject to change based on final design and vendor contracts.

³⁷ Data Source: BrightNight.

Economic Impact – Region

As shown in Table 3, based on the analysis, annual operation of Starfire II would on average directly support approximately: 1) 1 job, 2) \$0.1 million in wages and benefits, and 3) \$2.2 million in economic output to the region (in 2026 dollars).

Taking into account the economic ripple effects that direct impact would generate, the total estimated annually supported impact on the region would be approximately: 1) 8 jobs, 2) \$0.5 million in wages and benefits, and 3) \$4.4 million in economic output (in 2026 dollars).

Table 3: Estimated Annual Economic Impact on the Region from the Ongoing Operation of Starfire II (2026 Dollars)

Economic Impact	Employment	Wages and Benefits	Economic Output
1st Round Direct Economic Activity	1	\$106,100	\$2,213,000
2nd Round Indirect and Induced Economic Activity	7	\$433,300	\$2,203,200
Total Economic Activity	8	\$539,400	\$4,416,200

**Totals may not sum due to rounding*

Economic Impact – Kentucky

(Includes regional impact)

As shown in Table 4, based on the analysis, annual operation of Starfire II would on average directly support approximately: 1) 1 job, 2) \$0.1 million in wages and benefits, and 3) \$2.6 million in economic output to the Commonwealth of Kentucky (in 2026 dollars).

Taking into account the economic ripple effects that direct impact would generate, the total estimated annually supported impact on the Commonwealth of Kentucky would be approximately: 1) 13 jobs, 2) \$0.8 million in wages and benefits, and 3) \$5.6 million in economic output (in 2026 dollars).

Table 4: Estimated Annual Economic Impact on the Commonwealth of Kentucky from the Ongoing Operation of Starfire II (2026 Dollars)

Economic Impact	Employment	Wages and Benefits	Economic Output
1st Round Direct Economic Activity	1	\$106,100	\$2,553,400
2nd Round Indirect and Induced Economic Activity	12	\$719,500	\$3,042,900
Total Economic Activity	13	\$825,600	\$5,596,300

**Totals may not sum due to rounding*

Decommissioning Phase

This portion of the section assesses the economic and fiscal impact that the pulse of economic activity associated with decommissioning of Starfire II at the end of its operational life would have on the region and on the Commonwealth of Kentucky.

Economic Impact Assumptions

The analysis is based on the following assumptions:

- Total costs associated with the decommissioning of Starfire II are estimated to be approximately \$16.1 million.³⁸
- Starfire II would source locally and statewide available contractors and services for the decommissioning of the facility.
- The IMPLAN model and analysis assume all construction is completed within a 12-month period.

Economic Impact – Region

As shown in Table 5, based on the analysis, decommissioning of Starfire II would directly provide a pulse of economic activity supporting approximately: 1) 23 jobs, 2) \$2.3 million in wages and benefits, and 3) \$6.8 million in economic output to the region (in 2026 dollars).

Taking into account the economic ripple effects that direct investment would generate, the total estimated impact on the region would support approximately: 1) 49 jobs, 2) \$4.0 million in wages and benefits, 3) \$12.4 million in economic output, and 4) \$0.4 million in state and local tax revenue (in 2026 dollars).

Table 5: Estimated Economic and Fiscal Impact on the Region from Decommissioning of Starfire II (2026 Dollars)^{39,40}

Economic Impact	Employment	Wages and Benefits	Economic Output
1st Round Direct Economic Activity	23	\$2,295,200	\$6,808,000
2nd Round Indirect and Induced Economic Activity	26	\$1,722,400	\$5,635,500
Total Economic Activity	49	\$4,017,600	\$12,443,500
Fiscal Impact			
State and Local Tax Revenue			\$442,300

*Totals may not sum due to rounding

³⁸ Data Source: BrightNight. Cost estimate is subject to change based on vendor contracts.

³⁹ Decommissioning jobs represent employment supported by project spending, not necessarily new hires. The proportion of jobs filled by county or in-state contractors or residents is subject to change based on final vendor contracts.

⁴⁰ One decommissioning job equals one person working full-time for one year. Since construction schedules and daily on-site employment vary, the analysis converts these variations into a consistent, 12-month, full-time job.

Economic Impact – Kentucky

(Includes regional impact)

As shown in Table 6, based on the analysis, decommissioning of Starfire II would directly provide a pulse of economic activity supporting approximately: 1) 46 jobs, 2) \$5.1 million in wages and benefits, and 3) \$16.3 million in economic output to the Commonwealth of Kentucky as a whole (in 2026 dollars).

Taking into account the economic ripple effects that direct investment would generate, the total estimated impact on the Commonwealth of Kentucky would support approximately: 1) 122 jobs, 2) \$10.5 million in wages and benefits, and 3) \$34.5 million in economic output, and 4) \$1.3 million in state and local tax revenue (in 2026 dollars).

Table 6: Estimated Economic and Fiscal Impact on the Commonwealth of Kentucky from Decommissioning of Starfire II (2026 Dollars)

Economic Impact	Employment	Wages and Benefits	Economic Output
1st Round Direct Economic Activity	46	\$5,112,800	\$16,251,800
2nd Round Indirect and Induced Economic Activity	76	\$5,414,300	\$18,227,200
Total Economic Activity	122	\$10,527,100	\$34,479,000
Fiscal Impact			
State and Local Tax Revenue			\$1,344,500

**Totals may not sum due to rounding*

Fiscal Impact

The analysis on the following pages quantifies the direct fiscal contribution that Starfire II would make to the counties of Knott and Perry and to the Commonwealth of Kentucky. It should be noted at the outset, however, that the analysis that follows likely understates the actual fiscal impact that Starfire II would have, as it only accounts for the direct fiscal impact that Starfire II would have on the counties and on the state. It does not take into account any additional tax revenue that would be generated as a result of the indirect economic activity attributable to the ongoing operation of Starfire II.

Fiscal Impact Assumptions

The analysis provided in this section is based on the following assumptions:

- The total capitalized investment in the Starfire II project would be categorized as follows:⁴¹
 - Approximately \$247.9 million would be classified as manufacturing machinery.
 - Approximately \$45.2 million would be classified as tangible personal property.
 - Approximately \$0.5 million would be classified as real property improvements.
 - The remainder of the investment is associated with non-taxable development costs and civil site improvements.
- The manufacturing machinery and tangible personal property would be depreciated using the Kentucky Department of Revenue depreciation schedule for Class VI.⁴²
- The Starfire II project would be situated within a fenced-in area of approximately 1,273 acres of mine land located in the counties of Knott (81 percent) and Perry (19 percent).⁴³
- Starfire II would have an operational life of 40 years.⁴⁴
- The entire capitalized investment would be financed using Industrial Revenue Bonds (IRBs) over a 40-year term.⁴⁵
- Starfire II would make local payment-in-lieu-of-tax (PILOT) payments of \$1,300 per MW over the 40-year life of the project.⁴⁶
- Starfire II's total generation capacity would be 200 MW.⁴⁷

⁴¹ Data Source: BrightNight based on Kentucky Department of Revenue's solar farm assessment guidelines. Actual values for each category are subject to change based on final design, vendor contracts, and classification of investments.

⁴² Data Source: Assumed depreciation schedule for illustrative purposes as future company depreciation schedule is currently unknown.

⁴³ Data Source: BrightNight. Estimated distribution is based on current layout. Distribution is applied to acreage, investment, and PILOT values. Actual distribution may vary.

⁴⁴ Data Source: BrightNight.

⁴⁵ Data Source: BrightNight.

⁴⁶ Data Source: BrightNight. Please note that the proposed PILOT is subject to change based on negotiations between the counties and BrightNight.

⁴⁷ Data Source: BrightNight.

- The capitalized investment and land associated with the project would be taxed at the state level only over the life of the project.⁴⁸
- The actively used, fenced in acreage would be reassessed at an assumed solar use value of \$2,000 per acre.⁴⁹
- Tax rates and assessment values remain constant throughout the analysis.

Fiscal Impact

The following sections detail the estimated local and state revenue associated with Starfire II over a 40-year period. Starfire II would generate revenue for the counties of Knott and Perry from a proposed payment-in-lieu-of-taxes (PILOT) that would replace all taxes on the land as well as all capital investments associated with the project at the local level. Starfire II would generate revenue for the state from taxation of the IRB financed capital investments and taxation of the land.

Payment-in-Lieu of Taxes (PILOT) – Knott County and Perry County

Table 7 summarizes the proposed PILOT payments that Starfire II is offering to pay to each county over 40 years. Please note that the proposed PILOT value shown is included for illustrative purposes and is subject to change based on negotiations between the counties of Knott and Perry and BrightNight.

As shown in Table 7, the proposed PILOT value is calculated based on the project's generation capacity of 200 MW AC and annual payments of \$1,300 per MW over the life of the project. Based on these assumptions, the proposed PILOT payments would be approximately up to \$260,000 per year, for a cumulative total of approximately up to \$10.4 million over 40 years. This consists of approximately \$8.4 million for Knott County and approximately \$2.0 million for Perry County (in 2026 dollars).

Table 7: Estimated Cumulative Local Revenue Generated by Starfire II from a Proposed PILOT over 40 Years (2026 Dollars)

	Knott County	Perry County	Total Local
PILOT per MW⁵⁰			\$1,300
Solar Generation Capacity (in MW AC) ⁵¹	162	38	200
Annual Revenue	\$210,600	\$49,400	\$260,000
Cumulative Revenue	<u>\$8,424,000</u>	<u>\$1,976,000</u>	<u>\$10,400,000</u>

**Total may not sum due to rounding.*

⁴⁸ Data Source: BrightNight.

⁴⁹ Data Source: Assumed assessment value of land used for illustrative purposes as actual future assessment value is currently unknown by the local PVAs.

⁵⁰ Data Source: BrightNight. Please note that the proposed PILOT is subject to change based on negotiations between the counties and BrightNight.

⁵¹ Data Source: Bright Night. Estimated distribution is based on current layout. Actual distribution may vary.

Taxation of Land and IRB Financed Property – Kentucky

Table 8 details the tax revenue that the proposed Starfire II project would generate for the Commonwealth of Kentucky over a 40-year period from taxation of the reappraised land and IRB financed real property improvements, tangible personal property, and manufacturing machinery located on the site.

As the data in Table 8 indicate, the state tax revenue fluctuates over the 40-year period as the value of the property is depreciated, while the leasehold interest increases. The state tax revenue is estimated to be approximately \$16,900 in year one of the project's operations, with a cumulative total of approximately \$2.8 million over 40 years (in 2026 dollars).

Table 8: Estimated Cumulative State Revenue Generated by Starfire II from Taxation of Land and IRB Financed Capital Investments over 40 Years (2026 Dollars)⁵²

Year	Land & Real Property Improvements	Tangible Personal Property	Manufacturing Machinery	Total State Revenue
Tax Rate (per \$100)⁵³	0.106	0.45	0.15	
Assessed Value / Original Cost⁵⁴	\$2,546,000 / \$539,800	\$45,195,400	\$247,857,400	
1	\$2,700	\$5,000	\$9,200	\$16,900
2	\$2,700	\$9,400	\$17,200	\$29,300
3	\$2,700	\$13,000	\$23,700	\$39,400
4	\$2,800	\$16,700	\$30,500	\$50,000
5	\$2,800	\$20,300	\$37,000	\$60,100
6	\$2,800	\$23,900	\$43,700	\$70,400
7	\$2,800	\$27,500	\$50,200	\$80,500
8	\$2,800	\$30,100	\$54,900	\$87,800
9	\$2,800	\$31,700	\$57,900	\$92,400
10	\$2,800	\$32,400	\$59,200	\$94,400
11	\$2,900	\$32,200	\$58,900	\$94,000
12	\$2,900	\$32,800	\$59,900	\$95,500
13	\$2,900	\$32,700	\$59,700	\$95,200
14	\$2,900	\$32,500	\$59,300	\$94,700
15	\$2,900	\$33,000	\$60,400	\$96,300
16	\$2,900	\$32,900	\$60,100	\$95,900
17	\$2,900	\$31,000	\$56,700	\$90,700
18	\$3,000	\$31,800	\$58,200	\$93,000

⁵² Calculations account for leasehold value and for the current Kentucky Department of Revenue depreciation schedule for Class VI for personal property and manufacturing machinery as future company depreciation schedule currently unknown.

⁵³ Data Source: Kentucky Department of Revenue.

⁵⁴ Data Source: Assumed assessment value of land used for illustrative purposes as actual future assessment value is currently unknown. Original cost derived from data provided by BrightNight is subject to change based on final design, vendor contracts, and classification of investments.

Year	Land & Real Property Improvements	Tangible Personal Property	Manufacturing Machinery	Total State Revenue
19	\$3,000	\$31,700	\$57,900	\$92,600
20	\$3,000	\$32,400	\$59,300	\$94,700
21	\$3,000	\$32,500	\$59,300	\$94,800
22	\$3,000	\$33,400	\$61,100	\$97,600
23	\$3,000	\$32,500	\$59,400	\$95,000
24	\$3,000	\$31,400	\$57,300	\$91,700
25	\$3,100	\$29,900	\$54,600	\$87,500
26	\$3,100	\$29,000	\$52,900	\$84,900
27	\$3,100	\$13,700	\$25,100	\$41,900
28	\$3,100	\$14,200	\$26,000	\$43,400
29	\$3,100	\$14,700	\$27,000	\$44,800
30	\$3,100	\$15,300	\$27,900	\$46,300
31	\$3,100	\$15,800	\$28,800	\$47,700
32	\$3,200	\$16,300	\$29,700	\$49,200
33	\$3,200	\$16,800	\$30,700	\$50,600
34	\$3,200	\$17,300	\$31,600	\$52,100
35	\$3,200	\$17,800	\$32,500	\$53,500
36	\$3,200	\$18,300	\$33,500	\$55,000
37	\$3,200	\$18,800	\$34,400	\$56,400
38	\$3,200	\$19,300	\$35,300	\$57,900
39	\$3,300	\$19,800	\$36,200	\$59,300
40	\$3,300	\$20,300	\$37,200	\$60,800
Cumulative Revenue	\$119,700	\$959,900	\$1,754,700	<u>\$2,834,300</u>

*Total may not sum due to rounding.

Current Use Comparison

This section provides a benchmark for the previous estimates of the fiscal impact that Starfire II would make to the counties of Knott and Perry by estimating the fiscal impact that the site makes to the counties of Knott and Perry in its current use.

Fiscal Impact Assumptions

The analysis is based on the following assumptions:

- Starfire II would be situated on an approximate 1,273-acre tract of former mine land located in the counties of Knott and Perry.⁵⁵
- The site is currently assessed at approximately \$0.5 million.⁵⁶
- Tax rates and assessed values remain constant throughout the analysis.

Fiscal Impact

Table 9 details the estimated tax revenue generated from taxation of the land in its current use. The total local real property tax revenue from the site is estimated to be approximately \$5,300 per year, for a cumulative total of approximately \$0.2 million over 40 years. This consists of approximately \$0.2 million for Knott County and approximately \$28,100 for Perry County (in 2026 dollars).

As shown in Table 9, the total state real property tax revenue from the project site is estimated to be approximately \$570 per year for a cumulative total of approximately \$22,600 over 40 years (in 2026 dollars).

Table 9: Estimated Cumulative Revenue Generated by Taxation of Land over 40 Years – Current Use (2026 Dollars)

	Knott County	Perry County	Total Local Revenue	Total State Revenue
Tax Rate (per \$100) ⁵⁷	1.006	0.927		0.106
Estimated Assessed Value – Current Use ⁵⁸	\$458,200	\$75,900		\$534,100
Annual Revenue	\$4,600	\$700	\$5,300	\$570
Cumulative Revenue	\$184,400	\$28,100	<u>\$212,500</u>	<u>\$22,600</u>

**Total may not sum due to rounding.*

⁵⁵ Data Source: Bright Night.

⁵⁶ Data Source: Derived from parcel data provided on the qpublic.net property database and data provided by each county's PVA office.

⁵⁷ Data Source: Kentucky Department of Revenue. Includes levies for each county's countywide total and local school district.

⁵⁸ Bright Night: Estimated distribution is based on current layout. Actual distribution may vary.

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The estimates provided in this report are based on the best information available and all reasonable care has been taken in assessing the quality of that information. However, because these estimates attempt to foresee the consequences of circumstances that have not yet occurred, it is not possible to be certain that they will be representative of actual events. These estimates are intended to provide a good indication of likely future outcomes and should not be construed to represent a precise measure of those outcomes.